

Dr. D.Y. PATIL VIDYAPEETH, PUNE (Deemed to be University)

(Re-accredited by NAAC with a CGPA of 3.62 on a four point scale at 'A' Grade) (An ISO 9001 : 2015 Certified University)

Dr. A. N. Suryakar Registrar

Ref. No. : DPU/ 425/2019 Date : 06/05/2019

NOTIFICATION

Whereas in pursuance of the following decisions taken by the Board of Management, it is hereby notified to all concerned that the "Syllabus for M.Sc. Nursing- 2014-15" is revised upto April 2019 and hereby published.

- Introduction bioethical aspects in various Chapters of all subjects vide Resolution No. BM-28(ii)-15 dated 29th December, 2015.
- > Revised Scheme of Examinations for M.Sc. (Nursing) to be implemented from academic year 2016-17 vide Resolution No. BM-28(iii)-15.
- Revision of UG & PG Nursing Syllabus and Scheme of examination for UG and PG Programme for the Year 2016-17 vide Resolution No. AC-14 (ii)-16 dated 25th July, 2016
- Modifications in M. Sc. Nursing Speciality-II subject Examination in semester pattern vide Resolution No. BM-31(ii)-18 dated 12th October, 2018.
- Interdisciplinary subjects for UG and PG Programme vide Resolution No. BM-11(i)-19 dated 12th April, 2019.
- Graduate Attributes, Programme Outcomes (POs), Course Outcomes (Cos) and it's mapping for all courses of UG and PG Programmes under Faculty of Nursing. Vide Resolution No. BM-11(iii)-19 dated 12th April, 2019.

The Syllabus of M.Sc. Nursing 2014-15 – Revised upto April 2019 will be useful to all the concerned. This will come into force with immediate effect.





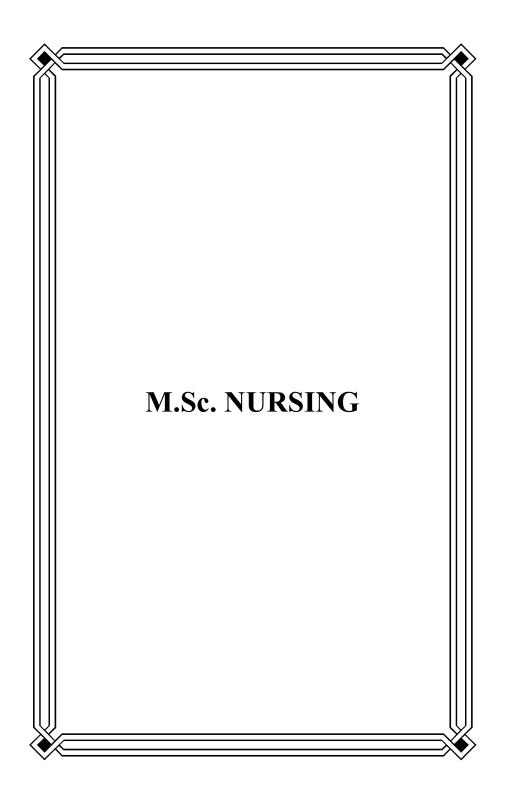
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- 2. PS to Vice Chancellor for kind information of Hon'ble Vice Chancellor, Dr. D. Y. Patil Vidyapeeth, Pune.
- 3. The Principal, Dr. D. Y. Patil College of Nursing, Pimpri, Pune.
- 4. The Controller of Examinations, Dr. D. Y. Patil Vidyapeeth, Pune.
- 5. Director (IQAC), Dr. D. Y. Patil Vidyapeeth, Pune.
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M. Sc. NURSING

RESOLUTION FOR IMPLEMENTATION

1) **Resolution No: BM03**: It was resolved that Choice Based Credit System (CBCS) with Semester Pattern of B. Sc. Nursing, P. B. B. Sc Nursing and M. Sc Nursing for the Academic year 2015-16. Vide resolution No. BM 03(i) – 15 DATED 31/3/2015. The course structure of revised nursing syllabus with semester pattern as

* CBCS is not applicable as per INC guidelines

RESOLUTION FOR IMPLEMENTATION

2) Resolution No: BM 31: It was resolved that Implementation of syllabus hours to be done in M.Sc. Nursing, for the Academic Year 2019-20 Vide resolution No. BM 31 (ii)-18 DATED 30/10/2018. The course structure of revised nursing syllabus with M.Sc. Nursing of the same is attached below.

PHILOSOPHY

DPU believes in the development of Postgraduate Program in Nursing based on the application of principles of Modern Health Sciences, including research, which can help in the improvement of the quality of Nursing Education & Practice in India.

National Health Policy (NHP) 2002 emphasizes the need to prepare nurses to function in super-speciality area who are required in tertiary care institutions, entrusting some limited public health functions to nurses after providing adequate training, and increase the ratio of degree holding vis a vis diploma holding nurses.

It is observed that there is an acute shortage of nursing faculty in under graduate and post graduate nursing programme in Indian. The Philosophy of the M.Sc. Nursing is incorporated by DPU, at par of Indian Nursing Council. Indian Nursing Council believes that post Graduate Program is essential to prepare nurses to improve the quality of nursing education and practice in India.Post graduate Program in nursing builds upon and extends competence acquired at the graduate levels, emphasizes application of relevant theories into Nursing practice, education, administration and development of research skills.The Program prepares nurses for leadership position in nursing and health fields who can function as nurse specialists, consultants, educators, administrators and researchers in a wide variety of professional settings in meeting the National priorities and the changing needs of the society

This program provides the basis for the post masteral program in nursing. Further the program encourages accountability and commitment to lifelong learning which fosters improvement of quality care.

AIM

The aim of the postgraduate program in nursing is to prepare graduates to assume responsibilities as nurse specialist, consultants, educators, administrators in a wide variety of professional setting.

OBJECTIVES

On Completion of the two years M.Sc. Nursing Program, the graduate will be able to:-

- 1. Utilize/apply the concepts, theories and principles of nursing science
- 2. Demonstrate advance competence in practice of nursing;
- 3. Practice as a nurse specialist.
- 4. Demonstrate leadership qualities and function effectively as nurse educator and manager.
- 5. Demonstrate skill in conducting nursing research, interpreting and utilizing the findings from health related research
- 6. Demonstrate the ability to plan and effect change in nursing practice and in the health care delivery system.
- 7. Establish collaborative relationship with members of other disciplines
- 8. Demonstrate interest in continued learning for personal and professional advancement.

Eligibility Criteria / Admission Requirements:

- 1. The candidates should be a Registered Nurse and Registered midwife or equivalent with any State Nursing Registration Council.
- 2. The minimum education requirements shall be the passing of

B.Sc. Nursing/Post Basic Nursing with minimum of 55% aggregate marks.

- 3. The candidate should have undergone in B.Sc. Nursing / Post Basic B.Sc. Nursing in an institution which is recognized by Indian Nursing Council.
- 4. Minimum one year of work experience after Basic B.Sc. Nursing.
- 5. Minimum one year of work experience prior or after Post Basic B.Sc. Nursing
- 6. Candidate shall be medically fit.
- 7. 5% relaxation of marks for SC/ ST candidates may be given.

Entrance / Selection test

• Selection of the candidates should be based on the merit of the Entrance examination held by University or competent authority.

Admission Procedure:

Candidates should submit the prescribed application form duly completed along with requisite documents. Documents required at the time of admission :

- 1. Certificate of passing the qualifying examination
- 2. Mark lists
- 3. Migration certificate original.
- 4. Requisite caste certificate issued by the competent authority, if admission is against reserved category.
- 5. Experience certificate at least of one year.
- 6. Certificate of change of name, if applicable supported by documentary evidence like government Gazette.
- 7. Medical certificate.
- 8. Transfer Certificate or School Leaving Certificate.

Regulations for Examination:

Eligibility for appearing for the examinations.

• Eligibility for appearing for the examination: 80% of the attendance for theory and practical's However 100% of attendance for practical before the award of degree

If the candidate fails in either practical or theory paper he/she has to re- appear for both the papers (theory and practical).

- Maximum no. of attempts per subject is three (3) inclusive of first attempt. The maximum period to complete the course successfully should not exceed 4 years.
- Candidate who fails in any subject, shall be permitted to continue the studies into the second year. However the candidate shall not be allowed to appear for the Second year examination till such time that he/she passes all subjects of the first year M.Sc. Nursing.

Practical

- 4 hours of practical examination per student.
- Maximum number of 10 students per day per specialty.
- The examination should be held in clinical area only for clinical specialties.
- One internal and external should jointly conduct practical examination
- Examiner Nursing faculty teaching respective specialty area in M.Sc. nursing program with minimum 4years experience after M.Sc. nursing.

Dissertation

- ٠ Evaluation of the dissertation should be done by the examiner prior to viva.
- Duration: Viva-voce -minimum 30 minutes per student. •

Guidelines for Dissertation

Tentative Schedule for dissertation

| S.N. | Activities | Scheduled Time |
|------|-------------------------------------|--|
| 1. | Submission of the research proposal | End of 9 th Month of 1 st year |
| 2. | Submission of dissertation – Final | End of 9 th Month of 2 nd Year |

Note: Administrative approval and ethical clearance should be obtained.

- A. Research Guides
- a) Qualification of Guide
 - Main Guide: Nursing faculty / nursing expert in the same clinical specallity holding Ph. D. / M. Phil. / M.Sc. Nursing with a minimum of 5years experience in teaching in the post graduate programme in nursing.
- b) Guide :- Students Ratio Maximum of 1:4
- c) Research Committee

There should be a research committee in each college comprising of minimum 5 members chaired by the Principal, College of Nursing.

COMMENCEMENT

Academic year commences from 1st August and 1st January as per semester • pattern.

Duration

| Duration | |
|---------------------------|---|
| Duration of the course is | 2 years for M.Sc. (N) |
| Available | 22 to29 weeks per semester |
| Vacation | 4 weeks |
| Examination | 1 weeks per semester |
| Gazetted holidays | 3 weeks |
| Hours available per Sen | nester 1056 hours (22 weeks) to 1392 hours (29 weeks) |
| (Including Holiday & Exa | amination) 48 hours/ week. |
| | |

COURSE OF INSTRUCTION

Theory: 25 hrs

Practical: 50 hrs

SCHEME OF STUDIES FIRST SEMESTER M. Sc NURSING

| Sr. | Subject | | Theory | Practical | |
|-----|---------------------------------|-----|--------|-----------|------|
| No | | Hrs | Week | Hrs | Week |
| 1 | Nursing Education | 150 | 3 | 150 | 3 |
| 2 | Advanced Nursing Practice | 150 | 3 | 200 | 4 |
| 3 | Nursing Research and statistics | 150 | 3 | 100 | 2 |
| | Total | 400 | 9 | 400 | 9 |

SECOND SEMESTER M. Sc NURSING

| S.N. | Subject | Theory | | Practical | |
|------|-----------------------|--------|------|-----------|------|
| | | Hrs | Week | Hrs | Week |
| 1 | Clinical Speciality-I | 150 | 3 | 660 | 13 |
| | Total | 150 | 3 | 660 | 13 |

THIRD SEMESTER M. Sc. NURSING

| Sr. no | Subject | Theory | | Practical | |
|--------|---------------------------------|--------|------|-----------|-------|
| | | Hrs | Week | Hrs | Week |
| 1 | Nursing Management | 150 | 3 | 150 | 3 |
| 2 | Nursing Research (Dissertation) | | | 300 | 6 |
| 3 | Clinical Speciality-II | 75 | 1 | 150 | 3 |
| | Total | 225 | 4 9 | 600 | 12 15 |

FOURTH SEMESTER M. Sc NURSING

| Sr. no | Subject | Theory | | Practical | |
|--------|------------------------|--------|------|-----------|------|
| | | Hrs | Week | Hrs | Week |
| 1 | Clinical Speciality-II | 75 | 1 | 810 | 15 |
| | Total | 75 | 1 | 810 | 15 |

Educational visits 2 weeks

- Clinical Speciality Medical Surgical Nursing (Cardio Vascular and Thoracic Nursing, Critical care nursing, Oncology Nursing, Neurosciences Nursing, Nephro- Urology Nursing, Orthopedic Nursing, Gastro Enterology nursing), Obstetric and Gynaecological Nursing, Child health (Paediatric) Nursing, Community Health Nursing, Community Health Nursing.
- University examination will be held in IV semester.

Note: Students have to maintain log book for each activity during the course of study.

SCHEME OF EXAMINATION FIRST SEMESTER M. Sc NURSING

| Sr. | Subject | Internal | External | Duration | То |
|-----|-------------------------------|----------|----------|----------|-----|
| No | | | | (hrs) | tal |
| 1 | Nursing Education (Theory) | 25 | 75 | 3 | 100 |
| 2 | Nursing Education (Practical) | 50 | 50 | 4hrs/ | 100 |
| | | | | student | |
| 3 | Advanced Nursing Practice | 25 | 75 | 3 | 100 |
| 4 | Nursing Research and | 25 | 75 | 3 | 100 |
| | statistics | | | | |

SECOND SEMESTER M. Sc NURSING

| Sr. No | Subject | Internal | External | Duration (hrs) | Total |
|-----------|--------------------------------------|----------|----------|-------------------|-------|
| 1 | Clinical Speciality-I (theory) | 25 | 75 | 3 | 100 |
| 2 | Clinical Speciality-I (Practical) | 100 | 100 | 4hrs/ student | 200 |

THIRD SEMESTER M. Sc NURSING

| Subject | Internal | External | Duration | Total |
|--------------------------------------|---|---|--|--|
| | | | (hrs) | |
| Nursing Management | 25 | 75 | 3 | 100 |
| Clinical Speciality-I (theory) | 10 | 35 | 1 Hour 30 Min | 45 |
| Clinical Speciality-I (Practical) | 50 | 50 | 4hrs/ student | 100 |
| | Nursing Management Clinical Speciality-I (theory) | Nursing Management25Clinical Speciality-I10(theory)50 | Nursing Management2575Clinical Speciality-I1035(theory)25050 | Nursing Management25753Clinical Speciality-I10351 Hour(theory)30 MinClinical Speciality-I50504hrs/ |

FOURTH SEMESTER M. Sc NURSING

| Sr. no | Subject | Internal | External | Duration (hrs) | Total |
|-----------|---------------------------------------|----------|----------|---------------------|-------|
| 1 | Clinical Speciality-II (theory) | 15 | 40 | 2 | 55 |
| 2 | Clinical Speciality-II (Practical) | 50 | 50 | 4hrs/ student | 100 |
| 3 | Nursing Research (Dissertation) | 100 | 100 | 30 min / student | 200 |

* Nursing research = 50 and statistics =25

* Nursing research = 15 and statistics =10

* Clinical Speciality – Medical Surgical Nursing (Cardiovascular & Thoracic Nursing, Critical care nursing, Oncology Nursing, Neurosciences Nursing, Nephro- Urology Nursing, Orthopedic Nursing, Gastro Enterology nursing), Obstetric & Gynaecological Nursing, Child health (Paediatric) Nursing, Mental Health (Psychiatirc) Nursing, Community Health Nursing, Community Health Nursing.

ADMISSION STRENGTH

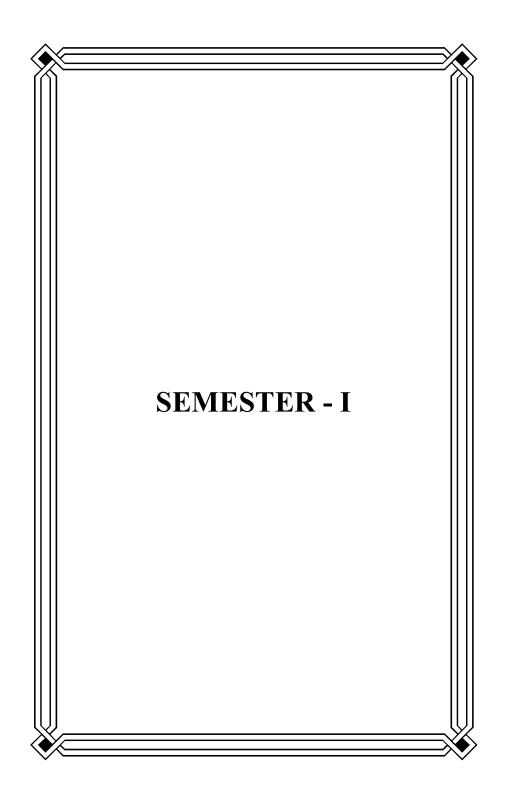
Annual admission strength for M.Sc. (N) Programme should have prior sanction / permission from the Indian Nursing Council on the basis of clinical, physical facilities and teaching faculty.

Health Services

There should be provisions for the following health services for the students.

- a) An annual medical examination.
- b) Vaccination against Tetanus, hepatitis B or any other communicable disease as considered necessary.
- c) Free medical care during illness.
- d) A complete health record should be kept in respect of each individual students. The question of continuing the training of student, with long term chronic illness, will be decided by the individual college.
- 1. ATKT rules for each semester:

| Semester | No. of Subjects for University | ATKT Allowed |
|----------|--------------------------------|--------------|
| | Examination | |
| Ι | 03 | 02 |
| II | 01 | |
| III | 01 | |
| IV | 02 | |



NURSING EDUCATION PLACEMENT: FIRST SEMESTER

Theory : 150 Hours Practical : 150 Hours: Total : 300 Hours

COURSE DESCRIPTION:

This course is designed to assist students to develop a broad understanding of fundamental principles, trends and issues related to education and nursing education. Further, it would provide opportunity to students to understand, appreciate and acquire skills in teaching and evaluation curriculum development, implementation, maintenance of standards and accreditation of various nursing educational programs.

OBJECTIVES: At the end of the course, students will be able to :

- 1. Explain the aims of education, philosophies, trends in education and health: its impact on nursing education.
- 2. Describe the teaching learning process.
- 3. Prepare and utilize various instructional media and methods in teaching learning process.
- 4. Demonstrate competency in teaching, using various instructional strategies.
- 5. Critically analyze the existing nursing educational programs, their problems, issues and future trend.
- 6. Describe the process of curriculum development, and the need and the methodology of curriculum changes, innovation and integration.
- 7. Plan and conduct continuing nursing education programs.
- 8. Critically analyze the existing teacher preparation programs in nursing.
- 9. Demonstrate skill in guidance and counseling.
- 10. Describe the problems and issues related to administration of nursing curriculum including nursing examination
- 11. Explain the development of standards and accreditation process in nursing education.
- 12. Identify research priorities in nursing education.
- 13. Discuss various models of collaboration in nursing education and services.
- 14. Explain the concept, principles, steps, tools and techniques of evaluation.
- 15. Construct, administer and evaluate various tools for assessment of knowledge, skill and attitude.

| Uni | Торіс | The | Prac |
|------|---|-----|-------|
| te | | ory | tical |
| I. | INTRODUCTION | 10 | |
| | • Education : Definition, aims, concepts, philosophies & | | |
| | their education implication. Impact of social, economic, | | |
| | political & technological changes on education. | | |
| | Professional education | | |
| | Current trends and issues in education | | |
| | • Educational reforms and National Educational policy. | | |
| | • Trends in development of nursing education in India. | | |
| II. | TEACHING-LEARNING PROCESS | 20 | 30 |
| | • Concepts of teaching and learning. Definition, theory of | | |
| | teaching learning | | |
| | Relationship between teaching and learning. | | |
| | • Educational aims and objectives; types, domains, levels, | | |
| | elements and writing of educational objectives. | | |
| | • Competency based education (CBE) and outcome based education (OBE). | | |
| | • Instructional design : Planning and Designing the lesson, | | |
| | writing lesson plan meaning, its need and importance, formats. | | |
| | • Instruction strategies : Lecture, discussion, demonstration, | | |
| | simulation, laboratory, seminar, panel, symposium, | | |
| | problem based learning (PBL), workshop, project, role- | | |
| | play (socio drama), Clinical teaching methods, | | |
| | programmed instruction, self-directed learning (SDL), | | |
| | micro teaching computer assisted instruction (CAI), | | |
| | computer assisted learning (CAL), | | |
| III. | INSTRUCTIONAL MEDIA AND METHOD | 10 | 10 |
| | Key concepts in the selection and use of media in education | | |
| | Developing learning resource material using different | | |
| | media. Instructional aids – types, uses, selection, | | |
| | preparation, and utilization Teacher's role in procuring and | | |
| | managing instructional Aids – project and non-projected | | |
| 13.7 | aids, multimedia, video-tele conferencing etc. | 10 | |
| IV. | MEASUREMENT AND EVALUATION | 10 | |
| | • Concept and nature of measurement and Evaluation, | | |
| | Meaning, process, purposes, | | |
| | • Problems in evaluation and measurement. | | |
| | Principles of Assessment, formative and summative | | |
| | assessment – internal assessment, external examination, | | |
| | advantages and disadvantages. | | |
| V | • Criterion and norm referenced evaluation. | 12 | 10 |
| V. | STANDARDIZED AND NON STANDARDIZED TEST | 12 | 10 |
| | • Meaning, characteristics, objectivity validity, reliability, | | |
| | usability, norms, construction of tests. | | |

| Uni te | Торіс | The ory | Prac tical |
|-----------|---|------------|---------------|
| | • Essay, short answer questions and multiple-choice | | |
| | questions. | | |
| | Rating scales, checklist, OSCE/OSPE | | |
| | (objective structured clinical / practical examination) | | |
| | • Differential scales and summated scales, sociometry, | | |
| | anecdotal record, attitude scale, critical incident technique. | | |
| | • Question bank – preparation, validation, moderation by panel, utilization. | | |
| | • Developing a system for maintaining Confidentiality. | | |
| VI. | ADMINISTRATION, SCORING AND REPORTING | 8 | 5 |
| V 1. | • Administrating a test, scoring, grading versus marks. | 0 | |
| | • Objective tests, scoring essay test, methods of scoring, | | |
| | item analysis. | | |
| VII | STANDARDIZED TOOLS | 12 | 6 |
| | Test of intelligence aptitude, interest, personality, | | - |
| | achievement, socio- economic status scale, tests for special | | |
| | mental and physical abilities and disabilities. | | |
| VII | NURSING EDUCATIONAL PROGRAMS | 5 | 6 |
| Ι | • Perspectives of nursing education: Global and National. | | |
| | • Patterns of nursing education and training program in | | |
| | India .Non University and university programs: ANM, | | |
| | GNM, Certificate Basic B.Sc. Nursing, M.Sc. Nursing, | | |
| | post M Phil and Ph. D in nursing, Post diploma program, | | |
| 13/ | nurse practitioner program. | 10 | 25 |
| IX | CONTINUING EDUCATION IN NURSING | 12 | 25 |
| | • Concepts –Definition, importance, need, scope, | | |
| | principles of adult learning and conduct assessments of learning needs priorities, resources. | | |
| | Program planning, implementation and evaluation of | | |
| | continuing education programs. | | |
| | Research in continuing education. | | |
| | • Distance education in nursing. | | |
| X | CURRICULUM DEVELOPMENT | 10 | 10 |
| | • Definition, curriculum determinants, process and steps of | 10 | 10 |
| | curriculum development, curriculum models types and framework. | | |
| | • Formulation of philosophy, objectives, Mission statement. | | |
| | Selection and organization of learning experiences, | | |
| | • Master plan, course plan, unit plan, lesson plan. | | |
| | • Evaluation strategies, process of curriculum change and | | |
| | role of students, faculty, administrator, statutory bodies and other stakeholders. | | |
| | • Equivalency of courses: transcripts, credit system | | |

| Uni | Торіс | The | Prac |
|----------|---|----------|-------------|
| te XI | TEACHER PREPARATION | ory 8 | tical 28 |
| | • Teacher –roles & responsibilities, functions, | 0 | 20 |
| | characteristics, competencies, qualities. | | |
| | Preparation of professional teacher preparation programs. | | |
| | Evaluation of professional teacher preparation programs.Evaluation: self and peer. | | |
| | Critical analysis of various programs of teacher education | | |
| | in India. | | |
| XII | GUIDANCE AND COUNSELING | 10 | 5 |
| | • Concepts principles need difference between guidance | _ | - |
| | and counseling, trends & issues. | | |
| | • Responsibilities of the nurse administrator in student | | |
| | guidance and counseling | | |
| | • Guidance and counseling services : | | |
| | Diagnostic and remedial. | | |
| | Coordination and organization of services. | | |
| | • Techniques of counseling: Interview, case work and | | |
| | characteristics of counselor. | | |
| | • Professional preparation and training for Counseling. | | |
| XII | ADMINISTRATION OF NURSING CURRICULUM | 15 | 10 |
| I | • Role of curriculum coordinator - planning implementation | | |
| | and evaluation. | | |
| | Evaluation of educational program in nursing course and | | |
| | program | | |
| | • Factors influencing faculty staff relationship and | | |
| | techniques of working together. | | |
| | Concept of faculty supervisor (dual) Position. | | |
| | Curriculum research in nursing.Different models of collaboration between education and | | |
| | Different models of conadoration between education and service | | |
| XI | MANAGEMENT OF NURSING EDUCATIONAL | 3 | 0 |
| V | INSTITUTIONS | | |
| | • Planning, organizing, staffing, budgeting, recruitment, | | |
| | discipline, public relation, performance appraisal, welfare | | |
| | services, library services, hostels | | |
| XV | DEVELOPMENT AND MAINTENCE | 5 | 5 |
| | • Development and maintenance of standards and | | |
| | accreditation in nursing education | | |
| | Role of Indian Nursing Council, State Registration | | |
| | Nursing Councils, Board and University. | | |
| | Role of profession Association and Unions. | | |

Activities :

- Framing philosophy, aims and objectives.
- Lesson Planning.
- Micro teaching-2
- Conduct practical teaching using different teaching strategies 10 (like lecture cum discussion, demonstration- lab method, field trips, seminars, project, role pay, panel discussion, clinical methods etc)
- Preparation and utilization of instructional Aids using different media. Develop course plans, unit plans, rotation plans.
- Conduct a continuing education workshop.
- Annotated bibliography.
- Critical evaluation of any nursing education programme offered by a selected institution.
- Planning and Organizing filed visits.
- Educational visits.
- Filed visits (INC/SNRC) to get familiar with recognition / registration process.
- Construct, administer and evaluate tools (objective and essay type test, observation checklist, rating scale etc.)
- Observe and practice application of various non-standardized tests (intelligence, Aptitude, Personality, Sociometry, Physical & mental.

Method of Teaching

Method of Teaching

- Lecture cum Discussion
- Demonstration
- Seminar/Presentation
- Project Work
- Field Visits
- Workshop

Methods of Evaluation

- Written Tests
- Class Room /Clinical Teaching
- Presentation
- Project Work
- Written Assignments

| Scheme of Evaluation:- | | |
|------------------------------|-----------|-------------|
| Internal Assessment:- | | |
| Theory- | | |
| Test (02) | 100 | |
| Seminar | 25 | |
| Annotated Bibliography | 25 | |
| Journal Presentation (02) | 100(50x | x2) |
| Group discussion | 50 | |
| | 300 | |
| Convert out of 25 | | |
| | | |
| Practical – | | |
| Test(02) | | 75 |
| Conference / workshop | | 25 |
| Practice teaching(10) | | 500 (50x10) |
| LRM | | 25 |
| Construction of test / rotat | tion plan | 25 |
| Microteaching (2) | - | 100(50x2) |
| | | 750 |

Convert out of 50

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- 19. Neeraja K.P, "Text book of Nursing Education", Jaypee brothers.
- O, Connor, Andrea B; Nursing staff development and continuing Education, Little Brown Company, Bonston, 1986.
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- 22. Supe, Rege, Bhuiyan, "The Art of Teaching Medical Students", Medical Education Technology Cell, 2nd edn, 2002.

PRACTICE TEACHING PERFORMA FOR LESSION PLAN

Topic:-Subtopic:-Unit:-Date:-Time:-Venue:-Class taught:-Method of teaching:-Audio visual aids:-Previous knowledge of the group:-Genral objectives:-Specific objectives:-

| S | Specific | Durat | Content | Teacher/ | Audio | B/b | Evalu |
|---|------------|-------|--------------|----------|--------|------|-------|
| N | objectives | ion | | Learner | visual | Acti | ation |
| | | | | activity | aids | vity | |
| | | | Introduction | | | | |
| | | | Content | | | | |
| | | | Conclusion | | | | |
| | | | Assignment | | | | |
| | | | References. | | | | |

PROFORMA FOR EVALUATION

| Name of The Student | Group |
|-----------------------|-------------|
| Topic | Place |
| Name of The Evaluator | Date & Time |

| S. N. | Criteria | Maxi mum | Marks obtain |
|----------|---|-------------|-----------------|
| | | marks | ed |
| 1. | LESSON PLAN | 10 | |
| | General objectives stated clearly | | |
| | • Specific objectives stated in behavioral terms | | |
| | • Lesson plan followed in sequence | | |
| | Bibliography upto date and complete | | |
| 2. | LEARNING ENVIRONMENT | 05 | |
| | • Physical set up of classroom (Seating) | | |
| | Classroom light adequate | | |
| | • Well ventilated | | |
| | Motivates student | | |
| 3. | PRESENTATION | 10 | |
| | Coverage of subject content | | |

| S. N. | Criteria | Maxi mum marks | Marks obtain ed |
|----------|--|----------------------|-----------------------|
| | Depth of Knowledge | | |
| | • Integration of subject matter | | |
| | • Speech- Clear, audible, well modulated | | |
| | • Explanation and clarification | | |
| | • Use of current literature | | |
| | • Time limit | | |
| 4. | USE OF AUDIO VISUAL AIDS | 10 | |
| | Relevant, clear and visible | | |
| | • Creativity | | |
| | • Used effectively at the right time | | |
| 5. | QUESTIONING TECHNIQUE | 05 | |
| | Questions equally addressed to all | | |
| | • Well worded questions, no ambiquity | | |
| | • Thought provoking questions | | |
| | • Sufficient time allowed for answering | | |
| | • Questions relevant and challenging | | |
| 6. | ASSIGNMENT | 05 | |
| | Appropriate to the lesson | | |
| | • Clear | | |
| | Motivating | | |
| | • Explained to the students | | |
| | • Feedback given to the students | | |
| 7. | STUDENT TEACHER PERSONALITY | 05 | |
| | Appearance grooming | | |
| | • Confidence | | |
| | Mannerisms | | |
| 8. | Total Marks | 50 | |

Remarks of the Evaluator / Guide:

Signature of the evaluator / Guide:

Signature of the Student :

SEMINAR EVALUATION FORMAT

| S. No | Criteria | Marks Allotted | Mark Obtained | | |
|----------|---|-------------------|------------------|--|--|
| 1 | Aims & Objectives | 2 | Obtaineu | | |
| 2 | Organisation Of Content- | 3 | | | |
| | Covrage of Content, Simple to Complex, logical | 5 | | | |
| 3 | Presentation | 5 | | | |
| | • Introduction | | | | |
| | Coverage of subject content | | | | |
| | • Sequencing | | | | |
| | • Depth of knowledge | | | | |
| | • Integration of subject matter | | | | |
| | • Explanation and clarification | | | | |
| | • Use of current literature | | | | |
| | • Time limit | | | | |
| 4 | Audiovisual Aids | 5 | | | |
| 5 | Speaker's Qualities | 5 | | | |
| 6 | Group Discussion | 2.5 | | | |
| 7 | References | 2.5 | | | |
| 8 | Total Marks | 25 | | | |

Remarks of the Guide:-

Signature of guide;-

Signature of student;-

Guidelines for presentation of educational institution school/college of nursing Name of the Institution:

Type of Institution;

Head of Institution;

Organizational Chart;

Course Conducted;

No. of student per batch

male/female reservation;

Budget

Teaching/Non-Teaching Staff

Blue print of the college building

Av aids

No. of books/journal-library facilities

Laboratory demonstratio lab, equipment, modles, space, furniture and other facilities.

Nutrition lab MCH Lab/Community Health Lab

Museum

Scheme of teaching and examination

Guideline for writing the assignment on curriculum planning

Mission statement

Philosophy

Aims & objectives

Course outline-

- I. Unit plan
- II. Lesson plan
- III. Rotation plan
- IV. Evaluation system, internal & university
- V. Assignment
- VI. Field visit
- VII. Suggested bibliography

ADVANCED NURSING PRACTICE

PLACEMENT : I SEMESTER

Theory : 150 Hours Practical: 200 Hours Total : 350 Hours

Course Description

The course is designed to develop an understanding of concepts and constructs theoretical basis of advanced nursing practice and critically analyze different theories of nursing and other disciplines.

Objectives:

At the end of the course the student will be able to:

- 1. Appreciate and analyze the development of nursing as a profession.
- 2. Describe ethical, legal, political and economic aspects of health care delivery and nursing practice.
- 3. Explain bio- psycho- social dynamics of health, lifestyle and health care delivery system.
- 4. Discuss concepts, principles, theories, models, approaches relevant to nursing and their application.
- 5. Describe scope of nursing practice.
- 6. Provide holistic and competent nursing care following nursing process approach.
- 7. Identify latest trends in nursing and the basis of advance nursing practice.
- 8. Perform extended and expanded role of nurse.
- 9. Describe alternative modalities of nursing care.
- 10. Describe the concept of quality control in nursing.
- 11. Identify the scope of nursing research.
- 12. Use computer in patient care delivery system and nursing practice. Appreciate importance of self-development and professional advance.

| Unit | Hrs. | Content |
|------|------|---|
| Ι | 10 | NURSING AS A PROFESSION |
| | | History of development of nursing profession, characteristics, criteria of the profession, perspective of nursing profession - national, global. |
| | | Code of ethics (INC), code of professional conduct (INC), autonomy and accountability, assertiveness, visibility of nurses, legal considerations. |
| | | Role of regulatory bodies. |
| | | Professional organizations and unions- self defense, individual and collective bargaining. |
| | | Educational preparations, continuing education, career opportunities, professional advancement role and scope of nursing education. |
| | | Role of research, leadership and management. |
| | | Quality assurance in nursing (INC). |
| | | Futuristic nursing. |
| II | 5 | HEALTH CARE DELIVERY: |
| | | Health care environment, economic constraints, planning |
| | | process, political process vis a vis nursing profession. |
| | | Health care delivery system –nation, state district and local level. |
| | | > Major stakeholders in the health care system Govt., non |
| | | government, industry and other professionals. |
| | | Patterns of nursing care delivery in India. |
| | | Health care delivery concerns, national health and family welfare program, inter- sectoral coordination, role of non governmental agencies. |
| | | > Information, education and communication (IEC). |
| | | > Tele – medicine. |
| III | 10 | GENETICS |
| | | Review of cellular division, mutation and law of inheritance, human genome project, the genetic era. |
| | | Basic concepts of genes, chromosomes and DNA. |
| | | Approaches to common genetic disorders. |
| | | Genetic Testing – basis of genetic diagnosis, pre-symptomatic and predisposition testing, prenatal diagnosis & screening, |
| | | ethical, legal and psychosocial issues in genetic testing. |
| | | Genetic Counseling. |
| | | Practical application of genetics in nursing. |
| IV | 10 | EPIDEMIOLOGY |
| | | Scope, epidemiological approach and methods. |
| | | Morbidity, mortality, Concepts of causation of diseases and |
| | | their screening. |
| | | Application of epidemiology in health care delivery, Health surveillance and health informatics. |
| | | Role of nurse. |

| U | nit | Hrs. | | Content | | |
|----|-----|------|-----------------------------|--|--|--|
| _ | V | 20 | BIO- PSYCHOSOCIAL PATHOLOGY | | | |
| | | | ≻ | Pathophysiology and psychodynamic of disease causation. | | |
| | | | ≻ | Life processes, homeostatic mechanism, biological and | | |
| | | | | psycho- social dynamics in causation of disease, life style. | | |
| | | | ≻ | Common problems : Oxygen insufficiency, fluid and | | |
| | | | | electrolyte imbalance, nutritional problems, hemorrhage land | | |
| | | | | shock, altered body temperature, unconsciousness, sleep | | |
| | | | | pattern and its disturbances, pain, sensory deprivation. | | |
| | | | ≻ | Treatment aspects: pharmacological and pre-post operative | | |
| | | | | care aspects. | | |
| | | | \triangleright | Cardio pulmonary resuscitation end of life care. | | |
| | | | \triangleright | Infection prevention (including HIV) and standard safety | | |
| | | | | measures, bio-medical waste management. | | |
| | | | ≻ | Role of nurse –Evidence based nursing practice. | | |
| | | | ≻ | Innovations in nursing. | | |
| 1 | VI | 20 | | PHILOSOPHY AND THEORIES OF NURSING | | |
| | | | ≻ | Values, conceptual models, approach. | | |
| | | | \succ | Nursing theories: Nightingale's Henderson's, Roger's, | | |
| | | | | Peplau's Abdella's, Lewine's, Orem's Johnson's, King's, | | |
| | | | | Neuman's, Roy's, Watson's, parsce etc. and their applications. | | |
| | | | \succ | Health belief models, communication and management etc. | | |
| | | | | Concept of self health. | | |
| | | | \triangleright | Evidence based practice model. | | |
| V | II | 10 | | NURSING PROCESS APPROACH | | |
| | | | | Health Assessment- illness status of patients/ clients | | |
| | | | | (Individual, family, community), Identification of health | | |
| | | | | illness problems, health behaviors, signs and symptoms of | | |
| | | | | clients. | | |
| | | | | Methods of collection, analysis and utilization of data relevant | | |
| | | | ~ | to nursing process. | | |
| | | | ≻ | Formulation of nursing care plans, health goals, | | |
| V | TT | 30 | | implementation, modification and evaluation of care. PSYCHOLOGICAL ASPECTS AND HUMAN | | |
| VI | m | 30 | | RELATIONS | | |
| | | | ≻ | Human behavior, Life processes and growth and development, | | |
| | | | - | personality development, defense mechanisms. | | |
| | | | ≻ | Communication, interpersonal relationships, individual and | | |
| | | | ĺ ĺ | group, group dynamics, and organizational behavior. | | |
| | | | \succ | Basic human needs, Growth and development, (Conception | | |
| | | | | through preschool, School age through adolescence, young | | |
| | | | | and middle adult, and older adult). | | |
| | | | \succ | Sexuality and sexual health. | | |
| | | | > | Stress and adaptation, crisis and its intervention. | | |
| | | | $\mathbf{\lambda}$ | Coping with loss, death and grieving. | | |
| | | | ≻ | Principles and techniques of Counseling. | | |

| Unit | Hrs. | Content | | |
|-------|------|---|--|--|
| IX 10 | | NURSING PRACTICE | | |
| | | Framework, Scope and trends. | | |
| | | Alternative modalities of care, alternative systems of | | |
| | | complementary therapies. | | |
| | | Extended and Expanded role of the nurse in promotive, | | |
| | | preventive, curative and restorative health care delivery | | |
| | | system in community and institutions. | | |
| | | Health promotion and primary health care. | | |
| | | Independent practice issues – Independent nurse midwifery practitioner. | | |
| | | Collaboration issues and models within and outside nursing. | | |
| | | Models of prevention. | | |
| | | Family nursing, Home nursing. | | |
| | | Gender sensitive issues and women empowerment. | | |
| | | Disaster nursing. | | |
| | | Geriatric considerations in nursing. | | |
| | | Evidence based nursing practice. | | |
| | | Trans- cultural nursing. | | |
| Х | 25 | COMPUTER APPLICATION FOR PATIENT CARE | | |
| | | DELIVERY SYSTEM AND NURSING PRACTICE | | |
| | T = | Use of computers in teaching, learning, research and nursing | | |
| | 10 | practice. | | |
| | P = | Windows, MS office, Word, Excel, Power Point. | | |
| | 20 | Internet, Literature search. | | |
| | | Statistical packages. | | |
| | | Hospital management information system software. | | |

Practical-

Clinical posting in the following areas:

- Specialty area inpatient unit- 2 weeks
- Community Health Center / PHC 2 weeks
- Emergency / ICU- 2 weeks

Activities

- Prepare case studies with nursing process approach and theoretical basis
- Preparation of comparative picture of theories
- Family case work using model of prevention.
- Annotated Bibliography.
- Report of field visit (5)

Methods of Teaching

- Lecture cum discussion
- Seminar
- Panel Discussion
- Debate
- Case Presentation
- Exposure to Scientific Conferences
- Field Visits

Methods of Evaluation

- Tests
- Presentation
- Seminar
- Written Assignments

Advance nursing Procedures

Definition, Indication and nursing implications;

CPR, TPN, Hemodynamic monitoring, Endotrcheal intubation, Tracheostoma, mechanical ventilation, Pacemaker, Hemodialysis, Peritonial dialysis, LP, BT Pleural and abdominal paracentesis OT techniques, Health assessment, Triage, Pulse oxymetry.

Internal Assessment

| Ineory | |
|----------------------|-----------|
| Techniques | Weightage |
| Test (2tests) | 100 |
| Assignment (02) | 50 (25x2) |
| Seminar | 25 |
| | 175 |
| Nursing Procedure | |
| Physical Examination | 100 |
| Family care study | 50 |
| Nursing care plan | 25 |
| Clinical Evaluation | 100 |
| | 275 |
| Convert out of 25 | |
| | |

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- 1. Potter A. P., Perry A. G.2005 Fundamental of Nursing C. V. Mosby company, Louis 6th edition.
- 2. Kozier B et al, Fundamentals of nursing concepts, process and practice, Pearson education, inc 2nd Indian print 2004.
- 3. Brunner and Suddarth Textbook of medical surgical nursing 10th edition 2002.
- 4. Zwemer A. Professional Adjustments and Ethics for nurse in India BI publications, Bangalore 6th edition 1995.
- 5. Rosdhal, Fundamentals of Nursing, Lippincott Company 2003.
- 6. Bolander, Fundamentals of nursing, Saunders 1994.
- Carol Taylor Fundamentals of Nursing, Carol Lillis et al Lippincot, 5th edition 2005.
- 8. Basavanthappa B T 2007 Nursing Theories Jaypee brothers
- 9. Pearson Alan , Vaughan B. Fitzgerald M (.2005) Nursing models for practice 3 edition Elsevier Limited.
- 10. Alligood M. R., Tomey A M . (2006) Nursing theory Utilization and Application S T : Louis Mosby.
- 11. J E Park textbook Preventive and social Medicine17th edition.
- 12. Gulanick, M. and Myers, J.L. (2007) Nursing care plans 6th edition St. Louis: Missou

M. SC. NURSING- ADVANCE NURSING PRACTICE SEMINAR – EVALUATION

Name of the student: _____

Batch:-____Date:-____

Topic:-_____

Name of the Supervisor:-_____

Total Marks: 25

| S.N | Criteria | Assigned Marks | Obtained Marks |
|-----|----------------------------|----------------|-----------------------|
| 1. | Organization | 2 | |
| 2. | Content | 10 | |
| 3. | Preparation of environment | 1 | |
| 4. | Poise | 1 | |
| 5. | Clarity of ideas | 1 | |
| 6. | Modulation | 1 | |
| 7. | Audibility | 1 | |
| 8. | Gestures & mannerism | 1 | |
| 9. | AV aids | 2 | |
| 10. | Class management | 1 | |
| 11. | Group participation | 1 | |
| 12. | Grooming | 1 | |
| 13. | Bibliography | 1 | |
| 14. | Conclusion | 1 | |
| | | 25 Marks | |

Criteria

Remarks: -Total:-Date & Signature of the S

Date & Signature of the Supervisor: Date & Signature of the Student

M. Sc. NURSING- ADVANCE NURSING PRACTICE EVALUATION OF NURSING CARE PLAN

Student's name-Batch-Year-Ward/dept-Supervisor name-Marks 25

Name of the patient-Diagnosis-

| S.N | Criteria | Assigned marks | Obtained marks |
|-----|-----------------------------------|----------------|----------------|
| 1. | Elicits relevant history | 3 | |
| 2. | Make quick and valid | 4 | |
| | assessment | | |
| 3. | Identifies problems/needs | 2 | |
| 4. | Formulates nursing diagnosis | 4 | |
| 5. | Prioritizes the nursing diagnosis | 2 | |
| 6. | Plan care for any two priority | 2 | |
| | needs | | |
| 7. | List the outcome criteria | 1 | |
| 8. | Implements care for any two | 5 | |
| | priority needs | | |
| 9. | Evaluates the care | 2 | |
| | (nurses notes based on actual | | |
| | care given every day) | | |
| | | 25 marks | Total- |

Remarks: -

Signature of student

Signature of Teacher

EVALUATION CRITERIA FOR WRITTEN ASSIGNMENT

Total Marks = 25

| S.N. | Criteria | Marks |
|------|----------------|-------|
| 1. | Content | 10 |
| 2. | Organization | 05 |
| 3. | Resources used | 03 |
| 4. | Completeness | 03 |
| 5. | Neatness | 02 |
| 6. | Bibliography | 02 |

NURSING RESEARCH AND STATISTIC

PART-A

PLACEMENT: I SEMESTER

Hours of Instruction Theory : 100 Hours: Practical: 50 Hours: Total : 150 Hours

PART A: NURSING RESEARCH

Course Description:-

The Course is designed to assist the students to acquire an understanding of the research methodology and statistical methods as a basis for identifying research problem, planning and implementing a research plan. It will further enable the students to evaluate research studies and utilize research findings to improve quality of nursing practice, education and management.

General Objectives:

At the end of the course, the students will be able to:

- 1. Define basic research terms and concepts.
- 2. Review literature utilizing various sources.
- 3. Describe research methodology
- 4. Develop a research proposal.
- 5. Conduct a research study.
- 6. Analyze and interpret the research data.
- 7. Communicate research findings.
- 8. Utilize research findings
- 9. Critically evaluate nursing research studies.
- 10. Write scientific paper for publication.

Content Outline

| Sr. No | Unit | Contacts | Hours |
|-----------|------|--|-------|
| 1. | Ι | INTRODUCTION : | 10+2 |
| | | • Methods of acquiring knowledge | |
| | | problem solving and scientific | |
| | | method. | |
| | | • Inductive and deductive reasoning. | |
| | | • Research – definition, | |
| | | Characteristics, purposes, kinds of research. | |
| | | • Historical Evolution of research in nursing. | |
| | | Basic research terms. | |
| | | Scope of nursing research : areas, | |
| | | problems in nursing, health and | |
| | | social research, | |
| | | • Role of research in nursing | |
| | | Evidence based practice | |
| | | • Ethics in research | |
| | | Overview of Research process | |
| 2. | II | REVIEW OF LITERATURE | 3+5 |
| 2. | 11 | • Importance, purposes, scope, | 5-5 |
| | | sources, criteria for selection of | |
| | | resources and steps in reviewing | |
| | | literature. | |
| 3. | Ш | RESEARCH APPROACHES AND | 12 |
| 5. | | DESIGNS | 12 |
| | | • Type: Quantitative and Qualitative | |
| | | • Historical, survey and experimental | |
| | | - Characteristics, types advantages | |
| | | and disadvantages | |
| | | • Qualitative: Phenomenology, | |
| | | grounded Theory, ethnography. | |
| | | • Research designs, its importance , | |
| | | characteristics of good design. | |
| | | • Threats to internal and external | |
| | | validity | |
| 4. | IV | RESEARCH PROBLEM : | 10+5 |
| | | • Identification of research problem, | |
| | | • Sources of research problem | |
| | | • Formulation of problem statement | |
| | | and research objectives. | |
| | | Definition of terms Assumptions | |
| | | and delimitations and limitation. | |

| Sr. No | Unit | Contacts | Hours |
|-----------|------|---|-------|
| | | Identification of variables. | |
| | | • Hypothesis – definition, | |
| | | formulation and types | |
| 5. | V | DEVELOPING THEORETICAL / | 5+5 |
| | | CONCEPTUAL FRAMEWORK | |
| | | • Theories: Nature, Characteristics, | |
| | | Purpose and uses. | |
| | | • Using, testing and developing | |
| | | conceptual framework, models and | |
| | | Theories | |
| 6. | VI | SAMPLING | |
| | | Population and sample | 6 |
| | | Factors influencing sampling | |
| | | Sampling techniques | |
| | | • Sample size | |
| | | Probability and sampling Error | |
| | | Problems of sampling | |
| 7. | VII | TOOLS AND METHODS OF | 20+10 |
| | | DATA COLLECTION : | |
| | | Concepts of data collection | |
| | | • Data sources, methods/techniques | |
| | | quantitative and qualitative | |
| | | • Tools for data collection – types, | |
| | | characteristics and their | |
| | | development | |
| | | • Validity and reliability of tools | |
| 0 | | Procedure for data collection | |
| 8. | VIII | IMPLEMENTING RESEARCH PLAN | 5 |
| | | • Pilot study, review research plan | |
| | | (design), planning for data | |
| | | collection, administration of tool / | |
| | | interventions, collection of data | |
| 9. | IX | ANALYSIS AND | 12+10 |
| | | INTERPRETATION OF DATA | |
| | | • Plan for data analysis: quantitative | |
| | | and qualitative | |
| | | Descriptive and Inferential Applysic | |
| | | Analysis | |
| | | • Preparing data for computer analysis and presentation | |
| | | Statistical analysis | |
| | | 2 | |
| | | Interpretation of data | |

| Sr. No | Unit | Contacts | Hours |
|-----------|------|---|-------|
| | | Conclusion and generalizations | |
| | | Summary and discussion | |
| 10. | х | REPORTING AND UTILIZING RESEARCH FINDINGS: Communication of research results; oral and written Writing research report purposes, methods and style-Vancouver, American Psychological Association (APA), Campbell etc. Writing scientific article for publication: purposes & style | 10 |
| 11. | XI | Critical analysis of research reports and articles | 3+6 |
| 12. | XII | Developing and presenting a research proposal | 4+7 |

Activities:

- Annotated Bibliography of research reports and articles
- Review of literature of selected topic and reporting
- Formulation of problem statement, objective and hypothesis
- Developing theoretical/conceptual framework.
- Preparation of a sample research tool
- Conducting validity and reliability of research tool
- Analysis and interpretation of given data
- Developing and presenting research proposal
- Journal club presentation
- Critical evaluation of selected research studies
- Writing a scientific paper

Internal Assessment:

| Theory | |
|---------------------------|--------------|
| Test (02) | 65 (15+50) |
| Journal Presentation (02) | 50 (25each) |
| Research Critique | 50 (25 each) |
| Review of Literature (01) | 50 |
| Research Project | 100 |
| | 315 |
| | |

Convert out of 15

I. Assignments

- i. Review of literature on topic of Interest (At least 20 books and 20 Journals) - 50 marks
- ii. Critiquing (1 journal &1research study) 25 marks each

II. Presentation

• Presentation of two related researches - 25 marks each

INTERNAL ASSESSMENT SENT TO UNIVERSITY OUT OF 100 MARKS.

Method of Teaching

- Lecture cum discussion
- Seminar / Presentations
- Project
- Classroom exercises
- Journal club

Methods of Evaluation

- Quiz, Tests (term)
- Assignments / Term paper
- Review of literature of at least 20 Journals and 20 book -
- Research Critiques-
- Presentations- Presentation of two related researches

References – for Nursing Research and Statistics

- 1. Basavan thappa, B.T., Nursing Research, Jaypee Brothers, New Delhi, 2003.
- 2. Garrett, H.E. Statistic in Psychology & education. Vakils, Feiffer and Samons, Bombay.
- 3. Mahajan, B.K. Methods in Biostatistics, Jyppe. 6th ed.1999.
- 4. Rose Hott & Budin. Notter's Essentials of Nursing Research 5th ed. spinger publisher, Newyork. 1999
- 5. Patricial Nunhall. Nursing Research 3rd ed. James & Bar. 2001. Canada
- 6. Caroly M.H. Research methods for clinical Therapists Applied project design and analysis second ed.1999. Churchill Livingstone.
- 7. P.K. Indrani, T.K. Research Methods for Nurses. Jyppe, 2005.
- 8. Cliffordetal, Getting Research into Practice, Churchill Livingstone, New York, 2004.
- 9. Freshwater, D & Bishop, V, Nursing Research In Context, Palgrave Macmillan, New York, 2004.
- 10. Freshwater, D & Bishop, V, Nursing Research In Context, Palgrave Macmillan, New York, 2004.
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- 13. Burns & Grovo. Understanding Nursing Research. 4thed. Elsevier. 2007
- 14. Polit, Beck & P. Hungler" Nursing Research methods, Appraisal & Utilization" 5th edition 2001, Lippincott.
- 15. Specials & Carpenter Qualitative Research in Nursing Advancing the Humanistic imperative 4th ed. Lippincott Williams. 2007.

Journals:

- 1. Journal of nursing practice and research.
- 2. Indian journal of medical ethics

NURSING CRITERIA FOR JOURNAL PRESENTATION

Name of the student_____ Date:______ Time:_____

Name of the evaluator :

| S.No. | Criteria | Score Alloted | Mark Obtained |
|-------|------------------------|---------------|---------------|
| 1 | Selection Of The Topic | 5 | |
| | (Reevancy and Content) | | |
| 2 | Presentation | 5 | |
| 3 | Statistical Analysis | 5 | |
| 4 | Application | 5 | |
| 5 | Group Discussion | 5 | |
| | Total Score | 25 | |

Remark of the Evaluator:-

Signature of the Evaluator:-

Signature of the Evaluator

NURSING RESEARCH AND STATISTICS **EVALUATION CRITERIA FOR DISSERTATION CRITIQUE**

Name of the Students_____ Date: _____

Time:

Name of the Evaluator:

| S. N. | Criteria | Score allotted | Marks obtained |
|-------|--|-------------------|-------------------|
| 1. | Selection of the Topic (Relevancy & Content) | 05 | obtailiea |
| 2. | Usefulness of the study | 02 | |
| 3. | Objective of the study | 03 | |
| 4. | Chapter-I | 05 | |
| 5. | Chapter-II | 05 | |
| 6. | Chapter-III | 05 | |
| 7. | Chapter-IV | 05 | |
| 8. | Chapter-V | 05 | |
| 9. | Implications & Recommendations | 03 | |
| 10. | Reference | 02 | |
| 11. | Application | 05 | |
| 12. | Group Discussion | 05 | |
| 13. | Total Score | 25 | |

Remarks of the Evaluator :

Signature of the Evaluator :

Signature of the Students

STATISTICS PART: B

PLACEMENT : I SEMESTER

Hours of Instruction Theory : 50 Hours Practical: 50 Hours Total : 100 Hours

Course Description

At the end of the course, the students will be able to develop an understanding of the statistical methods and apply them in conducting research studies in nursing.

General Objectives

At the end of the course the students will be able to

- 1. Explain the basic concepts related to statistics
- 2. Describe the scope of statistics in health and nursing
- 3. Organize, tabulate and present data meaningfully
- 4. Use descriptive and inferential statistics to predict results.
- 5. Draw conclusions of the study and predict statistical significance of the results.
- 6. Describe vital health statistics and their use in health related research
- 7. Use statistical packages for data analysis.

Course Content

| S.N. | Unit | Course content | Hours |
|------|------|--|-------|
| 1 | Ι | INTRODUCTION : | 7+4 |
| | | • Concepts, types, significance, and scope of statistics | |
| | | meaning of data, parametric and non-parametric data | |
| | | • Sample, parameter | |
| | | • Type and levels of data and their measurement | |
| | | • Organization and presentation of data – Tabulation of | |
| | | data: | |
| | | • Frequency distribution | |
| | | Graphical and tabular presentations | |
| 2 | II | MEASURES OF CENTRAL TENDENCY: | 4+4 |
| | | • Mean, Median, mode | |
| 3 | III | MEASURES OF VARIABILITY: | 4+5 |
| | | Range, Percentiles, average deviation, quartile | |
| | | deviation, standard Deviation | |
| 4 | IV | NORMAL DISTRIBUTION : | 3+2 |
| | | • Probability, Characteristics and application of normal | |
| | | probability curve; sampling error. | |
| | | Cumulative distribution | 2+2 |
| | | • The cumulative frequency graph, Percentiles and | |
| | | percentile ranks | |
| | | • The Cumulative percentage curve or give curve | |
| 5 | V | MEASURES OF RELATIONSHIP : | 6+8 |
| | | • Correlation – need and meaning | |
| | | Rank order correlation | |
| | | Scatter diagram method | |
| | | Product moment correlation | |
| | | • Simple linear regression analysis and prediction. | |
| 6 | VI | DESIGNS AND MEANING: | 4+2 |
| | | • Experimental designs | |
| | | • Comparison in pairs, randomized block design, Latin | |
| | | squares | |
| 7 | VII | SIGNIFICANCE OF STATISTIC AND | 8+10 |
| | | SIGNIFICANCE OF DIFFERENCE BETWEEN | |
| | | TWO STATISTICS (TESTING HYPOTHESIS) | |
| | | • Nonparametric test – Chi – square test, Sign median | |
| | | test, Mann-Whitney test. | |
| | | • Parametric test – 't' test, anova, manova, ancova, | |
| | | Pearson'sr | |
| 8 | VIII | USE OF STATISTICAL METHODS IN | 5+5 |
| | | PSYCHOLOGY AND EDUCATION: | |
| | | • Scaling – Z Score , Z Scaling | |
| | | Standard Score and T score | |

| S.N. | Unit | Course content | Hours |
|------|------|---|-------|
| | | • Reliability of test Scores: test-retest method, parallel forms, spilt half method | |
| 9 | IX | APPLICATION OF STATISTICS IN HEALTH: | 4+2 |
| | | Ratios, Rates, Trends | |
| | | • Vital health statistics – Birth and death rates. | |
| | | • Measures related to fertility, morbidity and mortality | |
| 10 | Х | USE OF COMPUTERS FOR DATA ANALYSIS | 3+6 |
| | | Use of statistical package. | |

Activities-I :

- Exercises on organization and tabulation of data.
- Graphical and tabular presentation of data
- Calculation of descriptive and inferential statistics (Chi, square, t-test, correlation)
- Practice in using statistical package
- Computing vital health statistics

Methods of Teaching:

- Lecture cum-discussion
- Demonstration on data organization, tabulation, calculation of statistics, use of statistical package, Classroom exercises, organization and tabulation of data,
- Computing Descriptive and inferential statistics; vital and health statistics and use of computer for data entry and analysis using statistical package.

Methods of Evaluation:

• Test, Classroom statistical exercises

Internal Assessment

| Ineory | |
|----------------|------------|
| Test (02) | 35 (10+25) |
| Assignment | 50 |
| | 85 |
| Convert out of | 10 |

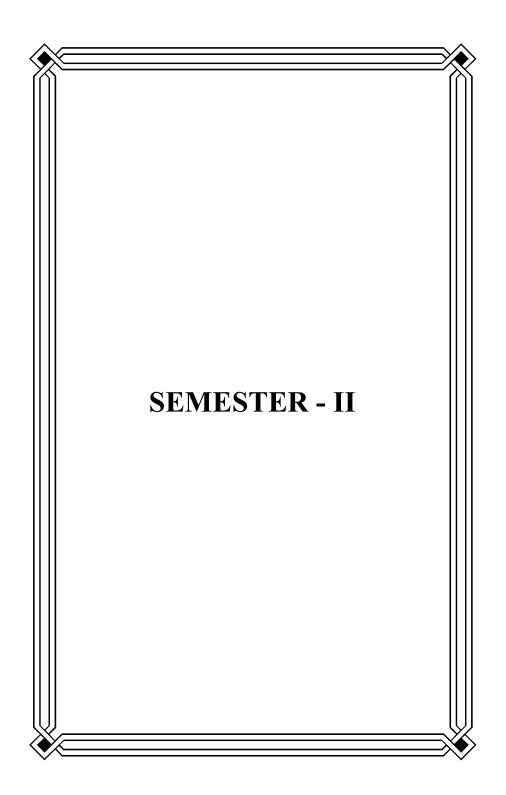
INTERNAL ASSESSMENT SENT TO UNIVERSITY OF 100 MARKS

References – for Nursing Research and Statistics

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- 2. Garrrett, H.E. Statistic in Psychology & education. Vakils, Feffer and Samons, Bombay.
- 3. Mahajan, B.K. Methods in Biostatistics, Jyppe. 6th ed.1999.
- 4. Rose Hott & Budin. Notter's Essentials of Nursing Research 5th ed. spinger publisher, Newyork. 1999
- 5. Patricial Nunhall. Nursing Research 3rd ed. James & Bar. 2001. Canada
- 6. Caroly M. H. Research methods for clinical Therapists Applied project design and analysis second ed.1999. Churchill Livingstone.
- 7. P.K. Indrani, T.K. Research Methods for Nurses. Jyppe, 2005.
- Clifford etal, Getting Research into Practice, Churchill Livingstone, New York, 2004.
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- 12. Polit, D.F. and Beck, C. T. Nursing Research Principles and Methods, 7th Ed, Lippincott Williams Wilkins, New York, 2004.
- 13. Burns and Grovo. Understanding Nursing Research. 4th ed. Elsevier. 2007
- 14. Polit, Beck and P. Hungler" Nursing Research methods, Appraisal and Utilization" 5th edition 2001, Lippincott.
- 15. Specials and Carpenter Qualitative Research in Nursing Advancing the H amanistic imperative 4th ed. Lippincott Williams. 2007

Journals:

- 1. Journal of nursing practice and research.
- 2. Indian journal of medical ethics



CLINICAL SPECIALITY – I MEDICAL SURGICAL NURSING

PLACEMENT : II SEMESTER

Hours of Instruction Theory : 150 Hours Practical: 660 Hours Total : 810 Hours

Course Description

This course is common for the students undergoing clinical specialty - II in Neuro science nursing / cardiovascular & thoracic nursing / critical care nursing /oncology nursing / and rehabilitation nursing / nephro and urology nursing, gastroenterology nursing / geriatric nursing. It is designed to assist students in developing expertise and in depth knowledge in the field of Medical Surgical Nursing. It will help students to appreciate the patient as a holistic individual and develop skill to function as a specialized Medical-Surgical Nurse. It will further enable the students to function as educator, manager and researcher in the field of Medical Surgical Nursing.

Objectives :

At the end of the course the students will be able to :

- 1. Appreciate trends and issues in the field of Medical Surgical Nursing as a specialty
- 2. Apply concepts & theories related to health promotion.
- 3. Appreciate the client as a holistic individual.
- 4. Perform physical, psychosocial assessment of Medical Surgical patients.
- 5. Apply Nursing process in providing care to patients.
- 6. Integrate the concept of family centered nursing care with associated disorder such as genetic, congenital and long-term illness.
- 7. Recognize and manage emergencies with Medical Surgical patient's.
- 8. Describe various recent technologies & treatment modalities in the management of critically ill patients.
- 9. Appreciate the legal & ethical issues relevant to Medical Surgical Nursing.
- 10. Prepare a design for layout and management of Medical Surgical Units.
- 11. Appreciate the role of alternative systems of Medicine in care of patients.
- 12. Incorporate evidence based Nursing practice and identity the areas of research in the field of Medical Surgical Nursing.
- 13. Recognize the role of Nurse practitioner as a member of the Medical Surgical health teams
- 14. Teach Medical Surgical Nursing to undergraduate nursing students & in-service nurses.

Course Content

| S. N. | Unit | Content | Hrs |
|----------|------|--|-----|
| 1. | Ι | INTRODUCTION | 5 |
| | | Historical development of Medical – Surgical Nursing in | |
| | | India. | |
| | | Current status of health and disease burden in India. | |
| | | Current concept of health. | |
| | | Trends and issues in Medical – Surgical Nursing. | |
| | | Ethical & cultural issues in Medical – Surgical Nursing. | |
| | | Rights of patients. | |
| | | National health policy, special laws & ordinances | |
| | | relating to older people. | |
| | | National goals. | |
| | | Five years plans. | |
| | | National health programs related to adult health. | |
| | | Robotic Surgery | |
| 2. | II | HEALTH ASSESSMENT OF PATIENTS | 20 |
| | | History taking. | |
| | | Physical examination of various systems. | |
| | | Nutritional assessment. | |
| | | Related investigations and diagnostic assessment. | |
| 3. | III | CARE IN HOSPITAL SETTINGS: | 5 |
| | | Ambulatory care. | |
| | | Acute and Critical care. | |
| | | Long term care. | |
| | | Home Health Care Characteristics care models practice settings | |
| | | , characteristics, care models, practice settings, | |
| | | interdisciplinary team. Hospitalization - effects of hospitalization on the patient | |
| | | & family. | |
| | | Stressors & reactions related to disease process | |
| | | Nursing care using Nursing process approach | |
| 4. | IV | MANAGEMENT OF PATIENTS WITH DISORDERS OF | 10 |
| т. | | GASTROINTESTINAL TRACT | 10 |
| | | Review of anatomy and physiology. | |
| | | Disorders-etiology, Pathophysiology, Clinical | |
| | | manifestations, complications, prognosis. | |
| | | Health assessment- History taking, physical | |
| | | examination, investigation and diagnostic assessment. | |
| | | Treatment modalities and trends. | |
| | | Nursing management. | |
| | | Related research studies. | |
| | | Evidence based nursing practice. | |
| | | Rehabilitation and follow-up | |

| S. N. | Unit | Content | Hrs |
|----------|-------|---|-----|
| 5. | V | MANAGEMENT OF PATIENTS WITH DISORDERS OF | 10 |
| | | NERVOUS SYSTEM | |
| | | Review of anatomy and physiology. | |
| | | Disorders- etiology, Patho physiology, Clinical | |
| | | manifestations, complications, prognosis. | |
| | | Health assessment- History taking, physical | |
| | | examination, investigation and diagnostic assessment. | |
| | | Treatment modalities and trends. | |
| | | Nursing management. | |
| | | Related research studies. | |
| | | Evidence based nursing practice. | |
| | | Rehabilitation and follow-up | |
| 6. | VI | MANAGEMENT OF PATIENTS WITH DISORDERS OF | 10 |
| | | RESPIRATORY SYSTEM | |
| | | Review of anatomy and physiology. | |
| | | Disorders- etiology, Patho physiology, Clinical | |
| | | manifestations, complications, prognosis. | |
| | | Health assessment- History taking, physical | |
| | | examination, investigation and diagnostic assessment. | |
| | | Treatment modalities and trends. | |
| | | Nursing management. | |
| | | Related research studies. | |
| | | Evidence based nursing practice. | |
| | | Rehabilitation and follow-up | |
| 7. | VII | MANAGEMENT OF PATIENTS WITH DISORDERS OF | 10 |
| | | CARDIOVASCULAR SYSTEM | |
| | | Review of anatomy and physiology. | |
| | | Disorders- etiology, Patho physiology, Clinical | |
| | | manifestations, complications, prognosis. | |
| | | Health assessment- History taking, physical | |
| | | examination, investigation and diagnostic assessment. | |
| | | Treatment modalities and trends. | |
| | | Nursing management. | |
| | | Related research studies. | |
| | | Evidence based nursing practice. | |
| | | Rehabilitation and follow-up ECP | |
| 8. | VIII | MANAGEMENT OF PATIENTS WITH DISORDERS OF | 5 |
| 0. | V 111 | BLOOD | 5 |
| | | Review of anatomy and physiology. | |
| | | Disorders- etiology, Patho physiology, Clinical | |
| | | manifestations, complications, prognosis. | |
| | | Health assessment- History taking, physical | |
| | | examination, investigation and diagnostic assessment. | |
| | | Treatment modalities and trends. | |
| | | | |

| S. N. | Unit | Content | Hrs |
|----------|------|---|-----|
| | | Nursing management. | |
| | | Related research studies. | |
| | | Evidence based nursing practice. | |
| | | Rehabilitation and follow-up | |
| 9. | IX | MANAGEMENT OF PATIENTS WITH DISORDERS OF | 10 |
| | | GENITOR URINARY SYSTEM | |
| | | Review of anatomy and physiology. | |
| | | Disorders- etiology, Patho physiology, Clinical | |
| | | manifestations, complications, prognosis. | |
| | | Health assessment- History taking, physical | |
| | | examination, investigation and diagnostic assessment. | |
| | | Treatment modalities and trends. | |
| | | Nursing management. | |
| | | Related research studies. | |
| | | Evidence based nursing practice. | |
| | | Rehabilitation and follow-up | |
| 10. | Χ | MANAGEMENT OF PATIENTS WITH DISORDERS OF | 10 |
| | | ENDOCRINE SYSTEM | |
| | | Review of anatomy and physiology. | |
| | | Disorders- etiology, Patho physiology, Clinical | |
| | | manifestations, complications, prognosis. | |
| | | Health assessment-History taking, physical examination, | |
| | | Investigation and diagnostic assessment. | |
| | | Treatment modalities and trends. | |
| | | Nursing management. | |
| | | Related research studies. | |
| | | Evidence based nursing practice. | |
| | | Rehabilitation and follow-up | |
| 11. | XI | MANAGEMENT OF PATIENTS WITH DISORDERS OF | 10 |
| | | MUSCULO-SKELETAL SYSTEM | |
| | | Review of anatomy and physiology. | |
| | | Disorders- etiology, Patho physiology, Clinical | |
| | | manifestations, complications, prognosis. | |
| | | Health assessment- History taking, physical | |
| | | examination, Investigation and diagnostic assessment. | |
| | | Treatment modalities and trends. | |
| | | Nursing management. | |
| | | Related research studies. | |
| | | Evidence based nursing practice. | |
| | | Rehabilitation and follow-up | |
| 12. | XII | MANAGEMENT OF PATIENTS WITH DISORDERS OF | 8 |
| | | INTEGUMENTORY SYSTEM | |
| | | Review of anatomy and physiology. | |
| | | Disorders- etiology, Patho physiology, Clinical | |
| | | manifestations, complications, prognosis. | |

| S. N. | Unit | Content | Hrs |
|----------|------|--|-----|
| | | Health assessment- History taking, physical | |
| | | examination, investigation and diagnostic assessment. | |
| | | Treatment modalities and trends. | |
| | | Nursing management. | |
| | | Related research studies. | |
| | | Evidence based nursing practice. | |
| | | Rehabilitation and follow-up | |
| 13. | XIII | MANAGEMENT OF PATIENTS WITH DISORDERS OF | 5 |
| | | EYE AND ENT | |
| | | Review of anatomy and physiology. | |
| | | Disorders- etiology, Patho physiology, Clinical | |
| | | manifestations, complications, prognosis. | |
| | | Health assessment- History taking, physical | |
| | | examination, Investigation and diagnostic assessment. | |
| | | Treatment modalities and trends. | |
| | | Nursing management. | |
| | | Related research studies. | |
| | | Evidence based nursing practice. | |
| | | Rehabilitation and follow-up | |
| 14. | XIV | MANAGEMENT OF PATIENTS WITH DISORDERS OF | 8 |
| | | REPRODUCTIVE SYSTEM | |
| | | Review of anatomy and physiology. | |
| | | Disorders- etiology, Patho physiology, Clinical | |
| | | manifestations, Complications, prognosis. | |
| | | Health assessment-History taking, physical examination, | |
| | | Investigation and diagnostic assessment. | |
| | | Treatment modalities and trends. | |
| | | Nursing management. | |
| | | Related research studies. | |
| | | Evidence based nursing practice. | |
| | | Rehabilitation and follow-up | |
| 15. | XV | GERIATRIC NURSING | 8 |
| | | Nursing Assessment – History and Physical assessment. | |
| | | Ageing. | |
| | | Demography; Myths and realities. | |
| | | Concepts and theories of ageing. | |
| | | Cognitive Aspects of Ageing. | |
| | | Normal biological ageing. | |
| | | Age related body systems changes | |
| | | Psychosocial Aspects of Ageing. | |
| | | Medications and elderly. | |
| | | Stress & coping in older adults. | |
| | | Common Health Problems & Nursing Management; | |
| | | Psychosocial and Sexual. | |
| | 1 | Abuse of elderly. | |

| S. N. | Unit | Content | Hrs |
|----------|--------------|---|-----|
| | | Role of nurse for care of elderly; ambulation, nutritional, | |
| | | Communicational, psychosocial and spiritual. | |
| | | Role of nurse for caregivers of elderly. | |
| | | Role of family and formal and non-formal caregivers. | |
| | | Use of aids and prosthesis (hearing aids, dentures, | |
| | | Legal & Ethical Issues. | |
| | | Provisions and Program for elderly; privileges, | |
| | | Community | |
| | | Programs and health services. | |
| | | Home and institutional care. | |
| 1.6 | ***** | Issues, problems and trends. | 0 |
| 16. | XVI | MANAGEMENT OF PATIENTS WITH | 8 |
| | | COMMUNICABLE AND SEXUALLY TRANSMITTED | |
| | | DISEASES: | |
| | | Review of immune system. | |
| | | Disorders of immune system – HIV / AIDS. | |
| | | Review of infectious disease process. | |
| | | Communicable diseases- etiology, Patho physiology, | |
| | | Clinical manifestations complications, prognosis | |
| | | Health assessment- History taking physical examination, | |
| | | investigation and diagnostic assessment. | |
| | | Treatment modalities and trends. | |
| | | Nursing management. | |
| | | Related research studies. | |
| | | Evidence based nursing practice. Delabilitation and fellow and | |
| 17 | X7X 7 | Rehabilitation and follow-up | 0 |
| 17. | XV II | EMERGENCY, TRAUMA AND MULTI-SYSTEM | 8 |
| | 11 | ORGAN FAILURE | |
| | | DIC (disseminated intravascular coagulation) Trauma, burns, poisoning | |
| | | , | |
| | | j Euclogy, i will physiclegy, chillen inwill council, | |
| | | complications, prognosis.Health assessment-History taking, physical examination, | |
| | | investigation and diagnostic assessment. | |
| | | Treatment modalities and trends. | |
| | | Nursing management. | |
| | | Related research studies. | |
| | | Evidence based nursing practice. | |
| | | Rehabilitation and follow-up | |
| L | I | Renaonitation and ronow-up | |

Internal Assessment

| Theory | |
|-------------------------|-----------|
| Tests (02) | 100 |
| Seminar | 100 |
| Topic Presentation | 50 |
| Written assignment (02) | 50 (25x2) |
| Drug study | 25 |
| Diet | 25 |
| | 350 |
| G | |

 $Convert \ out \ of \ 25$

Practical

| Tattital | |
|------------------------|--------------|
| Tests (02) | 125 |
| Nursing Care Plan (03) | 150 (50x3) |
| Case study (02) | 100 (50x 2) |
| Nursing Care Plan (02) | 100 (50 x2) |
| Project | 100 |
| Clinical Evaluation | 300 (100x3) |
| | 875 |

PRACTICAL

Total = 660 Hours 1 week = 30 Hours

| S.N | Dept / unit | No. of week | Total hours |
|-----|-------------------------------|--------------|-------------|
| 1 | OPD | 1 | 30 Hours |
| 2 | Eye Ward | 1 | 30 Hours |
| 3 | ENT | 1 | 30 Hours |
| 4 | Dermatology Ward | 1 | 30 Hours |
| 5 | Burn and Plastic Surgery Ward | 1 | 30 Hours |
| 6 | Medical Surgical ICU | 4 | 110 Hours |
| 7 | Emergency Department | 2 | 60 Hours |
| 8 | Cancer Ward | 1 | 30 Hours |
| 9 | Cardio-Thoracic Ward | 3 | 90 Hour |
| 10 | Neuro | 2 | 60 Hours |
| 11 | Orthopedic Ward | 2 | 60 Hours |
| 12 | Nephro-Uro | 2 | 60 Hours |
| 13 | GI Units | 1 | 30 Hours |
| | Т | otal 22 Week | 650 Hours |

Student Activities:

- Clinical presentations
- History taking
- Health Assessment
- Nutritional Assessment
- Health Education related to disease conditions
- Case studies
- Projects work
- Field visit

Essential Nursing Skills

- Health assessment
- Triage
- CPR
- Pulse oxymetry

EVALUATION BASIS

Theory

- 1. Test paper = 25 marks
- Pre-final = 100 marks
- 2. Other Assignment
- Seminar = 100 marks
- Project work = 100 marks
 - Total = 325 marks

Internal Assessment Total marks out of 100 External Examination Total marks out of 100

Practical Experience Assignments

| Case study : 02 | $(50 \text{ marks each}) 50 \ge 2 = 100$ |
|------------------------------------|--|
| Case Presentation : 02 | (50 marks each) 50 x 2 = 100 |
| Care Plan : 03 | (50 marks each) 50 x 3 = 150 |
| Clinical Performance Evaluation: (| 03 (100 marks each) 100 x 3 = 300 |
| | Total = 650 |
| Internal Assessment Total marks of | ut of 100 |

External Assessment Total marks out of 100

M. Sc. NURSING: CLINICAL SPECIALITY - I

PROFORMA & GUIDELINE FOR CASE STUDY

- Area :- (Maximum Marks 50)
- 01. Selection of patient.
- 02. Demographic data of the patient.
- 03. Medical history past and present illness.
- 04. Comparison of the patient's disease with book picture.
 - a) Anatomy and physiology.
 - b) Etiology.
 - c) Path physiology.
 - d) Signs and symptoms.
 - e) Diagnosis provisional & final
 - f) Investigations
 - g) Complications & prognosis.
- 05. Management:- Medical or Surgical
 - a) Aims and objectives.
 - b) Drugs and Medications.
 - c) Diet.
- 06. Nursing Management (Nursing Process approach)
 - a) Aims and objectives.
 - b) Assessment and specific observations.
 - c) Nursing diagnosis.
 - d) Nursing care plan (Short term & long term with rationale.)
 - e) Implementation of nursing care with priority.
 - f) Health teaching.
 - g) Day to day progress report & evaluation.
 - h) Discharge planning.
- 07. Drug Study.
- 08. Research evidence.
- 09. Summary and conclusion.
- 10. Bibliography.

EVALUATION CRITERIA FOR CASE STUDY

| S. N. | Criteria | Marks allotted | Obtained marks |
|----------|---|-------------------|-------------------|
| 1. | Assessment | 5 | |
| 2. | Theoretical knowledge about disease | 5 | |
| 3. | Comparative study of the patient's disease and book | 10 | |
| | picture | | |
| 4. | Management: Medical or Surgical | 5 | |
| 5. | Nursing Process | 15 | |
| 6. | Drug study | 3 | |
| 7. | Summary & conclusion including research evidence | 5 | |
| 8. | Bibliography | 2 | |
| | | Total- 50 | |

Signature of Student

Signature of Clinical supervisor

CLINICAL SPECIALITY - I

PROFORMA & GUIDELINE FOR CASE PRESENTATION

I] Patient Bio-data

Name, Age, Sex, Religion, Marital status, Occupation, Source of health Care, Date of admission, Provisional Diagnosis, Date of surgery if any.

II] Presenting complaints

Describe the complaints with which the child has been brought to the hospital

III] Socio-economic status of the family: Monthly income, expenditure on health, food, Education etc.

IV] History of Illness (Medical & Surgical)

- i) History of present illness onset, symptoms, duration, precipitating / aggravating factors
- ii) History of past illness surgery, allergies, medications etc.
- iii) Family history Family tree, history of illness in the family members, risk factors, congenital problems, psychological problems etc.
- V] Diagnosis: (Provisional & confirmed).

Description of disease: Includes the followings

- 1. Definition.
- 2. Related anatomy and physiology
- 3. Etiology & risk factors
- 4. Path physiology
- 5. Clinical features.

VI] Physical Examination of Patient (Date & Time)

Physical examination: with date and time.

Clinical features present in the book Present in the patient

VII] Investigations

Date Investigation done Results Normal value Inferences

VIII] Management - (Medical /Surgical)

a) Aims of management

b) Objectives of Nursing Care Plan

IX] Treatment:

S.No Drug (Pharmacological name) Dose Frequency/ Time Action Side effects & drug reaction Nurse's responsibility

- Medical or Surgical Management.
- Nursing management

X] Nursing Care Plan: Short Term & Long Term plan.

- Assessment Nursing
- Diagnosis
- Objective Plan of
- care
- Rationale Implementation Evaluation
- **XI] Discharge planning:** It should include health education and discharge planning given to the patient.

XII] Prognosis of the patient:

XIII] Summary of the case:

IVX] References:

| S. | Criteria | Marks | Marks | Total |
|----|--|----------|----------|-------|
| n | | Allotted | Obtained | |
| 1 | Content Subjective & objective data. | 08 | | |
| 2 | Problems & need Identified & Nsg Care Plan | 15 | | |
| 3 | Effectiveness of presentation | 5 | | |
| 4 | Co-relation with patient & Book i.e. | 10 | | |
| | research evidence. | | | |
| 5 | Use of A. V. Aids | 5 | | |
| 6 | Physical arrangement | 2 | | |
| 7 | Group participation | 3 | | |
| 8 | Bibliography & references | 2 | | |
| | Total | 50 | | |

EVALUATION CRITERIA FOR CASE PRESENTATION

Signature of Student

Signature of Clinical supervisor

MEDICAL SURGICAL NURSING EVALUATION CRITERIAN FOR PROJECT

Name of the Student: Date/ Time: Name of the Evaluator:

| Sn | Criteria | Maximum | Marks |
|------|----------------------------|---------|----------|
| | | score | obtained |
| I | Content | 25 | |
| II | Organization | 10 | |
| III | Presentation | 15 | |
| IV | Innovations | 10 | |
| V | Inclusion of Recent trends | 10 | |
| VI | Clinical Application | 15 | |
| VII | A V Aids | 10 | |
| VIII | Bibliography | 05 | |
| | Total | 100 | |

Remark: Signature of Evaluator

Signature of Student

MEDICAL SURGICAL NURSING

CLINICAL EVALUATION: COMPREHENSIVE NURSING CARE

Name of the Student Year: (Maximum Marks – 100 each area)

Duration of Experience:

| SN | Criteria | 1 | 2 | 3 | 4 | 5 |
|----|--|---|---|---|---|---|
| 1 | Understanding of Patient As Person | | | | | |
| | A. Approach. | | | | | |
| | 1. Rapport with patient/ family members. | | | | | |
| | 2. Collects significant information. | | | | | |
| | B. Understanding of patient's health problems. | | | | | |
| | 1. Knowledge about disease condition. | | | | | |
| | 2. Knowledge about investigations. | | | | | |
| | 3. Knowledge about treatment. | | | | | |
| | 4. Knowledge about progress of the patient. | | | | | |
| 2 | NURSING CARE PLAN | | | | | |
| | A. Assessment of the condition of the patient. | | | | | |
| | 1. History taking – past & present health and illness. | | | | | |
| | 2. Specific observation of the patient. | | | | | |
| | 3. Nursing diagnosis. | | | | | |
| | B. Development of the short – term and long term | | | | | |
| | Nursing care plans. | | | | | |

| SN | Criteria | 1 | 2 | 3 | 4 | 5 |
|----|--|---|---|---|---|---|
| | 1. Identification of all problems in the patient/family. | | | | | |
| | 2. Prioritization & implementation of the plans. | | | | | |
| | 3. Evaluation of the care given and replanning | | | | | |
| 3 | TECHNICAL SKILL | | | | | |
| | 1.Economical and safe adaptation to the situation & | | | | | |
| | available facilities. | | | | | |
| | 2.Implements the procedure with skill speed & | | | | | |
| | completeness. | | | | | |
| 4 | RECORDING & REPORTING | | | | | |
| | 1.Prompt, precise, accurate & relevant. | | | | | |
| | 2. Maintenance of clinical experience file. | | | | | |
| 5 | HEALTH TEACHING | | | | | |
| | 1.Incidental / planned teaching with principles of | | | | | |
| | teaching and learning. | | | | | |
| | 2. Uses visual aids appropriately | | | | | |
| 6 | PERSONALITY | | | | | |
| | 1.Professional appearance (uniform, dignity, tact | | | | | |
| | fullness interpersonal relationship, punctuality etc. | | | | | |
| | 2. Sincerely, honesty & Sense of responsibility. | | | | | |
| | Total Marks | | | | | |

Positive & Negative aspects.

Signature of Student

Signature of Clinical supervisor

REFERENCES

- 1. Black M.J., Hawks H.J., "Medical Surgical Nursing, Clinical Management for positive outcome" 7th Ed., Sauders, Elsevier.
- 2. Smeltzer, Bare Brunner and Suddarths Medical Surgical Nursing.
- 3. The Lippincott Mannual of Nursing practice, Lippincott.
- 4. MANN, RUSSELL, WILLIAMS, Bailey & Love's short practice of Surgery.
- 5. Potter and Perry Fundamentals of Nursing, Elsevier.
- 6. Urdan Bavic, Thelan, Essentials of critical care Nursing.
- 7. Urban, A.N., Greenlac K.K. "Guidelines for critical care Nursing Mosby
- 8. Wood L.S., Freelicher S.E fetal cardiac Nursing. Lippincott Williams and Wilkings.
- 9. Gulanic, Klopp, Galnes fetal Nursing care plans nursing diagnosis and intervention.
- 10. Lewis, Collier and Heitkemper Medical Surgical Nursing assessment and management of clinical problems.

EVALUATION CRITERIA FOR NURSING CARE PLAN

(Maximum Marks – 50) Name of the Student : Date : Field Placement

| S. | Criteria | Marks | Marks | Total |
|-----------|-----------------------------------|----------|----------|-------|
| n | | Allotted | Obtained | |
| 1 | 1. History taking | 6 | | |
| 2 | 2. Assessment of needs & problems | 10 | | |
| 3 | 3. Nursing process | 16 | | |
| 4 | 4. Implementation of care. | 10 | | |
| 5 | 5. Follow-up care | 4 | | |
| 6 | 6. Bibliography | 4 | | |
| | Total | 50 | | |

Remarks

Signature of Students

Signature of Supervisor

COMMUNITY HEALTH NURSING - I

PLACEMENT : II SEMESTER

Hours of Instruction Theory : 150 Hours: Practical: 660 Hours: Total : 810 Hours:

Course Description:

This course is designed to assist students in developing expertise and in-depth understanding in the field of community health nursing. It would help students to appreciate holistic lifestyle of individual, families, groups and develop skills to function as community health nursing specialist/practitioner. It would further enable the students to function as an educator, manager and researcher in the field of community health nursing.

Objective:

At the end of the course the students will be able to:-

- 1. Appreciate the history and development in the field of Community health and Community Health Nursing.
- 2. Appreciate the role of individuals and families in promoting health of the Community.
- 3. Perform physical, developmental and nutritional assessment of individuals, families and groups.
- 4. Apply the concepts of promotive, preventive, curative and rehabilitative aspects of health while providing care to the people.
- 5. Apply nursing process approach while providing care to individuals, families, groups and community.
- 6. Integrate the concepts of family centred nursing approach while providing care to the community.
- 7. Recognize and participate in the management of emergencies, epidemics and disasters.
- 8. Apply recent technologies and care modalities while delivering community health nursing care.
- 9. Appreciate legal and ethical issues pertaining to community health nursing care.
- 10. Conduct community health nursing care projects.
- 11. Participate in planning, implementation and evaluation of various national health and family welfare programmes at local, state and national level.

- 12. Incorporate evidence based nursing practice and identify the areas of research in the community settings.
- 13. Participate effectively as a member of Community Health team.
- 14. Coordinate and collaborate with various agencies operating in the community by using intersectoral and multi-disciplinary approach.
- 15. Teach community health nursing to undergraduates, in-service nurses and the community health workers.
- 16. Demonstrate leadership and managerial abilities in community health nursing practice.

Course Content

| Unit | Content | Theory hr |
|------|---|--------------|
| I | INTRODUCTION | 10 |
| - | Historical development of Community health and community | 10 |
| | health nursing- World and India, various health and family | |
| | welfare committees. | |
| | Current status, trends and challenges of Community Health | |
| | nursing. | |
| | Health status of the community, Scope of community health | |
| | nursing practice. | |
| | Ethical and legal issues, Socio-cultural issues in Community | |
| | health nursing | |
| | National Policies, plans and programmes: | |
| | - National health policy | |
| | - National Population policy | |
| | - National health and welfare programmes | |
| | - National health goals/indicators / Millennium developmental | |
| | goals (MDG) /strategies. | |
| | - Planning process Five years | |
| | - Plan and Health reports. | |
| | - National health rural mission. | |
| Π | HEALTH | |
| | - Concepts, Issues | |
| | - Determinants | |
| | - Measurements | |
| | - Alternate systems for health promotion and management of | |
| | health problems | |
| | - Health economics | |
| | - Health technology | |
| | - Genetics and health | |
| | - Waste disposal | |
| | - Eco system | |
| Ш | POPULATION DYNAMICS AND CONTROL | 15 |
| | □- Demography | |
| | - Transition and theories of population | |
| | - National population policy | |
| | - National population programmes | |
| | - Population control and related programmes | |
| | - Methods of family limiting and spacing | |
| | - Research, Census, National Family Health Survey | |
| IV | COMMUNITY HEALTH NURSING | 30 |
| | - Philosophy, Aims, Objectives, Concepts, Scope, Principles | |
| | & Functions | |
| | - Community health Nursing theories | |
| | - Quality assurance: Community health Nursing standards, | |

| Unit | Content | Theory hr |
|------|--|--------------|
| | competencies, Monitoring community health nursing, | |
| | nursing audits. | |
| | - Health assessment-individuals, groups and community | |
| | - Roles and responsibilities of Community Health Nurse | |
| | - Family nursing and family centered nursing approach | |
| | - Nursing care for special groups; children, adolescents, | |
| | adults, women, elderly, physically an mentally challenged- | |
| | Urban and rural population at large. | |
| | - Community diagnosis, setting objectives | |
| | - Interventions: Micro and macro nursing plans, | |
| | operationalization and evaluation. | |
| | - Concepts, role and responsibilities of community health | |
| | nurse practitioners -decision making skill, follow nursing | |
| | practice standards, advanced nursing practice, | |
| | professionalism, legal issues. | |
| V | IMNC (INTEGRATED MANAGEMENT IF NEONATAL | 45 |
| | AND CHILDHOOD ILLNESS) | |
| | - General danger signs | |
| | - Cough & difficulty in breathing | |
| | - Case assessment practice | |
| | - Diarrhoeas & Dehydration | |
| | - Fever & Ear Problems | |
| | - Anaemia, Nutrition & feeding | |
| | - Counselling & Role play | |
| | - Sick baby assessment | |
| | - Assessment of Newborn | |
| | - Neonatal jaundice | |
| | - Malnutrition | |
| V/I | - Skilled Birth Attendant (SBA) | 15 |
| VI | DISASTER NURSING | 15 |
| | -Definition, concept, types | |
| | -Disaster Management -Triage | |
| | - Nuclear, Biological and Chemical Warfare | |
| | - Disaster preparedness | |
| | | |
| | -Role of a Nurse in Disaster Management and role of a nurse in | |
| | NBC Warfare | |
| VII | INFORMATION, EDUCATION AND | 10 |
| V 11 | COMMUNICATION | 10 |
| | - IEC, Principles and strategies | |
| | - Communication skills | |
| | - Management, information and evaluation system: Records | |
| | and reports | |
| | | |

| Unit | Content | Theory hr |
|------|---|--------------|
| | - Tele-medicine and tele-nursing | |
| | - Journalism | |
| | - Mass Media | |
| | - Folk Media | |
| VIII | HEALTH CARE DELIVERY SYSTEM: URBAN AND | 15 |
| | RURAL | |
| | - Functions, Staffing, Pattern of assistance, layout, drugs, | |
| | equipments and supplies. | |
| | - Village, Sub-Centre, Primary health centre, Community | |
| | Health centre, district hospitals, sub-divisional hospitals, | |
| | district family welfare bureau and tertiary care institution. | |
| | - Critical review of functioning of various levels, evaluation, | |
| | studies, recommendations and nursing perspective | |
| | - Alternative systems of medicine | |
| | - Training and supervision of health workers | |
| | - Health agencies: Roles and functions | |
| | - Inter-sectoral coordination. | |
| | - Public Private partnership | |

PRACTICAL

Total = 660 Hours 1 Week= 30 Hours

| S.n | Deptt/unit | No. Of week | Total hours |
|-----|--------------------------------|-------------|-------------|
| 1 | Sub-Centre, PHC,CHC | 12 | 360 Hours |
| 2 | District family welfare bureau | 1 | 30 hours |
| 3 | Urban centers | 6 | 180 Hours |
| 4 | Field visits | 3 | 90 Hours |
| | Total | 22 Weeks | 660 Hours |

Student Activities

- Identification of community leaders and resource persons (community mapping)
- Community Health Survey
- Community Health Nursing process- individual, family and special groups and community
- Counseling
- Health education- campaign, exhibition, fold media, preparation of IEC materials
- Organizing and participating in special clinics/camps and national health and welfare programmes-Organize at least one health and family welfare mela/fair (all stalls of national health and family welfare activities should be included)

- Estimation of Vital health statistics Exercise.
- Drill for disaster preparedness
- Organize at least one in-service education to ANM's/LHV/PHN/HW
- Nutrition Exercise on nutritional assessment on dietary planning demonstration and education for various age groups
- Filling up of Records, reports and registers maintained at SC/PHC/CHC

□Assist women in self-breast examination

- Conduct vaginal examination
- Conduct deliveries
- Post-natal visits
- Perform Episiotomy and suturing
- Prepare Pap smear
- Conduct Insertion/Removal of IUD
- Blood Slide preparation
- Field visits to Population Control Office, Office for Rural Health Mission, SHEB, Ayurveda Hospital, and Homeopath Hospital
- Maintenance of log book for various activities.

EVALUATIONInternal assessmentTheoryTests (02)100Seminar100Topic Presentation50Journal presentation50Written assignment(02)50 (25x2)350Convert out of 25

| Practical: | |
|---------------------------------|-----------------|
| Test (02) | 125 |
| Family care study (02) | 100 (50x2) |
| Family care plan(02) | 50 (25x2) |
| Clinical Supervision Check list | t (02)50 (25x2) |
| Home Procedure (02) | 100 (50x2) |
| Survey (01) | 100 |
| Project(01) | 50 |
| Health talk(02) | 100 (50x2) |
| Clinical Evaluation (02) | 200 (100x2) |
| | 875 |
| G | |

Convert out of 100

1. EVALUATION CRITERIA FOR FAMILY HEALTH CARE SUTDY (Marks: 50)

| S. | Criteria | Marks | Marks |
|----|---|----------|----------|
| N. | | allotted | Obtained |
| 1 | Introduction & Objective | 02 | |
| 2 | Subjective data | 03 | |
| 3 | Objective data | 05 | |
| 4 | Assessment of Family members | 05 | |
| | (physical mental and social) | | |
| 5 | Health needs identified | 05 | |
| 6 | Planning for family health nursing care | 05 | |
| | (including short term and long term plan) | | |
| 7 | Implementation of home nursing care plan with | 10 | |
| | scientific rationale | | |
| 8 | Health education planning and implementation | 05 | |
| 9 | Planning for diet | 03 | |
| 10 | Drugs study & home care | 02 | |
| 11 | Evaluation : - Outcome of family health care | 02 | |
| | - Self learning as a Nurse | | |
| 12 | Future plan | 01 | |
| 13 | Conclusion & suggestion | 01 | |
| 14 | Use of table / graphs etc. | 01 | |
| | Total | | |

| S.N | Criteria | Marks Allotted | Marks |
|-----|-----------------------------------|----------------|----------|
| | | | Obtained |
| 1 | Objective of supervision | | |
| 2 | Knowledge checklist | | |
| 3 | Skill checklist | | |
| | Organization | | |
| | Explanation, Communication | | |
| | Steps of procedure | | |
| | Recording | | |
| 4 | Nurse- Client interaction | | |
| 5 | Identification of strong and weak | | |
| | points | | |
| 6 | Guidance and assistance extended | | |
| 7 | Method used | | |
| | Direct/ Indirect | | |
| 8 | Method used | | |
| | Direct/ Indirect | | |
| 9 | Style of report presentation | | |
| | Total | | |

2. CLINICAL SUPERVISION CHECK LIST EVALUATION (50 Marks)

3. EVALUATION CRITERIA FOR HOME PROCEDURE EVALUATION (50 Marks)

| Particular | Marks | Marks obtained | |
|------------|--|-------------------|--|
| | Selection of procedures based on family needs | 02 | |
| | Preparation of the bag for the procedure | 05 | |
| | Confidence in use of bag | 05 | |
| | Caring out all the steps of procedure correctly | 05 | |
| | Scientific principles followed while doing procedure | 05 | |
| | Involvement of family while doing procedure | 05 | |
| | Post care of bag and equipment | 05 | |
| | Health education while during and the procedure | 05 | |
| | Disposal of waste | 05 | |
| | Reporting for breakage and loss | 03 | |
| | Recording and reporting | 05 | |

Any two procedures of the following

Physical assessment of

- Neonate
- Infant
- Toddler
- Preschooler

- SchoolerGeriatric
- Antenatal assessment
- Vital signs monitoring
- Wound dressing
- Urine testing
- Hemoglobin estimation
- Blood sugar estimation
- Baby bath

5. EVALUATION CRITERIA FOR FAMILY HEALTH SURVEY / COMMUNITY DIAGNOSIS (50 Marks)

| S.N | Criteria | Marks allotted | Marks Obtained |
|-----|---|----------------|-------------------|
| 1 | Knowledge related to survey | 06 | |
| 2 | Data collection and entry on survey cards | 04 | |
| 3 | Table and tabulation of data | 06 | |
| 4 | Analysis and Interpretation of data | 10 | |
| 5 | Use of visual aids and graphs etc. | 08 | |
| 6 | Proposed future plans | 06 | |
| 7 | Recording in the registers | 10 | |
| | Total Marks | 50 | |

6. EVALUATION CRITERIA FOR HEALTH TALK EVALUATION (100 marks)

| Particular | 1 | 2 | 3 | 4 | 5 | Score |
|--|---|---|---|---|---|-------|
| I) PLANNING AND ORGANISATION | | | | | | |
| a) Formulation of attainable objectives | | | | | | |
| b) Adequacy of content | | | | | | |
| c) Organization of subject matter | | | | | | |
| d) Current knowledge related to subject Matter | | | | | | |
| e) Suitable A. V. Aids | | | | | | |
| II) PRESENTATION | | | | | | |
| a) Interesting | | | | | | |
| b) Clear Audible | | | | | | |
| c) Adequate explanation | | | | | | |
| d) Effective use of A.V. Aids | | | | | | |
| e) Group Involvement | | | | | | |
| f) Time Limit | | | | | | |
| III) PERSONAL QUALITIES : | | | | | | |
| a) Self confidence | | | | | | |
| b) Personal appearance | | | | | | |
| c) Language | | | | | | |
| d) Mannerism | | | | | | |
| e) self-awareness of strong and weak points | | | | | | |

| IV) FEED BACK: | | | |
|-------------------------------|--|--|--|
| a) Recapitulation | | | |
| b) Effectiveness | | | |
| c) Group response | | | |
| V) SUBMITS ASSIGNMENT ON TIME | | | |

7. CLINICAL EVALUATION PROFORMA (100 marks)

Name of Student: Area of Community Health Nursing: Evaluator: Period under Evaluation: Rating:

- 1 In many respects fails to meet requirement satisfactorily
- 2 Meets many requirements but deficient in important aspect
- 3 Average, clearly meets basic requirements satisfactorily.
- 4 Clearly exceed basic requirements, respecting superior
- 5 Outstanding in all respe

SN Areas with subheading Rating 1 2 3 4 5

I Knowledge and understanding about family

- 1. Studies family health record and collects significant data
- 2. Interprets significant data based on knowledge of community Health /Community Health Nursing.

II Home Visit

- 3. Preplans are written based on the health needs of the family and identified goals
- 4. Planning and organization of home visit
- 5. Establishers report with the family and able to communicate effectively and tactfully with different individual / groups

III Health Assessment and Observation

- 6. Identifies deviations from normal and set priorities in home care activities
- 7. Plans and implements name care based on preset goals and health needs

IV Nursing Activities carried out:

- 8. Application of scientific principles
- 9. Technical skills with necessary modification and completeness of the procedure
- 10 Involvement and participating of the family members
- 11 Interpretation, reporting, recording of results
- 12 Takes, corrective follow standing orders selects and appropriate referral agencies.

V Health information health teaching

- 13 Uses every opportunity for incidental / planned teaching for individual and group
- 14 Uses appropriate teaching learning principles

VI Post Visit

- 15 Reports significant information
- 16 Completes records, promptly, precisely and accurately.

VII Evaluation of Family Health Care

- 17 Able to evaluate the set goals, short and long term health care plans
- 18 Able to revise the family health needs and modify the care plans

VIII Professional qualities

- 19 Professional appearance
- 20 Interest, initiative, resourcefulness, responsible, leadership and attitude, response to constructive criticism and suggestions.

Total Marks:

Percentage:

Grade:

Remarks / comments by the Supervisor: (In terms of strengths and weaknesses)

Instruction: Application of theory to practice is considered throughout the experiences cts.

| SN | Criteria | Marks | Marks |
|----|---------------------------|----------|----------|
| | | Allotted | Obtained |
| 1 | Need for topic | 05 | |
| 2 | Organization | 05 | |
| 3 | Planning | 20 | |
| | Setting objectives | | |
| | Selection of students | | |
| | Schedule preparation | | |
| | Advertising communication | | |
| | Method selected | | |
| | Resources used | | |
| 4 | Implementation | 10 | |
| | Conduction | | |
| | Monitoring activities | | |
| 5 | Evaluation (Pre-Post) | 05 | |
| 6 | Writing report | 05 | |
| | Total Marks | 50 | |

8. EVALUATION PROFORMA FOR PLANNING AND CONDUCTION Exhibition / Street Play/ Puppet Show) (50 Marks)

CLINICAL SPECALITY - I

OBSTETRIC AND GYNAECOLOGICAL NURSING

PLACEMENT: II SEMESTER

Hours of Instruction Theory : 150 Hours Practical: 660 Hours Total : 810 Hours

Course Description

This course is design to assist students in developing expertise and in depth understanding in the field of Obstetric and Gynecological Nursing. It will help students to appreciate the client as a holistic individual and develop skill to function as an independent midwifery practitioner. It will further enable the student to function as educator, manager and researcher in the field of Obstetric and Gynecological nursing

Objectives

At the end of the course the students will be able to:

- 1. Appreciate the trends in the field of midwifery, obstetrics and gynecology as a specialty
- 2. Describe the population dynamics and indicators of maternal and child health
- 3. Describe the concepts of biophysical, psychological and spiritual aspects of normal pregnancy, labor and puerperium.
- 4. Provide comprehensive nursing care to women during reproductive period.
- 5. Integrate the concepts of family centered nursing care and nursing process approach in obstetric and gynecological nursing.
- 6. Identify and analyze the deviations from normal birth process and refer appropriately.
- 7. Describe the pharmacological agents, their effects during pregnancy, childbirth, puerperium, lactation and the role of nurse.
- 8. Counsel adolescents, women and families on issues pertaining to pregnancy, childbirth and lactation.
- 9. Describe the role of various types of complementary and alternative therapies in obstetric and gynecological nursing.

- 10. Incorporate evidence based nursing practice and identify the areas of research in the field of obstetric and gynecological nursing.
- 11. Describe the recent advancement in contraceptive technology and birth control measures.
- 12. Appreciate the legal and ethical issues pertaining to obstetric and gynecological nursing. Course Content

| S | Unit | Торіс | Theory | Practicals |
|---|------|--|--------|------------|
| Ν | | | | |
| 1 | I | INTRODUCTION Historical and contemporary perspectives Epidemiological aspects of maternal and child health Magnitude of maternal and child problems Issues of maternal and child health : Age, Gender, Sexuality, psycho socio cultural factors Preventive obstetrics National Health and family welfare programmes related to maternal and child health: health care delivery system National Rural health mission, Role of NGO's Theories, models and Approaches applied to midwifery practice. Role and scope of midwifery practice: Independent Nurse midwifery practice; and standards of midwifery practice, standing orders Evidence based midwifery practice Research priorities in obstetric and gynecological nursing | 15 | |
| 2 | II | HUMAN REPRODUCTION Review of anatomy and physiology of human reproduction system: male and female Hormonal cycles Embryology Genetics, teratology and counseling Clinical implications | 20 | |
| 3 | III | PREGNANCY 1. Maternal adaptation : Physiological , Psychosocial Assessment - Maternal and foetal measures Maternal Measures: History taking, examination – General, physical and | 20 | 5 |

| S N | Unit | Торіс | Theory | Practicals |
|--------|------|--|--------|------------|
| - 1 | | obstetrical measure, identification of high | | |
| | | risk | | |
| | | Foetal measure – clinical parameters, | | |
| | | biochemical – human estriol, Maternal | | |
| | | Serum Alfa Feto protein, Acetyl choline | | |
| | | esterase (Ach E), Triple Test Amniocentesis, | | |
| | | Cordocentesis, chorionic villus sampling | | |
| | | (CVS) | | |
| | | Biophysical – (US IMAGING, Foetal | | |
| | | movement count, Ultra Sonography, | | |
| | | Cardiotocography, cardiotomography, Non | | |
| | | Strss Test (NST), contraction Stress Test | | |
| | | (CST), amnioscopy, foetoscopy | | |
| | | Radiological examination | | |
| | | Interpretation of diagnostic tests and | | |
| | | nursing implications Nursing management | | |
| | | of the pregnant women, minor disorders of | | |
| | | pregnancy and management, preparation for | | |
| | | child birth and parenthood, importance of | | |
| | | institutional delivery, choice of birth setting, | | |
| | | importance & mobilizing of transportation, | | |
| | | prenatal counseling. role of nurse and crisis | | |
| | | intervention, identification of high risk | | |
| | | pregnancy and refer | | |
| | | Alternative / complementary therapies | | |
| 4 | IV | NORMAL LABOR AND NURSING | 23 +2 | 2 |
| | | MANAGEMENT : | | |
| | | Essential factors of labour | | |
| | | Stages and onset | | |
| | | First stage : Physiology of normal labour | | |
| | | Use of partograph: Principles, use and | | |
| | | critical analysis, evidence based studies | | |
| | | Analgesia and anesthesia in labour Nursing | | |
| | | management | | |
| | | Second Stage | | |
| | | Physiology, intrapartum monitoring | | |
| | | Nursing management | | |
| | | Resuscitation, immediate newborn care and | | |
| | | initiate breast feeding (Guidelines of | | |
| | | National neonatology forum of India) | | |
| | | Third stage | | |
| | | Physiology and nursing management | | |
| | | Fourth stage – Observation, critical | | |
| | | analysis and Nursing management. | | |
| | | Various child birth practice: water birth, | | |

| S N | Unit | Торіс | Theory | Practicals |
|--------|------|--|--------|------------|
| IN | | position change etc | | |
| | | Evidence based practice in relation to | | |
| | | labour intervention | | |
| | | Role of nurse midwifery practitioner | | |
| | | Alternative / complementary therapies | | |
| 5 | V | NORMAL PUERPERIUM AND | 18 + 1 | 2 |
| | | NURSING MANAGEMENT | | |
| | | Physiology of puerperium | | |
| | | Physiology of lactation, lactation | | |
| | | management, exclusive breast feeding, | | |
| | | Baby friendly hospital initiative (BFHI) | | |
| | | Assessment of postnatal women | | |
| | | Minor discomforts and complication of | | |
| | | puerperium Management of mothers during | | |
| | | puerperium: Postnatal exercises Rooming | | |
| | | in, bounding, Warm chain | | |
| | | Evidence based studies | | |
| | | Role of nurse midwifery practitioner | | |
| | | Alternative / complementary therapies | | |
| 6 | VI | NORMAL NEWBORN | 18 | 2 |
| | | Physiology and characteristics of normal | | |
| | | newborn Physical and Behavioral | | |
| | | assessment of newborn Needs of | | |
| | | Newborn | | |
| | | Essential newborn care: Exclusive breast | | |
| | | feeding, Immunization, Hygiene measures, | | |
| | | newborn nutrition Organization of neonatal | | |
| | | care, services (Levels), Transport, neonatal | | |
| | | intensive care unit, organization and | | |
| | | management of nursing services in NICU | | |
| | | Observation and care of newborn Parenting | | |
| 7 | VII | process | 10 | |
| 7 | VII | PHARMOCO DYNAMICS IN OBSTETRICS | 10 | |
| | | Drugs used in pregnancy, labour, | | |
| | | postpartum and newborn | | |
| | | Calculation of drugs dose & administration | | |
| | | Effects of drugs used | | |
| | | Anesthesia and analgesia in obstetrics | | |
| | | Roles and responsibilities of midwifery | | |
| | | nurse practitioner | | |
| | | Standing orders and protocols and use of | | |
| | | selected lifesaving drugs and interventions | | |
| | | of obstetric emergencies approved by the | | |
| | | MOHFW | | |

| S | Unit | Торіс | Theory | Practicals |
|--------|-----------------------|---|--------|------------|
| N 8 | VIII | FAMILY WELFARE SERVICES | 8 | 2 (VISIT |
| 0 | VIII | Population dynamics | 0 | TO IEC) |
| | | Demography trends: vital statistics, | | TO ILC) |
| | | calculation of indicators especially maternal | | |
| | | and neonatal mortality rates and problems | | |
| | | and other health problems | | |
| | | Recent advancement in contraceptive | | |
| | | technology Role of nurses in family welfare | | |
| | | programmes in all setting Role of | | |
| | | independent nurse midwifery practitioner | | |
| | Family life education | | | |
| | | Evidence based studies | | |
| | | Information, Education and Communication | | |
| | | (IEC) Management information and | | |
| | | evaluation system (MIES) | | |
| | | o Teaching and supervision of health team | | |
| | | members | | |
| 9 | IX | INFERTILITY | 5 | |
| | | Primary and secondary causes | | |
| | | Diagnostic procedures | | |
| | | Counseling: ethical and legal aspects of | | |
| | | assisted reproductive technology (ART) | | |
| | | Recent advancement in infertility | | |
| | | management | | |
| | | Adoption procedures | | |
| | | Role of nurses in infertility management | | |
| 10 | X | MENOPAUSE | 5 | |
| | | Physiological, psychological and social | | |
| | | aspects | | |
| | | Hormone Replacement Therapy | | |
| | | Surgical menopause | | |
| | | Counseling and guidance | | |
| | | Role of midwifery nurse practitioner | _ | |
| 11 | XI | ABORTION | 5 | |
| | | Types, Causes | | |
| | | Legislations, Clinical Rights and | | |
| | | Professional responsibility Abortion | | |
| | | Procedures | | |
| | | Complications | | |
| | | Nursing Management | | |
| | | Role of Midwifery Nurse Practitioner | | |

PRACTICAL

Total = 650 Hours Dept. / unit No. of week **Total hours** Sn Anetenatal Wards & OPDs 120 01 04 02 Labour Room 05 140 03 Postnatal Ward 03 90 **Family Planning Clinics** 02 04 60 05 PHC/Rural maternity settings 04 120 02 06 Gynae 60 07 Maternity OT 02 60 Total 22 weeks 650 hours

1 week = 30 Hours

Procedures observed

Diagnostic investigation: amniotecentecis, chordocentecis, chorionic, villisampling Infertility management : Artificial reproduction: artificial insermination, invitro fertilization, and related procedures.

Procedures assisted

Medical termination of pregnancy

Procedures performed

Antenatal assessment – 20 Postnatal assessment - 20 Assessment during labour: use of partograph –20 Per Vaginal examination - 20 Conduct of normal delivery - 20 Episiotomy and suturing - 10 Setting up of delivery areas Insertion of intra – uterine devices (copper T)

Others

Identification of high risk women and referral Health education to women and their families Motivation of couples for Planned Parenthood

Procedures performed

- Health education, counseling and mother craft classes
- Antenatal immunization
- Assessment of intra uterine fetal well-being
- Universal precautions effective infection control methods
- Vaginal examination and interpretation (early pregnancy, labour, post partum)
- Utilization of partograph, Cervicograph
- Conduction of safe delivery
- Episiotomies suturing
- Manual removal of placenta, placental examination
- Postnatal assessment -20

- Management of breast engorgement, while leg
- Postnatal counseling
- Breast care, breast exam, and drainage breast abcess
- Postnatal exercise
- Newborn assessment -Ruling out congenital anomalies
- Neonatal resuscitation
- Apgar score
- Monitoring neonates Clinically With monitor

Capillary refill time

- Assessment of jaundice
 - Gastric lavage
 - Gastric gavages
 - Care of child in multi channel monitor and ventilator
 - Care of child in radiant, warmer and incubutator
 - Kangaroo care
 - Anthropometrics measurement
 - Neonatal reflexes
 - Breast feeding
 - Parental nutrition & fluid balance /infusion pump
 - Feeding technique
 - Medication

Oral I.D I.M I.V

- Capillary blood sample collection
- Oxygen therapy
- Phototherpy
- Chest physiotherapy

METHODS OF TEACHING

Method of teaching

Lecture cum discussion Demonstration Seminar/Presentation Project work Field visits

Methods of evaluation

Written Tests Classroom / Clinical teaching Presentation Written Assignment

Internal Assessment

| 100 |
|-----------|
| 100 |
| 50 |
| 50 |
| 50 (25x2) |
| 350 |
| |

| Practical | |
|--------------------------|-------------|
| Test (02) | 125 |
| Nursing care Plan (04) | 200 (50x4) |
| Case Presentation (02) | 100 (50x2) |
| Case Book | 50 |
| Clinical Evaluation (04) | 400 (100x4) |
| | 875 |

Convert out of 100

LIST OF BOOKS RECOMMENDED FOR OBSTETRICS AND GYNAECOLOGY & NEONATOLOGY

- 1. Buckley Kathleen and Kulb Nancy W, "high Risk Maternity Nursing Manual" Edn, Williams and Wilkin, 1993, Philadelphia.
- 2. Bennet V Ruth and Brown K Linda, "Myle" textbook for Midwives, ELBS, Churchill Livingstone
- Calander, R and A Miller, 'Obstetrics illustrated' IVedn, Churchill and Livigstone Newyork, 1993.
- 4. Dawn C. S, "Textbook of Obstetrics and Neonatology", Dawn Books, Calcutta.
- 5. Dawn C. S, "Textbook of Gynaecologyand contraception", Dawn Books, Calcutta.
- 6. D. C. Dutta, "Textbook of Obstetrics", Vth edn, New Central Agency (p) Calcutta, 2001.
- D. C Dutta, "Textbook of Gynaecology", Vth edn, New Central Agency (p) Calcutta, 2001.
- 8. Daftary Shrish NELAL, "Holland and Brews Manual of Obstetrics", XVI edn, B I Churchill Livingstone PVT Ltd, New Delhi.
- 9. Dickason Elizabeth jeanetal, "Maternal infant Nursing care, II edn, 1998, Mosby, ST. Louis.
- Goodner Brenda, "Concepts of obstetrics Nursing", I edn, Skidmore, Roth Publishing, INC, 1994, Texas.
- Gorie Trula Myers et al", Foundations of maternal Newborn Nursing", II edn, WB Saunders Coy, Philadelphia, 1998.
- 12. Hollan and Brews", Manual of Obstetrics", BI Churchill Livingstone
- 13. Ladewing Patricia Wieland et al, "Essentials of Maternal Newborn Nursing", II edn, Addisol Wesley Nursing, NY, 1990.

- 14. Menon Krishna and Palaniappan, "Clinical Obstetrics", IX EDN Orient Longman, 1990, Madras.
- 15. Rashmi Patil, "Instruments, Operatuions, Drugs in Obstetrics and Gynaecology", Vors Medical Publications.
- Philips Celeste R, "Family centered Maternity Newborn care", IIIedn, Mosby New yearbook, St Louis 1996.
- 17. Tindall VR, Jeffcoate's Principles of Gynaecology", Butterworth Heineman.
- Wonna Donna L, Perry Shannon et al", Maternal child Nursing", 1998, Iedn, CV Mosby coy, st Louis, London.

LIST OF JOURNALS RECOMMENNDED

- 1. American Journal of Nursing
- 2. Health and population
- 3. Indian Journal of Nursing and Midwifery
- 4. Journal of Obstetrics and Gynaecology
- 5. Journal of Pardiatrics
- 6. Journal of Family Welfare
- 7. Nursing Journal of India
- 8. Nursing Times
- 9. Paediatrics today
- 10. Paediatric clinics of India
- 11. Obstetric And Gynecology Today.

OBSTETRIC & GYNAECOLOGIC NURSING SCHEME OF INTERNAL ASSESSMENT

Internal Assessment Theory

| Sr. No. | Techniques | Weightage |
|----------------------------------|-------------|-----------|
| 1 Tests Unit Test | 25 Prefinal | 100 |
| 2 Other Assignment Seminar | (100 marks) | 100 |
| Journal Presentation | | 50 |
| 275 (send university out of 100) | | |

PRACTICAL EXPERIENCE EVALUATION

| 1. | Care Plan - Antenatal | 1 | 50 |
|-----|---|---|-------------|
| 2. | Intranatal | 1 | 50 |
| 3. | Postnatal | 1 | 50 |
| 4. | Care Plan Newborn | 1 | 50 |
| 5. | Clinical presentation antenatal | 1 | 50 |
| | Postnatal | 1 | 50 |
| 6. | Case Book /Journal | 1 | 30 |
| 7. | Clinical Evaluation Antnatal, Postnatal | 2 | 200 (100x2) |
| 8. | Practice Teaching (Ng Edn) | 1 | |
| 9. | Prefinal Examination | 1 | 100 |
| 10. | Mid Term Practical Examination | 1 | 50 |
| 11. | Prefinal Practical Examination | 1 | 100 |
| | | | 780 |

Total 780 (send university out of 100)

UNIVERSITY EXAMINATION

- Written Examination 100 Marks
 Practical Examination 100 Marks

OBSTETRIC AND GYNAECOLOGY NURSING SEMINAR EVALUATION PROFORMA

Subject: ----- Topic: ----- Topic: ----- Date /Time: ------

Name of the Evaluator /Guide: -----

| S | Criteria | Marks | Marks |
|---|-------------------------------|----------|----------|
| Ν | | allotted | obtained |
| 1 | AIMS AND OBJECTIVES | 5 | |
| 2 | ORGANISATION OF CONTENT | 15 | |
| | □ Latest information | | |
| | □ Simple to complex | | |
| | Application of Nursing Theory | | |
| 3 | PRESENTATION | 50 | |
| | □ Introduction | | |
| | □ Content, relevancy | | |
| | Teaching technique | | |
| 4 | AUDIOVISUAL AIDS | 15 | |
| 5 | SPEAKER'S QUALITIES | 5 | |
| | □ Appearance | | |
| | □ Confidence | | |
| | Communication skill | | |
| | □ Voice modulation | | |
| 6 | GROUP DISCUSSION | 5 | |
| 7 | REFERENCES | 5 | |
| | Total | 100 | |

Remarks

Signature of Student

Signature of Supervisor

| | ALUATION CRITERIA | | |
|------|---|----------------|----|
| Cas | | Total Score | 50 |
| I. | Assessment | | 10 |
| | History taking & Physical assessment | | |
| II. | Disease condition in detail -Aetiology, F | athophysiology | 10 |
| | Clinical features, investigations, Medica | l management | |
| III. | Objectives of care | | 4 |
| IV. | Application of Nursing theories | | 6 |
| V. | Nursing diagnosis | | 6 |
| VI. | Nursing Management | | 10 |
| VII. | Conclusion | | 4 |

CLINICAL EVALUATION PROFORMA Name of the Student: Duration

| 1. P. 2 A 3 A 4 C 5 Tri 6 Er dd dd 7 C pa B 9 Fe 10 C 11 K Pd of 12 H of 13 | CRITERIA PERSONALITY & ATTITUDE - Grooming and turn out able to think logically & well informed attentive listener Communicate effectively Trustworthy and reliable Conthusiastic, interested and takes initiatives when situation emands Courteous, tactful and considerate in all her dealings with atient, significant other team members. Displays leadership qualities ollows instructions and exhibits positive behavioural changes Complete assignments on time with self-motivation and effort KNOWLEDGE Possess sound knowledge of principles of obstetric Nursing | 4 | 3 | 2 | 1 |
|---|---|---|---|---|---|
| 2 A 3 A 4 C 5 Tr 6 E: def 7 C pa 8 D 9 Fe 10 C 11 K Pe 12 H ol 13 H | Able to think logically & well informed Attentive listener Communicate effectively Crustworthy and reliable Conthusiastic, interested and takes initiatives when situation emands Courteous, tactful and considerate in all her dealings with atient, significant other team members. Displays leadership qualities ollows instructions and exhibits positive behavioural changes Complete assignments on time with self-motivation and effort KNOWLEDGE ossess sound knowledge of principles of obstetric Nursing | | | | |
| 2 A 3 A 4 C 5 Tr 6 E: def 7 C pa 8 D 9 Fe 10 C 11 K Pe 12 H ol 13 H | Able to think logically & well informed Attentive listener Communicate effectively Crustworthy and reliable Conthusiastic, interested and takes initiatives when situation emands Courteous, tactful and considerate in all her dealings with atient, significant other team members. Displays leadership qualities ollows instructions and exhibits positive behavioural changes Complete assignments on time with self-motivation and effort KNOWLEDGE ossess sound knowledge of principles of obstetric Nursing | | | | |
| 3 A 4 C 5 Tri 6 E: 7 C pa D 9 Fe 10 C 11 K Pd I 12 H ol I 13 H | Attentive listener Communicate effectively Trustworthy and reliable Conthusiastic, interested and takes initiatives when situation emands Courteous, tactful and considerate in all her dealings with atient, significant other team members. Displays leadership qualities Collows instructions and exhibits positive behavioural changes Complete assignments on time with self-motivation and effort KNOWLEDGE Cossess sound knowledge of principles of obstetric Nursing | | | | |
| 5 Tr 6 E: de 7 C pa 8 D 9 Fe 10 C 11 K Pe 12 H ol 13 H | rustworthy and reliable inthusiastic, interested and takes initiatives when situation emands Courteous, tactful and considerate in all her dealings with atient, significant other team members. Displays leadership qualities Collows instructions and exhibits positive behavioural changes Complete assignments on time with self-motivation and effort KNOWLEDGE Cossess sound knowledge of principles of obstetric Nursing | | | | |
| 5 Tri de 7 C 9 Fe 10 C 11 K 9 Fe 12 H ol 13 H | rustworthy and reliable inthusiastic, interested and takes initiatives when situation emands Courteous, tactful and considerate in all her dealings with atient, significant other team members. Displays leadership qualities Collows instructions and exhibits positive behavioural changes Complete assignments on time with self-motivation and effort KNOWLEDGE Cossess sound knowledge of principles of obstetric Nursing | | | | |
| 6 E: dd 7 C p2 8 D 9 Fo 10 C 11 K Po 12 H ol 13 H | Enthusiastic, interested and takes initiatives when situation emands Courteous, tactful and considerate in all her dealings with atient, significant other team members. Displays leadership qualities collows instructions and exhibits positive behavioural changes Complete assignments on time with self-motivation and effort KNOWLEDGE cossess sound knowledge of principles of obstetric Nursing | | | | |
| 7 C pa 8 D 9 Fo 10 C 11 K Po 12 H ol 13 H | Courteous, tactful and considerate in all her dealings with atient, significant other team members. Displays leadership qualities collows instructions and exhibits positive behavioural changes Complete assignments on time with self-motivation and effort KNOWLEDGE cossess sound knowledge of principles of obstetric Nursing | | | | |
| 8 D 9 Fe 10 C 11 K Pe 12 12 H ol 13 | Displays leadership qualities ollows instructions and exhibits positive behavioural changes Complete assignments on time with self-motivation and effort KNOWLEDGE ossess sound knowledge of principles of obstetric Nursing | | | | |
| 9 Fe 10 C 11 K Pe 12 12 H ol 13 | ollows instructions and exhibits positive behavioural changes complete assignments on time with self-motivation and effort KNOWLEDGE ossess sound knowledge of principles of obstetric Nursing | | | | |
| 10 C 11 K Point 12 H 13 H | Complete assignments on time with self-motivation and effort KNOWLEDGE vossess sound knowledge of principles of obstetric Nursing | | | | - |
| 11 K Per 12 H obt 13 H | KNOWLEDGE ossess sound knowledge of principles of obstetric Nursing | | | | - |
| Pe 12 H ob 13 | ossess sound knowledge of principles of obstetric Nursing | | | | - |
| 12 H ot 13 H | | | | | |
| oł 13 H | | | | | - |
| | Ias understanding of the modern trends and current issuses in bstetric Nursing practices. | | | | |
| la | las knowledge of physiological changes during pregnancy, | | | | |
| | abour and puerperium. | | | | |
| 14 H | Ias adequate knowledge of diet | | | | |
| 15 D | Demonstrate evidence of self-learning by current literature and | | | | |
| se | eeking help from experts in the field. | | | | ĺ |
| 16 A | APPLICATION & SKILL | | | | |
| A | ble to a aurately elicit health history | | | | |
| | ble to perform and assist in the examination diagnostic rocedures T treatment modalities. | | | | |
| | Displays skill in trolly setting and assisting in instrumental | | | | |
| | eliveries and other procedures. | | | | Í |
| | Confident and Signature of Students Signature of Supervisor | | | | |
| sk | killful in conducting normal deliveries and rendering antenatal nd postnatal care of gynae patients. | | | | |
| | Ake relevant observation and records and reports. | | | | |
| | dentifies risk factors and manages emergency situations | | | | |
| ef | ffectively and promptly | | | | |
| | Vorks independently and makes prompt relevant decision in all ituation. | | | | |
| | ibmits assignments with self-motivation and effiorts | | | | |
| 24 D | Demonstrates sound knowledge of drugs used in Obs. And ynae practices | | | | |
| 25 A | Applies Nursing theories through Nursing process in the | | | | |
| cl Clinical | linical field. | | | | 4 |

Signature of Student

Signature of Supervisor

EVALUATION CRITERIA FOR NURSING CARE PLAN

| Name of the Student : Date : | | (Maximum Marks – 50) Field placement : | | |
|---------------------------------|-----------------------------------|---|-------------------|-------|
| SN | Criteria | Marks Allotted | Marks Obtained | Total |
| 1 | 1. History taking | 6 | | |
| 2 | 2. Assessment of needs & problems | 10 | | |
| 3 | 3. Nursing process | 16 | | |
| 4 | 4. Implementation of care | 10 | | |
| 5 | 5. Follow-up care | 4 | | |
| 6 | 6. Bibliography | 4 | | |
| | Total | 50 | | |

N.B.: One Nursing Care Plan : 50 Marks

Remarks

Signature of Students

Signature of Supervisor

CLINICAL SPECIALTY – I CHILD HEALTH (PAEDIATRIC) NURSING

PLACEMENT : II SEMESTER

Hours of Instruction Theory : 150 Hours: Practical: 660 Hours: Total: 810 Hours:

Course Description

This course is designed to assist students in developing expertise and in-depth understanding in the field of Pediatric Nursing. It will help students to appreciate the child as a holistic individual and develop skill to function as neonatal and pediatric nurse specialist. It will further enable the student to function as educator, manager and researcher in the field of Pediatric nursing.

Objectives :

At the end of the course the students will be able to :

- 1. Appreciate the history and developments in the field of pediatrics and pediatric nursing as a specialty
- 2. Apply the concepts of growth and development in providing care to the pediatric clients and their families.
- 3. Appreciate the child as a holistic individual
- 4. Perform physical, development and nutritional assessment of pediatric clients
- 5. Apply nursing process in providing nursing care to neonates and children.
- 6. Integrate the concept of family centered pediatric nursing care with related areas such as genetic disorders, congenital malformations and longterm illness.
- 7. Recognize and manage emergencies in neonates.
- 8. Describe various recent technologies and treatment modalities in the management of high risk neonates
- 9. Appreciate the legal and ethical issues pertaining to pediatric and neonatal nursing
- 10. Prepare a design for layout and management of neonatal units
- 11. Incorporate evidence based nursing practice and identify the areas of research in the filed of pediatric / neonatal nursing
- 12. Recognize the role of pediatric nurse practitioner and as a member of the pediatric and neonatal health team
- 13. Teach pediatric nursing to undergraduate students and in-service nurses.

| S.N. | Units | Content | Hrs |
|------|-------|---|-----|
| 1 | I | INTRODUCTION | 10 |
| | | Historical development of Pediatrics and Pediatric | |
| | | Nursing | |
| | | • Difference between child and adult care | |
| | | Philosophy of paediatric care | |
| | | Changing trends in Pediatric Nursing | |
| | | • Role of family in childcare | |
| | | • Community-based nursing of the child and family | |
| | | • Ethical and cultural issues in pediatric care | |
| | | Role of pediatric nurse | |
| | | Rights of children and special laws and ordinance | |
| | | relating to children. | |
| | | • Current status of child health in India; | |
| | | • National goals, | |
| | | • Five year plans | |
| | | • National health programs related to child health. | |
| 2 | II | ASSESSMENT OF PEDIATRIC CLIENTS | 10 |
| | | History taking | |
| | | Developmental assessment | |
| | | Physical assessment | |
| | | Nutritional assessment | |
| | | Family assessment | |
| | | Nursing process in care of children | |
| 3 | III | NURSING MANAGEMENT OF THE SICK/ | 10 |
| | | HOSPITALIZED CHILD | |
| | | • Meaning of hospitalization of the child, preparation for | |
| | | hospitalization, effects of hospitalization on the child | |
| | | and family Stressors and reactions related to | |
| | | developmental stages, play activities for ill / | |
| | | hospitalized child. | |
| | | • Nursing care of hospitalized child and family - | |
| 4 | 3.73 | principles and practices | 10 |
| 4 | VI | PRE-NATAL PEDIATRICS | 10 |
| | | • Embryological and fetal development, Prenatal factors | |
| | | influencing growth and development of fetus, | |
| | | • Genetic patterns of common pediatric disorders, | |
| | | chromosomal aberrations, genetic assessment and | |
| | | counseling legal and ethical aspects of genetic, screening and counseling | |
| | | 6 | |
| | | Role of nurse in genetic counseling, | |
| 5 | V | • Importance of prenatal care and role of pediatric nurse | 1.5 |
| 5 | V | GROWTH AND DEVELOPMENT OF CHILDREN | 15 |
| | | Principles of growth and development, Exact results are a development. | |
| | | Factors affecting growth and development | _ |

| S.N. | Units | Content | Hrs |
|------|-------|--|-----|
| | | Concepts and theories of growth & development | |
| | | Biophysical | |
| | | Psycho-social theories | |
| | | Psychosexual theories | |
| | | Moral development theories | |
| | | Cognitive development theories | |
| | | Spiritual theories | |
| | | • Development tasks and special needs from infancy to | |
| | | adolescence, developmental milestones, | |
| | | • Assessment of growth and development of pediatric | |
| | | clients, Growth monitoring. | |
| | | Role of play in growth and development of children. | |
| 6 | VI | BEHAVIORAL / SOCIAL PEDIATRICS AND | 15 |
| | | PEDIATRIC NURSING | |
| | | • Parent child relationship, | |
| | | Basic behavioral pediatric principles and specific | |
| | | behavioral pediatric concepts/ disorders – maternal | |
| | | deprivation, failure to thrive, child abuse, the battered | |
| | | child. | |
| | | Common behavioral and social problem and their | |
| | | management. | |
| 7 | VII | Child guidance clinic. PREVENTIVE PEDIATRICS AND PEDIATRIC | 15 |
| / | VII | NURSING. | 15 |
| | | Concept, aims and scope of preventive pediatrics, | |
| | | Five year plans & National health policy for children | |
| | | National health programs related to child health. | |
| | | Maternal health and its influence on child health | |
| | | antenatal aspects of preventive pediatrics. | |
| | | Mortality among children, MCH indicators. | |
| | | Recent trends in MCH services | |
| | | Immunization, expanded program on immunication / | |
| | | universal immunization program and cold chain. | |
| | | Nutrition and Nutritional requirements of children, | |
| | | Fluid and electrolyte balance in children | |
| | | Pattern of feeding, breast feeding, baby-friendly hospital | |
| | | initiative, Artificial feeding | |
| | | Weaning | |
| | | Nutritional Programs and welfare services. | |
| | | National and international organizations related to child | |
| | | health | |
| | | • Role of pediatric nurse in the hospital and community. | |
| | | Health education, nutritional education for | |
| | | children. | |

| S.N. | Units | Content | Hrs |
|------|-------|--|-----|
| 8 | VIII | NEONATAL NURSING | 30 |
| | | Neonatal resuscitation | |
| | | • Newborn baby-profile and characteristics of the | |
| | | newborn | |
| | | • Assessment of the newborn | |
| | | • Nursing care of the newborn at birth, care of the | |
| | | newborn and family, | |
| | | Planning and organization of level I ,II and III neonatal care units | |
| | | NICU and environment | |
| | | Equipment and personnel management | |
| | | Equipment and personner management High risk neonate – preterm and term neonate and | |
| | | growth retarded babies. | |
| | | Low birth weight babies. | |
| | | Transport of the high risk neonate to NICU | |
| | | Neonatal infections prevention and management | |
| | | Identification and classification of neonates with | |
| | | • Identification and classification of neonates with infection HIV and AIDS, Ophthalmia neonatorum, | |
| | | Congenital syphilis. | |
| | | Congenital syphilis. High risk newborn – Identification, classification and | |
| | | High fisk newdorn – Identification, classification and nursing management. | |
| | | • Orgazation of neonatal care, services (Levels), transport, | |
| | | neonatal intensive care unit, organization and | |
| | | management of nursing services in NICU. | |
| | | Management of Neonatal problems Respiratory distress | |
| | | syndrome and HMD Neonatal Hypoglycemia, | |
| | | Neonatal Hyperbilirubinemia, | |
| | | Common metabolic problems, | |
| | | Nutritional requirements | |
| 9 | IX | IMNCI (INTEGRATED MANAGEMENT OF | 30 |
| | | NEONATAL AND CHILDHOOD ILLNESSES) | |
| | | • Concept | |
| | | • Rationale for an evidence based syndromic approach | |
| | | • Components | |
| | | Principles of IMNCI | |
| | | • Case management process Outpatient management of | |
| | | young infants age up to 2 months | |
| | | • Outpatient management of children age 2 months up to | |
| | | 5 years | |
| | | Principles of management of sick children in small hospital | |
| | | National Population policy 2000 | |
| | | Re productive and child health. | |
| | | • Re productive and child health. | |

PRACTICAL

| Sn | Department/unit | No. of week | Total hours |
|----|---------------------------|-------------|-------------|
| 1 | Pediatric Medicine Ward | 4 | 120 hrs |
| 2 | Pediatric surgery ward | 4 | 120 Hrs |
| 3 | Labor room/maternity ward | 2/2 | 120 Hrs |
| 4 | Pediatric OPD | 2 | 60 Hrs |
| 5 | NICU | 4 | 110 Hrs |
| 6 | Creche/day care centre | 1 | 30 Hrs |
| 7 | Child Guidance Clinic | 1 | 30 Hrs |
| 8 | Community | 2 | 60 Hrs |
| | Total | 22 weeks | 650 Hrs |

EVALUATION SCHEME

| Internal Assessment | |
|--------------------------|-----------|
| Theory | |
| Tests (02) | 100 |
| Seminar | 100 |
| Topic Presentation | 50 |
| Journal Presentation | 50 |
| Written assignments (02) | 50 (25x2) |
| | 350 |
| Convert out of 25 | |

Practical

| Test (02) | 125 |
|--------------------------------------|------------|
| Case Presentation(02) | 100 (50x2) |
| Health talk(02) | 50 (25x2) |
| Growth & Development assessment (05) | 100 (50x2) |
| Newborn assessment(02) | 50 (25x2) |
| Case study(02) | 100 (50x20 |
| Nursing care plan(02) | 50 (25x20 |
| Project | 100 |
| Clinical Evaluation | 200(100x2) |
| | 875 |

Convert out of 100

Field Visits. Childcare center, Anganwadi, play school, Creche, WHO / UNICEF, SOS Village Neonatal resuscitation Health education.

BIBLIOGRAPHY

- 1. Achar ST and Viswanathan; "Textbook of Paediatrics; A Clinical Approach Orient Longman, Mumbai
- 2. Alexander NM, Brown MS; "Paediatric Physical Diagnosis for Nurses" Mc Grew Hill Book Co, New York
- 3. Ball "Paediatric Nursing caring for children" Prentice hall, 1999.
- 4. Behrman, Richard K and Vaughan;" Nelson,s Textbook of Pediatrics"; WB Saunders Company
- 5. Blake G, Florence and Wright; "Essentials of Paediatric Nursing"
- 6. Barbara EW "Guidelines in the care of the low birth weight" Orient Longman
- Bowden Greenberg; "Paediatric Nursing Procedure" Lippincott, Williams and Wilkins
- 8. Browder J J; "Nursing care og children" FA Davis
- 9. Cameron, Jelinek et al; "Textbook of Emergency Paediatric Medicine"
- 10. Cloherty, John P and Stark, Ann R; "Manual Neonatal care" Lippincott
- 11. David Hull and Johnstan D; "Essentials of Paediatrics" Churchill Livingstone
- 12. Elizabeth Hurlock; "Child Development"
- 13. Ghai OP "Essential Textbook of Paediatrics" Jaypee Brothers
- 14. Ghosh Shanti; "Nutrition and childcare" Jaypee Brothers
- 15. Ghosh Shanti; "Know your child" Jaypee Brothers
- 16. Gupte Suraj; "Neonatal Emergencies" Jaypee Brothers
- 17. Gupte Suraj; "A Short Textbook of Paediatrics" Jaypee Brothers
- 18. Guha DK; "Neonatology" Jaypee Brothers
- 19. Guha DK; "Manual of Practical newborn Care" Jaypee Brothers
- 20. Hathfield N; "Introductory Paediatric Nursing" Lippincott, 2003
- 21. Helens CL and Roberts; "Paediatric Nursing" CV Mosby and Co
- 22. Khilnany; "Practical approach to Paediatric Intensive Care" Jaypee Brothers
- 23. Kulkarni MC; "Manual of Neonatology" Jaypee Brothers
- 24. Klosner and Nancy Hath field "Introductory Maternity and Paediatric Nursing" Lippincott, Williams and Wilkins

- 25. Merenstein & Gardner Handbook of neonatal intensive care CV Mosby Co
- 26. Mcmillan, Fergin et al; "Oski's Pediatrics Principle & practice" Lippincott, Williams& Wilkins
- 27. Marlow Dorothy "Textbook of Paediatric Nursing" WB Saunders Co
- 28. Parthasarthy et al "IAP Textbook of Paediatrics" Jaypee Brothers
- 29. Park's "Textbook of Preventive and Social medicine" 18 edn, Banarasi das
- 30. Roberts KD Edwards JM; "Paediatric Intensive Care" Blackwell Scientific Publications, Oxford,
- 31. Richard Polin "Paediatric Secrets" Mosby Co
- 32. Selekman "Paediatric Nursing" Springhouse, 2004
- 33. Singh Meherban; "Care of Newborn" Sagar Publications New Delhi
- 34. Singh Meherban; "Drugs Used in Children" Sagar Publications New Delhi
- 35. Slota; Core curriculum for Pediatric Critical Care Nursing WB Saunders Co
- 36. Speer; "Paediatric Care planning" Springhouse, 1999
- 37. Vidhyasagar and Sarnaik; "Neonatal & Paediatric Intensive Care" Jaypee Brothers
- 38. Wagle CS; "Short Textbook of Paediatrics" Vohra Book Centre, Mumbai
- 39. Whaley & Wong; "Nursing care of Infants and Children" CV Mosby Company
- 40. Whaley, Lucilla F Donna L; "Essentials of Paediatric Nursing" CV Mosby CO, St Louis
- 41. Udani RH; "Neonatal Resuscitation" KEM Hosp.

CHILD HEALTH NURSING EVALUATION CRITERIA FOR CASE STUDY

(Maximum Marks -50)

| S.N | Item | Marks |
|-----|--|-------|
| 01. | Introduction | 03 |
| 02. | History and assessment | 05 |
| 03. | Comparative finding with patients | 10 |
| 04. | Theoretical knowledge and understanding of diagnosis | 05 |
| 05. | Nursing Process | 15 |
| 06. | Follow up care | 05 |
| 07. | Summary and conclusion | 05 |
| 08. | Bibliography | 05 |
| | Total | 50 |

Note:- One Medical and One Surgical Pediatric Case Study. 50 Marks each. Remarks :

Signature of Student

Signature of Teacher

EVALUATION CRITERIAN FOR PROJECT

Name of the Student : Date/ Time: Name of the Evaluator:

| SN | Criteria | Maximum Score | Marks Obtained |
|------|----------------------------|----------------------|----------------|
| I | Content | 10 | |
| II | Organization | 05 | |
| III | Presentation | 08 | |
| IV | Innovations | 05 | |
| V | Inclusion of Recent trends | 05 | |
| VI | Clinical Application | 07 | |
| VII | A V Aids | 05 | |
| VIII | Bibliography | 05 | |
| | Total | 50 | |

Remarks:

Signature of Student

EVALUATION CRITERIAN FOR CASE PRESENTATION

Name of the Student: Clinical area / medical / surgical: Name of the evaluator:-

| Sr. | Criteria | Maximum | Marks |
|-----|--|---------|----------|
| No. | | Score | obtained |
| 1. | Content subjective and objective data | 08 | |
| 2. | Problems and need identified and nursing care plan | 15 | |
| 3. | Effectiveness of presentation | 5 | |
| 4. | Co-relation with patient and book | 10 | |
| 5. | Use of AV aids | 5 | |
| 6. | Physical arrangement | 2 | |
| 7. | Group Participation | 3 | |
| 8. | Bibliography | 2 | |
| | Total Marks | 50 | |

Remarks:

Signature of Student

Signature of Teacher

Date / Time :

EVALUATION OF NURSING CARE PLAN PAEDIATRIC

Students Name: Year Batch Ward / Dept.

Supervisor Name :

| Sr. | Criteria | Assigned | Marks | Remar |
|-----|--|----------|----------|-------|
| No. | | Marks | obtained | ks |
| 1 | Elicits relevant history | 3 | | |
| 2 | Make quick and valid assessment | 4 | | |
| 3 | Growth and Development assessment | 3 | | |
| 4 | Formulates nursing diagnosis as per | 3 | | |
| | the priority | | | |
| 5 | Prioritizes the nursing diagnosis | 2 | | |
| 6 | Plan care for any two priority needs | 2 | | |
| 7 | List the outcome criteria | 1 | | |
| 8 | Implements care for any two Priority | 5 | | |
| | needs | | | |
| 9 | Evaluates the care (nurses notes based | 2 | | |
| | on actual care given every day) | | | |
| | | 25 Marks | | |

Remarks: Signature of Student

EVALUATION: EXAMINATION AND ASSESSMENT OF NEWBORN / PRETERM

(Maximum Marks: 25)

| Sr. | Item | Marks |
|-----|---|-------|
| No. | | |
| 1 | Adherence to format | 02 |
| 2 | Skill in Physical examination and assessment | 10 |
| 3 | Relevance and accuracy of data recorded | 05 |
| 4 | Interpretation of Priority Needs Identification of baby | 06 |
| | and mother | |
| 5 | Bibliography | 02 |
| | Total Marks | 25 |

Remarks:

Signature of Student

Signature of Teacher

EVALUATION: GROWTH & DEVELOPMENT ASSESSMENT (Maximum Marks: 25)

| Sr. No. | Item | Marks |
|---------|--|-------|
| 1 | Adherence to format | 02 |
| 2 | Skill in Physical examination and assessment | 10 |
| 3 | Relevance and accuracy of data recorded | 05 |
| 4 | Bibliography | 03 |
| | Total Marks | 25 |

Remarks:

Signature of Student

CLINICAL EVALUATION OF NICU

Name of the Student : Year: Duration of Experience :

| Year: Duration of Experience : | | | larks | s : 10 | 00 |
|-----------------------------------|--|---|-------|--------|----|
| SN | Criteria | 1 | 2 | 3 | 4 |
| 1 | Knowledge, skill & Application Possess sound knowledge of Principal's of Paed. Nsg. and the modern trends and current issues in Paed. Nsg. practice | | | | |
| 2 | Is familiar with the NICU protocol for maintenance of asepsis and prevention of cross infection in NICU | | | | |
| 3 | Has knowledge and skill in assessment & care of Newborn | | | | |
| 4 | Possess knowledge and demonstrates skill in neonatal resuscitation | | | | |
| 5 | Has adequate knowledge, identifies needs and exhibit skill and efficiency in caring for the LBW infants | | | | |
| 6 | Makes relevant observations, maintains records and reports promptly and effectively | | | | |
| 7 | Has adequate knowledge regarding feeding and follows safe feeding practices | | | | |
| 8 | Able to calculate and administer medications to neonates accurately | | | | |
| 9 | Demonstrates ability to care for neonates in incubator and on ventilator | | | | |
| 10 11 | Acts promptly in Paediatric emergencies Able to apply principles of paed Nsg. In the management of neonates under phototherapy | | | | |
| 12 | Has knowledge of exchange transfusion | | | | |
| 13 | Able to identify early manifestations of common neonatal problems and manage accordingly | | | | |
| 14 | Identifies opportunities for health education and encourages parent participation in the care of the child | | | | |
| 15 | Demonstrates evidence of self-learning by reading of current literature/ seeking help from experts | | | | |

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| SN | Criteria | 1 | 2 | 3 | 4 |
|----|--|---|---|---|---|
| | Personality Aspects | | | | |
| 16 | Professional grooming and turn out | | | | |
| 17 | Able to think logically, alert, attentive and well informed | | | | |
| 18 | Communicates effectively | | | | |
| 19 | Enthusiastic and takes interest in clinical setting | | | | |
| 20 | Trustworthy and reliable | | | | |
| 21 | Courteous, tactful and considerate in all her dealings with colleagues, seniors, patients and family | | | | |
| 22 | Displays emotional maturity and leadership qualities | | | | |
| 23 | Follows instruction and exhibits positive behavioral changes as and when required | | | | |
| 24 | Practices economy in relation to time effort and material in all aspects of care | | | | |
| 25 | Complete assignments in time with self motivation and efforts | | | | |

Positive and Negative aspects

Signature of Student

CHILD HEALTH NURSING

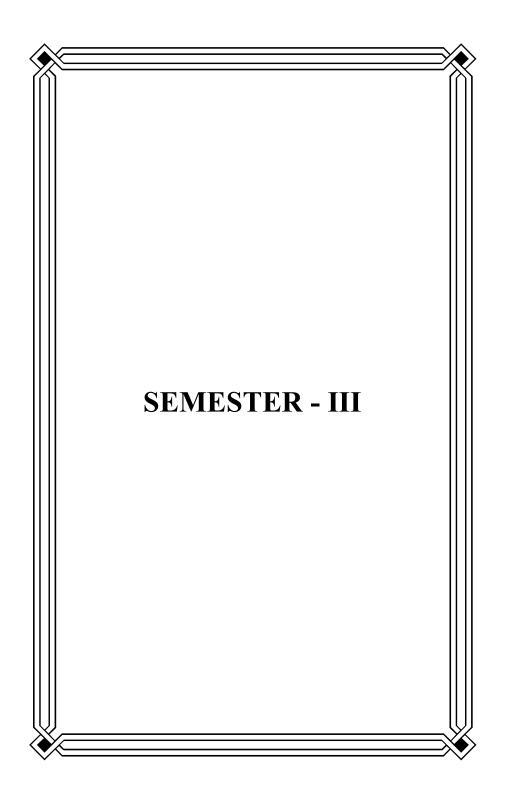
EVALUATION CRITERIA OF SEMINAR

Name of the Student: Topic: Date / Time:

| S.N | Criteria | Maximum | Marks Obtained |
|-----|-------------------------|---------|-------------------|
| Ι | Organization of content | 05 | |
| II | Subject Matter | 10 | |
| III | Presentation | 15 | |
| | Introduction | | |
| | Relevancy | | |
| | Sequence | | |
| | Conclusion | | |
| IV | Questioning Technique | 05 | |
| V | Audio Visual AIDS | 05 | |
| | Relevant | | |
| | Effective | | |
| | Appropriate Use | | |
| VI | Speakers Qualities | 05 | |
| | Appearance | | |
| | Confidence | | |
| | Communication Skill | | |
| VII | Bibliography | 05 | |
| | Total | 50 | |

Remark

Signature of Student



NURSING MANAGEMENT

PLACEMENT : III SEMESTER

Hours of Instruction Theory : 150 Hours : Practical : 150 Hours : Total : 300 Hours :

Course Description

This course is designed to assist students to develop a broad understanding of principles, concepts, trends and issues related to nursing management. Further, it would provide opportunity to students to understand, appreciate and acquire skills in planning, supervision and management of nursing services at different level to provide quality nursing services.

Objectives

At the end of course, student will be able to:

- 1. Describe the philosophy and objectives of the health care institutions at various levels.
- 2. Identify trends and issues in nursing
- 3. Discuss the public administration, health care administration, nursing administration
- 4. Describe the principles of administration applied to nursing
- 5. Explain the organization of health and nursing services at the various levels/institutions
- 6. Collaborate and co-ordinate with various agencies by using multi sect oral approach
- 7. Discuss the planning, supervision and management of nursing work force for various health care settings.
- 8. Discuss various collaborative models between nursing education and nursing service to improve the quality of nursing care
- 9. Identify and analyze legal and ethical issues in nursing administration
- 10. Describe the process of quality assurance in nursing services
- 11. Demonstrate leadership in nursing at various levels.

COURSE CONTENT

| Unit | Hrs | Content |
|------|-----|--|
| | | • Meaning of Philosophy, purpose of nursing administration, |
| I | 10 | elements, Principles and scope of administration |
| | | • Indian Administrative system vis avis health care delivery |
| | | system: National, State and Local, Indian Constitution |
| | | • Organization & functions of nursing services and education at |
| | | National, State, District and institutions: Hospital & community |
| | | Planning process: Five year plans, various committee Reports |
| | | on health, State and National Health Policies, national |
| | | population policy, national policy on AYUSH and plans. |
| | 1.0 | MANAGEMENT |
| II | 10 | Functions of administration |
| | | Planning and control |
| | | Co-ordination and delegation |
| | | • Decision making – decentralization basic goals of |
| | | decentralization |
| | | Concept of management |
| | | Nursing management |
| | | Concept, types and principles |
| | | Vision and Mission Statements |
| | | Philosophy, aims and objectives |
| | | Current trends and issues in Nursing Administration |
| | | • Theories and models |
| | | Application to nursing service and education |
| | | PLANNING |
| Ш | 15 | Planning Process: Concept, Principles |
| 111 | 15 | • Mission ,philosophy, objectives, |
| | | Strategic planning |
| | | Operational plans |
| | | Management plans |
| | | • Programme evaluation and review technique (PERT), Gantt |
| | | chart, Management by objectives (MBO) |
| | | Planning for change |
| | | Planning new venture |
| | | • Innovations in nursing Application to nursing service and education |
| IV | 15 | ORGANIZATION |
| 1 V | 15 | Concept, principles, objectives, Types and theories, Minimum |
| | | requirements for organization, Developing an organizational |
| | | structure levels, organizational Effectiveness and |
| | | organizational Climate, |
| | | Organizing nursing services and patient care: Methods of |
| | | patient assignment - Advantages and disadvantages, primary |
| | | nursing care, |

| Unit | Hrs | Content |
|------|-----|--|
| | | • Planning and organizing hospital, unit and ancillary services |
| | | (specifically central sterile supply department, laundry, |
| | | kitchen, laboratory services, emergency etc |
| | | • Disaster management: plan, resources, drill, etc. |
| | | Application to nursing service and education |
| V | 15 | HUMAN RESOURCE FOR HEALTH |
| | | • Staffing |
| | | Philosophy |
| | | • Norms: Staff inspection unit (SIU), Bajaj Committee, High |
| | | power Committee, Indian nursing council (INC) |
| | | • Estimation of nursing staff requirement-activity analysis |
| | | Various research studies |
| | | • Recruitment: credentialing, selection, placement, promotion |
| | | • Retention |
| | | Personnel policies |
| | | • Termination |
| | | Staff development programme |
| | | • Duties and responsibilities of various category of nursing |
| | | personnel |
| | | Application to nursing service and education |
| VI | 15 | DIRECTING |
| | | Roles and functions |
| | | • Motivation: Intrinsic, extrinsic, creating motivating climate, |
| | | Motivational theories |
| | | Communication: process ,types, strategies, interpersonal |
| | | communication, channels, barriers, problems, confidentiality, public relations |
| | | 1 |
| | | Delegation: common delegation errors |
| | | Managing conflict: process, management, negotiation, consensus associations, role of nurse manager |
| | | Collective bargaining: health care labour laws, unions, |
| | | professional associations, role of nurse manager. |
| | | Occupational health and safety |
| | | Application to nursing service and education |
| VII | 10 | MATERIAL MANAGEMENT |
| | | Concepts, principles and procedures |
| | | Planning and procurement procedures: Specifications |
| | | ABC analysis |
| | | • VED (very important and essential daily use) analysis |
| | | Planning equipments and supplies for nursing care: unit and |
| | | hospital |
| | | Inventory control |
| | | Condemnation |
| | | Application to nursing service and education |
| | | |

| Unit | Hrs | Content |
|------|-----|--|
| VIII | 15 | CONTROLLING |
| | | Quality assurance: Continues quality improvement |
| | | Standards |
| | | Models |
| | | Nursing audit |
| | | • Performance appraisal: Tools, formats, Management, |
| | | interviews |
| | | • Supervision and management: concepts and principles |
| | | • Discipline: service rules, self-discipline, construction versus |
| | | destructive discipline, problem employees disciplinary |
| | | proceeding enquiry etc. |
| | | • Self-evaluation or peer evaluation, patient satisfaction, |
| | | utilization review |
| | | Application to nursing service and education |
| IX | 15 | FISCAL PLANNING |
| | | • Steps |
| | | • Plan and non-plan, zero budgeting, mid-term appraisal, capital |
| | | and revenue |
| | | • Budget estimate, revised estimate, Performance budget |
| | | • Audit |
| | | • Cost effectiveness |
| | | • Cost accounting |
| | | • Critical pathways |
| | | Health care reforms Health economics |
| | | Health insurance |
| | | Budgeting for various units and levels |
| | | Application to nursing service and education |
| X | 10 | NURSING INFORMATICS |
| | | • Trends |
| | | • General purpose |
| | | • Use of computers in hospital & community |
| | | Patient record system |
| | | Nursing records & reports |
| | | • Management information and evaluation system (MIES) |
| | | • E- nursing, Telemedicine, tele nursing |
| | | Electronic medical records |
| XI | 10 | LEADERSHIP |
| | | Concepts, Types, Theories |
| | | • Styles |
| | | • Manager behaviour |
| | | • Leader behaviour |
| | | • Effective leader: Characteristics, skills |
| | | • Group dynamics |
| | | • Power and politics |

| Unit | Hrs | Content |
|------|-----|--|
| | | Lobbing |
| | | Critical thinking and decision making |
| | | Stress management |
| | | Application to nursing service and education |
| XII | 10 | LEGAL AND ETHICAL ISSUES |
| | | Laws and ethics |
| | | • Ethical committee |
| | | Code of ethics & professional conduct |
| | | Legal system: Types of law, tort law and liabilities |
| | | • Legal & issues in nursing: negligence, malpractice, invasion |
| | | of privacy, defamation of character |
| | | • Patient care issues, management issues, employment issues |
| | | Medico legal issues |
| | | Nursing regulatory mechanisms: licensure, renewal, |
| | | accreditation |
| | | • Patients rights |
| | | Rights of special groups: children, women, HIV, handicap |
| | | Professional responsibilities and accountability |
| | | Infection control |
| | | o standard safety measures |

PRACTICALS

- 1. Prepare prototype personal files for staff nurses, faculty and cumulative records.
- 2. Preparation of budget estimate ,Revised estimate and performance budget
- 3. Plan and conduct staff development program
- 4. Preparation of organization chart
- 5. Developing nursing standards/Protocols for various units
- 6. Design a layout plan for specialty units /hospital, community and educational institutions
- 7. Preparation of job description of various categories of nursing personnel
- 8. Prepare a list of equipment's and supplies for specialty
- 9. Assess and prepare staffing requirement for hospitals, community and educational institutions
- 10. Plan of action for recruitment process
- 11. Prepare a vision and mission statement for hospital, community and educational institutions
- 12. Prepare a plan of action for performance appraisal

- 13. Identify the problems of the specialty units and develop plan of action by using problem solving approach
- 14. Plan a duty roster for specialty units / hospital, community
- 15. Prepare: anecdotes, incident reports, day and night reports, handing and taking over reports, enquiry reports, nurses notes, Official letters, curriculum vitae, presentations etc
- 16. Prepare a plan for disaster management
- 17. Group work
- 18. Field appraisal report

Evaluation Criteria:

| Theory: | |
|------------------------|-----------|
| Unit test I | 25 |
| Pre-final | 75 |
| Seminar (1) | 100 |
| Written assignment (2) | 50 (25x2) |

Ward assignment

| Performar | nce appraisal | 50 marks |
|--------------------------------|---------------------|-----------|
| CNE/ con | ference | 25 marks |
| Standard | operating procedure | 50 marks |
| Duty roste | er | 50 marks |
| Material n | nanagement | 50 marks |
| Educational visit report | | 50 marks |
| Clinical evaluation | | 100 marks |

Total marks 625 (send university out of 25)

Internal assessment to be send to university out of 25

University Examination:

Theory: 75 marks

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- Ann Morriner Tomey, Guide to Hsy Management, 4th edition, Library of Congress cataloging publication, Won 1992, .
- May Ann Anderson, Hsg. Leadership & Professional Practice, 2nd edition 2001, Library of Congress cataloging publication, data.
- Elizabeth Arnold, Interpersonal Relationship, 3rd edition 1999. Library of Congress cataloging publication,
- Lucie Young Kelly, Dimensions of Professional Nursing, 8th edition 1999, Library of Congress cataloging publication.
- 9. Janne Dunham Taylorr, Health Care Financial Management of Nurse Manager, Library of Congress cataloging publication.
- Jaiwanti P. Dhaulta, Trained Nurses Association of India, Nursing Administration and Management, 1st edition 2000,
- Jennifer E. Clark, Management for Nurses & Health Care Professionals, Churchill Livingstone Publication 1997, 2nd edition,
- Marquis L. Bessiel, Leadership roles and management functions in Nursing theory and application, Lippincott Williams and Wilkins publications 2000, edition 3rd.

EVALUATION CRITERIA FOR WRITING PERFORMANCE APPRAISAL

(Maximum Marks: 50)

| Sr. No. | Criteria | Marks Allotted | Marks Obtained | Total |
|------------|---------------------|-------------------|-------------------|-------|
| 1. | Preparation of Tool | 20 | obtanica | |
| 2. | Content | 10 | | |
| 3. | Comprehension | 10 | | |
| 4. | Conclusion | 05 | | |
| 5. | References | 05 | | |
| | Total | 50 | | |

Remarks and signature of supervisor -

Date :

Signature of student

EVALUATION CRITERIA FOR WRITING REPORT ON DUTIES AND RESPONSIBLITIES OF NURSING PERSONNEL

(Maximum Marks : 50)

| Sr. No. | Criteria | Marks Allotted | Marks Obtained | Total |
|------------|-------------------------|-------------------|-------------------|-------|
| 1. | Introduction | 20 | obtailieu | |
| 2. | Organization of content | 10 | | |
| 3. | Comprehensive | 10 | | |
| 4. | Conclusion | 05 | | |
| 5. | References | 05 | | |
| | Total | 50 | | |

Remarks and signature of supervisor-

Signature of student

Date :

Date :

EVALUATION CRITERIA FOR WRITTEN ASSIGNMENT Total Marks = 25

| S. N. | Criteria | Marks |
|-------|----------------|-------|
| 1. | Content | 10 |
| 2. | Organization | 05 |
| 3. | Resources used | 03 |
| 4. | Completeness | 03 |
| 5. | Neatness | 02 |
| 6. | Bibliography | 02 |
| | Total | 25 |

Remarks: -

Date & Signature of the Evaluator:

Date & Signature of the student

EVALUATION CRITERIA FOR SEMINAR PRESENTATION

Subject:_____ Date:_____ Name of student:_____ Time:_____ Maximum Marks: 100 Group:_____ _____

| Sr. | Criteria | Rating | | | | Remarks | |
|-----|--|--------|---|---|---|---------|--|
| No. | | 1 | 2 | 3 | 4 | 5 | |
| 1. | Content | | | | | | |
| | Introduction | | | | | | |
| 2. | Organization of Content | | | | | | |
| 3. | Presentation of topic | | | | | | |
| 4. | Relevant examples | | | | | | |
| 5. | Relevant statistical data | | | | | | |
| 6. | Group participation | | | | | | |
| 7. | Control of group | | | | | | |
| 8. | AV Aids: Appropriate to subject | | | | | | |
| 9. | Proper use of A/V Aids | | | | | | |
| 10. | Self-explanatory | | | | | | |
| 11. | Attractive | | | | | | |
| 12. | Planning and preparation | | | | | | |
| 13. | Use of Modern technology | | | | | | |
| 14. | Physical facilities: Environment | | | | | | |
| 15. | Classroom preparation | | | | | | |
| 16. | Over lay out | | | | | | |
| 17. | Personal Appearance: Voice and clarity | | | | | | |
| 18. | Mannerisms | | | | | | |
| 19. | Conclusion | | | | | | |
| 20. | References | | | | | | |

Remarks and signature of supervisor:

Signature of student:

M. Sc. NURSING CLINICAL SPECIALITY – II MEDICAL SURGICAL NURSING - CRITICAL CARE NURSING

PLACEMENT : III SEMESTER

Hours of Instruction T-75 hrs (I-IX unit) Practical- 150 hrs

Course Description

This course is designed to assist students in developing expertise and in-to develop advanced skills for nursing intervention in caring for critically ill patients. It will enable the student to function as critical care nurses practitioner/ specialist. It will further enable the student to function as educator, manager and researcher in the field of Critical Care Nursing.

Objectives.

At the end of the course the students will be able to -

- 1. Appreciate trends and issues related to Critical Care Nursing
- 2. Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of critically ill patient.
- 3. Describe the various drugs used in critical care and nurses responsibility
- 4. Perform physical, psychosocial & spiritual assessment
- 5. Demonstrate advance skills/competence in managing critically ili patients including Advance Cardiac Life Support
- 6. Demonstrate skill in handling various equipments/gadgets used critical care
- 7. Provide comprehensive care to critically ill patients
- 8. Appreciate teamwork and coordinate activities related to patient care
- 9. Practice infection control measures
- 10. Assess and manage pain
- 11. Identify complications & take appropriate measures
- 12. Discuss the legal and ethical issues in critical care nursing
- 13. Assist patients and their family to cope with emotional distress spiritual, grief and anxiety.
- 14. Assist in various diagnostic, therapeutic and surgical procedures.
- 15. Incorporate evidence based nursing practice and identify the areas of research in the field of critical care nursing
- 16. Identify the sources of stress and manage burnout syndrome among health care providers
- 17. Teach and supervise nurses and allied health workers
- 18. Design a layout of ICU and develop standards for critical care nursing practice.

M. Sc. NURSING CLINICAL SPECIALITY – II MEDICAL SURGICAL NURSING - CRITICAL CARE NURSING

PLACEMENT: III SEMESTER – T - 75 HRS. (I-IX UNIT) PRACTICAL - 150 HRS.

| Unit | Hours | Content |
|------|-------|---|
| Ι | 5 | INTRODUCTION TO CRITICAL CARE NURSING |
| | | Historical review- Progressive patient care(PPC) |
| | | Review of anatomy and physiology of vital organs, fluid and |
| | | electrolyte balance |
| | | Concepts of critical care nursing |
| | | Principles of critical care nursing |
| | | Scope of critical care nursing |
| | | Critical care unit set up including equipments supplies, use and |
| | | care of various type of monitors & ventilators |
| | | Flow sheets |
| II | 10 | CONCEPT OF HOLISTIC CARE APPLIED TO CRITICAL CARE NURSING PRACTICE |
| | | Impact of critical care environment on patients:- |
| | | • Risk factors, Assessment of patients, Critical care psychosis, |
| | | prevention & nursing care for patients affected with psycho |
| | | physiological & psychosocial problems of critical care unit, |
| | | Caring for the patient's family, family teaching The dynamics of |
| | | healing in critical care unit:-therapeutic touch, Relaxation, |
| | | Music therapy, Guided Imagery, acupressure Stress and burnout |
| 111 | 15 | syndrome among health team members |
| III | 15 | REVIEW PHARMACOKINETICS |
| | | Analgesics/Anti-inflammatory agents Antibiotics, antiseptics |
| | | Drug reaction & toxicity |
| | | Drugs used in critical care unit (inclusive of ionotropic, life |
| | | saving drugs) |
| | | Drugs used in various body systems |
| | | <i>IV fluids and electrolytes</i> |
| | | Blood and blood components |
| | | Principles of drug administration role of nurses & care of drugs |
| IV | 5 | PAIN MANAGEMENT |
| | | Pain & Sedation in Critically ill patients |
| | | Theories of pain, Types of pain, Pain assessment, Systemic |
| | | responses to pain management-pharmacological and non- |
| | | pharmacological measures Placebo effect |
| V | 5 | INFECTION CONTROL IN INTENSIVE CARE UNIT |
| | | Nosocomial infection in intensive care unit; methyl resistant |
| | | staphylococcus aureus (MRSA), Disinfection, Sterilization, |
| | | Standard safety measures, Prophylaxis for staff |

| Unit | Hours | Content |
|------|-------|--|
| VI | 10 | GASTROINTESTINAL SYSTEM |
| | | Causes, Pathophysiology, Clinical types, Clinical features, |
| | | diagnosis, Prognosis, Management: Medical, Surgical and |
| | | Nursing management of:-Acute Gastrointestinal Bleeding, |
| | | Abdominal injury, Hepatic Disorders:-Fulminent hepatic failure, |
| | | Hepatic encephalopathy, Acute Pancreatitis, Acute intestinal |
| | | obstruction, perforative peritonitis |
| VII | 10 | RENAL SYSTEM |
| | | Causes, pathophysiology, Clinical types, Clinical features, |
| | | diagnosis, Prognosis, Management: Medical, Surgical and |
| | | Nursing management of:-Acute Renal Failure, Chronic Renal |
| | | Failure, Acute tubular necrosis, Bladder trauma Management |
| | | Modalities: Hemodialysis, Peritoneal Dialysis, Continuous |
| | | Ambulatory Peritoneal Dialysis, Continuous arterio venus |
| | | hemodialysis, Renal Transplant |
| VIII | 10 | NERVOUS SYSTEM |
| | | Causes, pathophysiology, Clinicaltypes, Clinical features, |
| | | diagnosis, Prognosis, Management: Medical, Surgical and |
| | | Nursing management of:-Common Neurological Disorders:- |
| | | Cerebrovascular disease, Cerebrovascular accident, Seizure |
| | | disorders, Guillein Barre-Syndrome, Myasthenia Gravis, Coma, |
| | | Persistent vegetative state, Encephalopathy, Head injury, Spinal |
| | | Cord injury |
| | | Management Modalities: Assessment of Intracranial pressure, |
| | | Management of intracranial hypertension, Craniotomy |
| | | Problems associated with neurological disorders: Thermo |
| IV | - | regulation, Unconsciousness, Herniation syndrome |
| IX | 5 | ENDOCRINE SYSTEM Causes, Pathophysiology, Clinical types, Clinical features, |
| | | |
| | | diagnosis, Prognosis, Management: Medical, Surgical and Nursing |
| | | Management of :-Hypoglycemia, Diabetic Ketoacidosis, Thyroid |
| | | crisis, Myxedema, Adrenal crisis, Syndrome of Inappropriate/ |
| | | hypersecretion of Antidiuretic Hormone (SIADH) |
| L | 1 | nypersecretion of Antialaretic Hormone (SIADII) |

MEDICAL SURGICAL NURSING - CRITICAL CARE NURSING

PLACEMENT : III SEMESTER-PRACTICAL- 150 HRS PRACTICAL

| Sr. No. | Dept. Unit | No. of Weeks | Total Hours | |
|------------|---------------|--------------|----------------|--|
| <i>1</i> . | CCU | 2 | 60 Hours | |
| 2. | Dialysis Unit | 1 | 30 Hours | |
| 3. | Medical ICU | 1 | 30 Hours | |
| 4. | Surgical ICU | 1 | 30 Hours | |
| | Total | 5 Weeks | 150 Hours | |

EVALUATION CRITERIA : Third semester (II Year) M. Sc. Nursing

| | | Medical Surgical Nursing | Total Marks | Average out of |
|--------|--------------|-----------------------------|----------------|-------------------|
| Theory | Unit test -1 | 15 | 150 | 15 |
| | Prefinal | 35 | | |
| | Seminar | 100 | | |

150 to be converted into 15 For Internal Assessment

| Practical | Marks |
|-----------------------|-------|
| Unit test -1 | 15 |
| Prefinal | 35 |
| Nursing procedure -1 | 50 |
| Nursing care plan 1 | 50 |
| Clinical Evaluation 1 | 100 |
| Total | 250 |

250 to be converted into 50

External Assessment University examination Theory -35 Practical -50

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III / IV SEMESTER M SC NURSING MEDCIAL SURGICAL NURSING II EVALUATION CRITERIA FOR CARE PLAN

Name of the student: Topic: Date of submission: Field of placement: Sr No Criteria Marks allotted Marks obtained 1 Assessment 12 2 3 Nursing diagnosis 3 2 Goal Outcome criteria/Objective 2 4 Nursing intervention 5 15 rationale 03 6 7 Evaluation 03 8 Nurses notes 10 Total 50

Remark

Signature of student Date:

Signature of evaluator Date:

EVALUATION CRITERIA FOR CASE PRESENTATION

Name of the student: Name of the patient: Diagnosis: Ward: Date of presentation:

| Sr | Criteria | Marks | Marks |
|----|---|----------|----------|
| No | | allotted | obtained |
| 1 | Subjective & objective data | 08 | |
| 2 | Problem & need identified & nursing care plan | 15 | |
| 3 | Effectiveness of presentation | 05 | |
| 4 | Corelation with patient & book, research | 10 | |
| | evidence | | |
| 5 | Use of A. V. aids | 05 | |
| 6 | Physical arrangement | 02 | |
| 7 | Group participation | 03 | |
| 8 | Bibliography | 02 | |
| | Total | 50 | |

Remark

Signature of student Date

Signature of evaluator Date

EVALUATION CRITERIA FOR SEMINAR PRESENTATION

Subject:___

| | Date: |
|------------------|--------------------|
| Name of student: | Time: |
| Group: | Maximum Marks: 100 |

| Sr. | Criteria | |] | Rati | Remarks | | |
|-----|---------------------------|---|---|------|---------|---|--|
| No. | | 1 | 2 | 3 | 4 | 5 | |
| | Content | | | | | | |
| | Introduction | | | | | | |
| | Organization of Content | | | | | | |
| | Presentation of topic | | | | | | |
| | Relevant examples | | | | | | |
| | Relevant statistical data | | | | | | |
| | Group participation | | | | | | |
| | Control of group | | | | | | |
| | AV Aids: | | | | | | |
| | Appropriate to subject | | | | | | |
| | Proper use of A/V Aids | | | | | | |
| | Self explanatory | | | | | | |
| | Attractive | | | | | | |
| | Planning and preparation | | | | | | |
| | Use of Modern technology | | | | | | |
| | Physical facilities: | | | | | | |
| | Environment | | | | | | |
| | Classroom preparation | | | | | | |
| | Over lay out | | | | | | |
| | Personal Appearance: | | | | | | |
| | Voice & clarity | | | | | | |
| | Mannerisms | | | | | | |
| | Conclusion | | | | | | |
| | References | | | | | | |

Remarks Signature of supervisor:

Signature of student

III /IV SEMESTER M. SC. NURSING MEDCIAL SURGICAL NURSING II EVALUATION CRITERIA FOR WRITTEN ASSIGNMENT

Name of the student: Topic : Date of submission : Total Marks = 25 S.N. Criteria Marks Marks obtained Content 10 1. 2. Organization 05 3. Resources used 03 4. Completeness 03 5. Neatness 02 6. Bibliography 02 Total 25

Remarks: -Date and Signature of the Evaluator:

Date and Signature of the student

III /IV SEMESTER M SC NURSING MEDCIAL SURGICAL NURSING II EVALUATION CRITERIAN FOR PROJECT

Name of the Student : Date / Time: Name of the Evaluator:

| S.N | Criteria | Maximum Score | Marks Obtained |
|------|----------------------------|------------------|-------------------|
| Ι | Content | 25 | |
| II | Organization | 10 | |
| III | Presentation | 15 | |
| IV | Innovations | 10 | |
| V | Inclusion of Recent trends | 10 | |
| VI | Clinical Application | 15 | |
| VII | A V Aids | 10 | |
| VIII | Bibliography | 05 | |
| | Total | 100 | |

Remarks: -Date and Signature of the Evaluator:

Date and Signature of the student

III /IV SEMESTER M.SC NURSING MEDCIAL SURGICAL NURSING II **CLINICAL EVALUATION**

(Maximum Marks - 100 each area)

Name of the students Year :- III / IV semester M.Sc Nursing

| SR. | Criteria | Experience | | | | |
|------|---|------------|---|---|---|---|
| No. | Criteria | 1 | 2 | 5 | - | 5 |
| Ι. | Understanding of patient as person | | | | | |
| | A.Approach | | | | | |
| | 1. Rapport with patient / family members. | | | | | |
| | 2. Collects significant information | | | | | |
| | B. Understanding of patient's health problems. | | | | | |
| | 1. knowledge about disease condition. | | | | | |
| | 2. knowledge about investigations. | | | | | |
| | 3. knowledge about treatment. | | | | | |
| | 4. knowledge about progress of the patient. | | | | | |
| II | Nursing care plan | | | | | |
| | A. Assessment of the condition of the patient. | | | | | |
| | 1. History taking –past & present health and illness | | | | | |
| | 2. Specific observation of the patient | | | | | |
| | 3. Nursing diagnosis | | | | | |
| | B. Development of the short – term and longterm nursing | | | | | |
| | care plans. | | | | | |
| | 1. Indentification of all problems in the patient family. | | | | | |
| | 2. Priritization 7 implementation of the plans. | | | | | |
| | 3. Evaluation of the care given & re-planning | | | | | |
| III | Technical skill | | | | | |
| | 1. Economical& safe adaptation to the situation & available | | | | | |
| | facilities. | | | | | |
| 11.7 | 2. Implements the procedure with skill speed & completeness | | | | | |
| IV | Recording & Reporting | | | | | |
| | 1.Prompt, Precise, accurate & relevant. | | | | | |
| 17 | 2. Maintanance of clinical experience file. | | | | | |
| V | Health Teaching | | | | | |
| | 1. Incidental/ Planned teaching with principles of | | | | | |
| | teaching and learning. | | | | | |
| VI | 2. Uses visual aids appropriately Personality | | | | | |
| V I | | | | | | |
| | 1. Professional appearance (Uniform, dignity, tact fullness interpersonal relationship, Punctuality etc. | | | | | |
| | I IIIIIIIESS IIIEIDEISONAI FEIAHOUSIID PUHCHIAIIIV EIC | | | 1 | | |
| | 2. Sincerely, honesty and sense of responsibility | | | | | |

Comments; Signature of student

Signature of Clinical Supervisor

MEDCIAL SURGICAL NURSING II EVALUATION CRITERIA FOR CASE STUDY

Name of the student: Topic:

| Date of | of submission: | | |
|---------|-------------------------------------|----------------|----------------|
| Sr. | Criteria | Marks allotted | Marks obtained |
| No | | | |
| 1 | Assessment | 05 | |
| 2 | Theoretical knowledge about disease | 05 | |
| 3 | Comparative study of patient's | 10 | |
| | disease and book picture | | |
| 4 | Management: Medical/surgical | 05 | |
| 5 | Nursing process | 15 | |
| 6 | Drug study | 03 | |
| 7 | Summary and conclusion including | 05 | |
| | research evidence | | |
| 8 | Bibliography | 02 | |
| | Total | 50 | |

Remark

Signature of Student Date:

Signature of Evaluator Date:

MEDICAL SURGICAL NURSING II FORMAT FOR EVALUATION OF PROCEDURE

Name of the student : Name of the procedure : Area of clinical experience : Date

| Date | * | : | |
|------|---|----------|----------|
| Sr. | Content | Marks | Marks |
| No. | | allotted | obtained |
| 1 | Planning and Organization | 05 | |
| 2 | Preparation of Articles, unit and patient | 10 | |
| 3 | Technical Skill During The Procedure | 15 | |
| 4 | Application of Scientific Knowledge | 10 | |
| 5 | After Care | 05 | |
| 6 | Recording & Reporting | 05 | |
| | Total | 50 | |

Signature of Student

Signature of Teacher

MEDICAL SURGICAL NURSING -CARDIOVASCULAR THORACIC NURSING

PLACEMENT : III SEMESTER -

Hours of Instruction T-75 hrs. (I-VIII unit) Practical- 150 hrs. IV Semester- T-75 hrs. (IX- XIV unit) Practical- 810 hrs.

Course Description

This course is designed to assist students in developing expertise and in-depth understanding in the field of cardiovascular and thoracic nursing. It will help students to develop advanced skills for nursing intervention in various cardio medical and surgical conditions. It will enable the student to function as Cardiovascular and Thoracic Nurses practitioner / specialist. It will further enable the student to function as educator, manager and research in the field of cardiovascular and thoracic nursing.

Objectives

At the end of the course the students will be able to:

- 1. Appreciate trends and issues related to cardiovascular and thoracic Nursing
- 2. Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of cardiovascular and thoracic conditions
- 3. Participate in national health programmes for health promotion prevention and rehabilitation of patients with cardiovascular and thoracic conditions
- 4. Perform physical, psychosocial and spiritual assessment
- 5. Assist in various diagnostic, therapeutic and surgical procedures
- 6. Apply nursing process in providing comprehensive care to patients with cardiovascular and thoracic conditions
- 7. Demonstrate advance skills/competence in managing patients with cardiovascular and thoracic conditions including Advance Cardiac Life support
- 8. Describe the various drugs used in cardiovascular and thoracic conditions and nurses responsibility
- 9. Demonstrate skill in handling various equipments /gadgets used for critical care of cardiovascular and thoracic patients
- 10. Appreciate teamwork and co-ordinate activities related to patient care
- 11. Practice infection control measures
- 12. Identify emergencies and complications and take appropriate measures

- 13. Discuss the legal and ethical issues in cardiovascular and thoracic nursing
- 14. Assist patients and their family to cope up with emotional distress, grief anxiety and spiritual needs
- 15. Appreciate the role of alternative system of medicine in care of patient
- 16. Incorporate evidence based nursing practice and practice and identify the areas of research in the field of cardiovascular and thoracic nursing
- 17. Identify the sources of stress and manage burnout syndrome among health care providers
- 18. Teach and supervise nurses and allied health workers
- 19. Design a layout of ICCU & ICTU and develop standards for cardiovascular and thoracic nursing practice.

MEDICAL SURGICAL NURSING – CARDIOVASCULAR THORACIC NURSING

PLACEMENT : III SEMESTER - T-75 hrs. (I-VIII unit) Practical- 150 hrs.

| Unit | Hrs | Topics |
|------|-----|---|
| Ι | 5 | INTRODUCTION |
| | | • Historical development, trends & issues in the field of cardiology |
| | | • Cardiovascular and thoracic conditions –major health problem. |
| | | • Concepts, principles and nursing perspectives |
| | | • Ethical and legal issues |
| | | • Evidence based nursing and its application in cardiovascular |
| | | and thoracic nursing |
| | | (to be incorporated in all the units) |
| Ш | 5 | EPIDEMIOLOGY |
| | | • Risk Factors : Hereditary psychosocial factors, hypertension, |
| | | smoking, obesity, diabetes mellitus etc. |
| | | • Health promotion disease prevention, Lifestyle modification |
| | | Conditions |
| | | National health programs related to cardiovascular and |
| | | thoracic conditions |
| | | Alternative system of medicine |
| | | Complementary therapies |
| Ш | 5 | REVIEW OF ANATOMY AND PHYSIOLOGY OF CARDIO |
| | | VASCULAR AND RESPIRATORY SYSTEM |
| | | Review anatomy and physiology of heart, lung, thoracic cavity |
| | | Embryology of the heart and lungs |
| | | Coronary circulation, Pulmonary circulation, Systemic |
| | | circulation |
| | | Hemodynamic and electrophysiology of heart |
| | | Biochemistry of blood in relation to cardiopulmonary function |
| IV | 20 | • Biochemistry of bloba in relation to cardiopalmonary function ASSESSMENT AND DIAGNOSTIC MEASURES |
| 11 | 20 | History taking |
| | | > Physical assessment |
| | | Heart rate variability: Mechanisms, measurements, pattern, |
| | | factors, impact of interventions on HRV |
| | | Diagnostic tests |
| | | |
| | | Hemodynamic monitoring: Technical aspects, monitoring, functional hemodynamic indices, ventricular function indices, |
| | | output measurements (Arterial and swan Ganz monitoring). |
| | | Blood gases and its significances, oxygen supply and demand |
| | | |
| | | Radiological examination of the chest & its implications |
| | | • Interpretation, chest, films findings |
| | | • Electrocardiography (ECG) – Electrical conduction to the |
| | | heart electrocardiography, 12 lead electrocardiography |
| | | determination |

| Unit | Hrs | Topics |
|------|-----|---|
| | | ECG changes in intra ventricular conduction abnormalities, arrhythmias, ischemia and infraction, atrial and ventricular enlargement imbalance. Echocardiography - Echocardiography of cardiac structure in health and disease, newer techniques - indication, procedure, normal and deviation Nuclear and other imaging study of the heart Stress test (TMT): Indications and objectives, safety and pre intra and post care Cardio: electrophysiology procedure: diagnostic studies, interventional and catheter ablation, nursing care Cardiac catheterization: indications and contraindications preparations, procedures, interpretation of data, After care spirometry, blood gas analysis, x-ray chest electrophysiology procedures, diagnostic studies, interventional and catheter ablation, nursing care Pulmonary function test-bronchoscope and graphics Interpretation of diagnostic test Blood test: blood specimen collection, Cardiac markers, blood lipids, hematological studies, blood culture, coagulation studies, cardiac enzymes, ABG, blood chemistries, serum concentration of selected drugs Interpretation and role of nurse Heart rate variability mechanisms, measurements, patterns, factors, impact |
| V | 10 | intervention HRV CONGENITAL HEART DISEASES Etiology, clinical manifestations ,diagnosis, prognosis related pathophysiology and nursing management of: Review of embryological development of heart Classification- Cyanotic heart diseases, acrynotic heart diseases Tetralogy of fallots Atrial septal defect, Ventricular septal defect, Eisenmenge'rs complex Patent duct arteriousus, AP window Trancus Arteriosus Transposition of grat arteries. Total Anomaly of Pulmonary venous Connection. Pulmonary stenosis, atresia. Coarctation of aorta. Ebstein's anomaly Double outlet right ventricle, Single ventricle, Hypoplastic left heart syndrome. |

| Unit | Hrs | Topics |
|------|-----|--|
| VI | 10 | VASCULAR DISORDERS AND NURSING MANAGEMENT |
| | | • Etiology, clinical manifestation, diagnosis, prognosis related |
| | | pathophysiology and nursing management of: |
| | | • Disorders of arteries |
| | | • Disorders of the aorta |
| | | • Aortic aneurysm |
| | | Aortic dissection |
| | | Raynaud's phenomenon |
| | | • Peripheral artery diseases of the lower extremities |
| | | • Venous thrombosis |
| | | • Varicose veins |
| | | • Chronic venous insufficiency and venous leg ulcers |
| | | Pulmonary embolism |
| VII | 10 | CARDIOTHORACIC EMERGENCY INTERVENTIONS |
| | | • CPR - BLS and ACLS |
| | | • Use of patient ventilator, defibrillator, Pacemaker |
| | | • Care of critically ill patients |
| | | • ICU psychosis and stress management |
| | | Post resuscitation Care |
| | 10 | Psychosocial and spiritual aspects of care. |
| VIII | 10 | NURSING CARE OF A PATIENT WITH OBSTRUCTIVE |
| | | AIRWAY |
| | | Assessment |
| | | • Use of the artificial airway |
| | | Complications, minimum cuff leak, securing tubes |
| | | Endotracheal intubation, tracheostomy and its care Oxygen delivering systems |
| | | Nasal cannula |
| | | Oxygen mask, ventury mask |
| | | Oxygen mask, ventury mask Partial rebreathing bag |
| | | I arrial rebreating bag Bi- PAP and C PAP mask |
| | | <i>Di-TAT and CTAT mask</i> <i>Uses , advantages, disadvantages, nursing implications of each</i> |
| | | • Oses, advantages, alsolavantages, nursing implications of each Mechanical ventilation |
| | | Principles of mechanical ventilation |
| | | Types of mechanical ventilation and ventilators |
| | | Types of mechanical ventilation and ventilators Modes of ventilation, advantages, disadvantages, complications |
| | | Modes of ventilation, davantages, alsadvantages, complications PEEP therapy, indications, physiology and complications, |
| | | • TEET inerapy, inaccations, physiology and complications, weaning of the ventilator |
| | | Nursing assessment and intervention of ventilator patient |
| | | • Transing assessment and their vention of ventilator patient |

MEDICAL SURGICAL NURSING – CARDIOVASCULAR THORACIC NURSING

PLACEMENT : III SEMESTER

Practical-150 hrs

| FLACEMEN | I. III SEMESTER | | | | |
|-----------|-----------------|--------------|-------------|--|--|
| Practical | | | | | |
| Sr.No. | Dept. Unit | No. Of Weeks | Total Hours | | |
| 1 | CCU | 2 | 60 | | |
| 2 | CVTS | 1 | 30 | | |
| 3 | CATH LAB | 1 | 30 | | |
| 4 | MICU | 1 | 30 | | |
| | TOTAL | 5wks | 150 Hrs | | |

EVALUATION CRITERIA: Third somester (II Year) M Sc. Nursing

| | I nira semesier (11 Iear) M. Sc. Nursing | | | | | |
|--------|--|-----------------------------|-------------|-------------------|--|--|
| | | Medical Surgical Nursing | Total Marks | Average out of | | |
| Theory | Unit test -1 | 15 | 150 | 15 | | |
| | Prefinal | 35 | | | | |
| | Seminar | 100 | | | | |

150 to be converted into 15

| Practical | Marks |
|-----------------------|-------|
| Unit test -1 | 15 |
| Prefinal | 35 |
| Nursing procedure -1 | 50 |
| Nursing care plan 1 | 50 |
| Clinical Evaluation 1 | 100 |
| Total | 250 |

250 to be converted into 50

External Assessment University examination Theory - 35 Practical -50

MEDICAL SURGICAL NURSING - GASTRO ENTEROLOGY NURSING

| PLACEMENT: III SEMESTER- T-75 hrs. (I-VII unit) | Practical- 150 hrs. |
|---|---------------------|
| IV SEMESTER- T-75 hrs. (VIII- XIII unit) | Practical- 810 hrs. |

Course Description

This course is designed to assist students in developing expertise and in- depth understanding in the field of gastro enterology Nursing. It will help students to develop advanced skills for nursing intervention in various gastro enterology conditions. It will enable the student to function as gastro enterology nurse practitioner/specialist and provide quality care. It will further enable the student to function as educator, manager, and researcher in the field of gastro enterology nursing

Objectives

At the end of the course the students will be able to

- 1. Appreciate trends and issues related to gastro enterology nusing
- 2. Describe the epidemiology, etiology, pathophysiology and diagnostic Assessment of gastrointestinal conditions
- 3. Participate in national health programs for health promotion prevention and rehabilitation of patients with gastrointestinal conditions
- 4. Perform physical, psychosocial and spiritual assessment
- 5. Assist in various diagnostic, therapeutic and surgical procedures
- 6. Provide comprehensive care to patient with gastrointestinal conditions
- 7. Describe the various drugs used in gastrointestinal conditions and nurses responsibility
- 8. Demonstrate skill in handling various equipments / gadgets used for patients with gastrointestinal conditions
- 9. Appreciate teamwork & coordinate activities related to patient care.
- 10. Practice infection control measures.
- 11. Identify emergencies and complications & take appropriate measures
- 12. Assist patients and their family to cope with emotional distress, grief, anxiety and spiritual needs
- 13. Discuss the legal and ethical issues in GE nursing.
- 14. Identify the sources of stress and manage burnout syndrome among health care providers
- 15. Appreciate the role of alternative system of medicine in care of patient

- 16. Incorporate evidence based nursing practice and identify the areas of research in the field of gastrointestinal nursing
- 17. Teach and supervise nurses and allied health workers.
- 18. Design a layout of Gastro entrology intensive care unit (GEICU), liver care/transplant unit

MEDICAL SURGICAL NURSING - GASTRO ENTEROLOGY NURSING

Placement : III Semester T-75 hrs. (I-VII unit) Practical- 150 hrs.

| Unit | Hrs | Content |
|------|-----|--|
| Ι | 5 | INTRODUCTION Historical development: trends and issues in the field of gastro enterology. Gastro enterological problems Concepts, principles and nursing perspectives Ethical and legal issues Evidence based nursing and its application in gastrointestinal nursing (to be incorporated in all the units) |
| II | 5 | EPIDEMIOLOGY Risk factors associated with GE conditions- Hereditary, Psychosocial factors, smoking, alcoholism, dietary habits, cultural and ethnic considerations Health promotion, disease prevention, lifestyle modification and its implications to nursing National health programmes related to gastro enterology Alternate system of medicine/complementary therapies |
| 111 | 5 | REVIEW OF ANATOMY AND PHYSIOLOGY OF GASTROINTESTINAL SYSTEM Gastrointestinal system Liver, biliary and pancreas Gerontologic considerations Embryology of GI system Immunology specific to GI system |

| Unit | Hrs | Content | | | | |
|------|----------------|---|--|--|--|--|
| IV | 15 | ASSESSMENT AND DIAGNOSTIC MEASURES | | | | |
| | | History taking | | | | |
| | | Physical assessment, psychosocial assessment | | | | |
| | | Diagnostic tests | | | | |
| | | • Radiological studies: Upper GIT- barium swallow, lower GIT- | | | | |
| | Barrium enema, | | | | | |
| | | • Ultra sound: | | | | |
| | | • Computed tomography | | | | |
| | | • MRI | | | | |
| | | • Cholangiography: Percutaneous transheptatic | | | | |
| | | Cholangiogram(PTC) | | | | |
| | | Magnetic Resonance Cholangio pancreotography (MRCP) | | | | |
| | | Nuclear imaging scans(scintigraphy) | | | | |
| | | • Endoscopy | | | | |
| | | Colonoscopy Proctosigmoidoscopy | | | | |
| | | Endoscopic Retrogrde Cholongio pancreotography (ERCP) | | | | |
| | | Endoscopic ultrasound Peritonoscopy (Laproscopy) | | | | |
| | | Gastric emptying studies | | | | |
| | | Blood chemistries: Serum amylase, serum lipase Liver biopsy | | | | |
| | | Miscellaneous tests: Gastric analysis, fecal analysis | | | | |
| | | <i>Liver function tests: Bile formation and excretion, dye excretion</i> | | | | |
| | | test, Protein metabolism, haemostatic functions- prothrombin | | | | |
| | | vitamin K production, serum enzyme tests, Lipid metabolism- | | | | |
| | | serum cholesterol | | | | |
| | | Interpretation of diagnostic measures | | | | |
| | | Nurse's role in diagnostic tests | | | | |
| V | 25 | GASTROINTESTINAL DISORDERS AND NURSING | | | | |
| | | MANAGEMENT | | | | |
| | | Etiology, clinical manifestations, diagnosis, prognosis, related | | | | |
| | | pathophysiology, medical, surgical and nursing management of | | | | |
| | | • Disorders of the mouth: Dental caries, Peridontal disease, Acute | | | | |
| | | tooth infection, Stomatitis, Thrush (moniliasis), Gingivitis, | | | | |
| | | Leukoplakia, Inflammation of the parotid gland, Obstruction to | | | | |
| | | the flow of saliva, Fracture of the jaw | | | | |
| | | • Disorders of the oesophagus: Reflux oesophagitis, Oesophageal | | | | |
| | | achalasia, Oesoophageal varices, Hiatus hernia, Diverticulum | | | | |
| | | • Disorders of the stomach and duodenum: Gastritis, Peptic | | | | |
| | | ulcer, Dumping of the stomach, Food poisoning, idiopathic | | | | |
| | | gastroparesis, Aerophagia and belching syndrome, Ideopathic | | | | |
| | | cyclic nausea and vomiting, Rumination syndrome, Functional | | | | |
| | | <i>dyspepsia, Chronic Nonspecific (functional) abdominal pain</i> • <i>Disorders of the small intestine</i> | | | | |
| | | | | | | |
| | | Malabsorption syndrome – tropical sprue Gluten – sensitive enteropathy (Coeliac disease) | | | | |
| | | | | | | |
| | | - Inflammatory diseases of intestines and abdomen, | | | | |

| Unit | Hrs | Content |
|---|-----|--|
| | | appendicitis, Peritonities, Intestinal obstruction, |
| | | Abdominal TB, Gastrointestinal polyposis syndrome |
| | | - Chronic inflammatory bowel disease, Ulcerative colites, |
| | | crohn's disease |
| | | – Infestations and infections – Worm infestations, Typhoid, |
| | | Leptospirosis |
| | | – Solitary rectal ulcer syndrome |
| | | - Alteration in bowel elimination (diarrhoea, constipation, |
| | | fecal impaction, fecal incontinence, Irritable bowel |
| | | syndrome, Chronic idiopathic constipation, Functional |
| | | diarrhoea |
| | | Anorectal Conditions: Hemorrhoide, Anal fissure, Anal fistula, |
| | | Abscess, Strictures, Rectal prolapse, Pruritis ani, Pelonidal |
| | | disease, Anal condylomas, Warts |
| VI | 15 | DISORDER OF LIVER, PANCREAS GALL BLADDER AND |
| , 1 | 10 | NURSING MANAGEMENT |
| | | Disorders of liver biliary tract: Viral Hepatitis – A, B, C, D & E |
| | | Toxic hepatitis |
| | | • Cirrhosis of liver, liver failure, Liver transplantation |
| | | Non cirrhotic portal fibrosis |
| | | Liver abscess, |
| | | |
| Parasitic and other cysts of the liver Disorders of the Gall Bladder and Bile Cholecystitis | | |
| | | · · · · · · · · · · · · · · · · · · · |
| | | Cholelitheasis |
| | | Choledocholilethiasis |
| | | Disorders of the pancreas: Pancreatitis, Benign tumors of islet |
| | | cells Disorders of the Peritoneum |
| | | • Infections of the peritoneum |
| | | Surgical peritonitis |
| | | Spontaneous bacterial peritonitis |
| | | Tuberculosis peritonitis |
| | | Disorders of the Diaphragm |
| | | Disorders of the Diaphragm Diaphragmatic hernia |
| | | Congenital hernias |
| | | Paralysis of diaphragm |
| | | |
| | | • Tumors of the diaphragm |
| VII | 5 | Hiccups |
| VII | 5 | ADMINISTRATION AND MANAGEMENT OF GE UNIT |
| | | • Design & layout |
| | | • Staffing, |
| | | • Equipment, supplies, |
| | | • Infection control; Standard safety measures |
| | | • Quality Assurance:-Nursing audit –records /reports, Norms, |
| | | policies and protocols |
| | | • Practice standards |

MEDICAL SURGICAL NURSING GASTRO ENTEROLOGY NURSING

| Placement : III Semester | | Practical-150hrs | |
|--------------------------|-----------------------|------------------|--------------------|
| Sr. No. | Dept.Unit | No. of Weeks | Total Hours |
| 1 | CASUALITY | 1 | 30 |
| 2 | MICU | 1 | 30 |
| 3 | SICU | 2 | 60 |
| 4 | LIVER TRANSPLANT UNIT | 1 | 30 |
| | Total | 5 | 150 |

EVALUATION CRITERIA

Third semester (II YEAR) M.sc Nursing

| | | Medical Surgical Nursing | Total Marks | Average out of |
|--------|--------------|-----------------------------|-------------|----------------|
| Theory | Unit test -1 | 15 | 150 | 15 |
| | Prefinal | 35 | | |
| | Seminar | 100 | | |

150 to be converted into 15

| Practical | Marks |
|-----------------------|-------|
| Unit test -1 | 15 |
| Prefinal | 35 |
| Nursing procedure -1 | 50 |
| Nursing care plan 1 | 50 |
| Clinical Evaluation 1 | 100 |
| Total | 250 |

250 to be converted into 50

External Assessment University examination Theory -35 Practical -50

MEDICAL SURGICAL NURSING - NEPHRO-UROLOGY NURSING

Placement : III Semester-

T-75 hrs (I-VII unit) Practical - 150 hrs IV Semester - T-75 hrs (VIII- XV unit) Practical - 810 hrs

Course Description

This course is designed to assist students in developing expertise and in- depth understanding in the field of Nephro and urological Nursing. It will help students to develop advanced skills for nursing intervention in various nephro and urological conditions. It will enable the student to function as nephro and urology nurse practitioner/specialist and provide quality care. It will further enable the student to function as educator, manager, and researcher in the field of nephro and urology nursing

Objectives

At the end of the course the students will be able to:

- 1. Appreciate trends and issues related to nephro and urological nursing
- 2. Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of nephro and urological conditions
- 3. Perform physical, psychosocial and spiritual assessment
- 4. Assist in various diagnostic, therapeutic and surgical interventions
- 5. Provide comprehensive nursing care to patients with nephro and urological conditions
- 6. Describe the various drugs used in nephro and urological conditions and nurses responsibility
- 7. Demonstrate skill in handling various equipments/gadgets used for patients with nephro and urological conditions
- 8. Appreciate teamwork and coordinate activities related to patient care
- 9. Practice infection control measures.
- 10. Identify emergencies and complications and take appropriate measures
- 11. Assist patients and their family to cope with emotional distress, grief, anxiety and spiritual needs
- 12. Discuss the legal and ethical issues in nephro and urological nursing

- 13. Identify the sources of stress and manage burnout syndrome among health care providers
- 14. Appreciate the role of alternative system of medicine in the care of patient
- 15. Incorporate evidence based nursing practice and identify the areas of research in the field of nephro and urological nursing
- 16. Teach and supervise nurses and allied health workers
- 17. Design a layout of kidney transplant unit and dialysis unit
- 18. Develop standards of nephro urological nursing practice.

MEDICAL SURGICAL NURSING - NEPHRO-UROLOGY NURSING

Placement : III Semester- T-75 hrs (I-VII unit)

Practical- 150 hrs

| Unit | Hrs | Content |
|------|-----|--|
| Ι | 5 | INTRODUCTION |
| | | • Historical development: trends and issues in the field of nephro |
| | | and urological nursing. |
| | | Nephro and urological problems |
| | | Concepts, principles and nursing perspectives |
| | | • Ethical and legal issues |
| | | • Evidence based nursing and its application in nephro and |
| | | urological nursing (to be incorporated in all the units) |
| II | 5 | EPIDEMIOLOGY |
| | | • Major health problems- urinary dysfunction, urinary tract |
| | | infections, Glomuerular disorders, obstructive disorders ad |
| | | other urinary disorders |
| | | • Risk factors associated with nephro and urological conditions |
| | | conditions- Hereditary, Psychosocial factors, smoking, |
| | | alcoholism, dietary habits, cultural and ethnic considerations |
| | | • Health promotion, disease prevention, lifestyle modification and |
| | | its implications to nursing |
| | | Alternate system of medicine/complementary therapies |
| III | 5 | REVIEW OF ANATOMY AND PHYSIOLOGY OF URINARY |
| | | SYSTEM |
| | | Embryology |
| | | Structure and functions |
| | | Renal circulation |
| | | Physiology of urine formation |
| | | Fluid and electrolyte balance |
| | | Acid base balance |
| | | Immunology specific to kidney |

| IV | 20 | ASSESSMENT AND DIAGNOSTIC MEASURES |
|-----|----|--|
| | | • History taking |
| | | • Physical assessment, psychosocial assessment |
| | | • Common assessment abnormalities - dysurea, frequency, |
| | | enuresis, urgency, hesistancy, hematuria, pain, retention, |
| | | burning on urination, pneumaturia, incontinence, nocturia, |
| | | polyurea, anuria, oliguria, |
| | | • Diagnostic tests-urine studies, blood chemistry, radiologica |
| | | procedures - KUB, IVP, nephrotomogram, retrograde pylogram, |
| | | renal arteriogram, renalultrasound, CT scan, MRI, cystogram, |
| | | renal scan, biopsy, endoscopy-cystoscopy, urodynamics studies- |
| | | cystometrogram, urinary flow study, sphincter |
| | | electromyography, voiding pressure flow study, |
| | | videourodynamics, Whitaker study Interpretation of diagnostic |
| | | measures Nurse's role in diagnostic tests |
| V | 5 | RENAL IMMUNOPATHY/IMMUNOPATHOLOGY |
| | | • General Concept of immunopathology |
| | | • Immune mechanism of glomerual vascular disease |
| | | • Role of mediater systems in glomerula vascular disease |
| VI | 25 | GLOMUERAL DISORDERS AND NURSING MANAGEMENT |
| | | Etiology, clinical manifestations, diagnosis, prognosis, related |
| | | pathophysiology, medical, surgical and nursing management of |
| | | Glomueralo nephritis- chronic, acute, nephritic syndrome |
| | | Acute Renal failure and chronic renal failure. |
| | | Renal calculi |
| | | Renal tumours-benign and malignant |
| | | Renal trauma |
| | | Renal abscess |
| | | Diabetic nephropathy |
| | | Vascular disorders |
| | | Renal tuberculosis |
| | | Polycystic |
| | | Congenital disorders |
| | | Hereditary renal disorders |
| VII | 10 | PEDIATRIC URINARY DISORDERS |
| | | Etiology, clinical manifestations, diagnosis, prognosis, related |
| | | pathophysiology, medical, surgical and nursing management of |
| | | children with Renal Diseases -UTI, ureteral reflux, glomerulo |
| | | nephritis, nephrotic syndrome infantile nephrosis, cystic kidneys, |
| | | familial factors in renal diseases in childhood, |
| | | Haemolyticuraemic syndrome. Benign recurrent haemturia, |
| | | nephropathy, tumour |

MEDICAL SURGICAL NURSING - NEPHRO-UROLOGY NURSING

Placement : III Semester

Practical- 150 hrs

| Sr. No. | Dept. Unit | No. of Weeks | Total Hours |
|---------|--------------------|--------------|-------------|
| 1 | Urology Ward(MALE) | 1 | 30 |
| 2 | UroNephro OPDs | 1 | 30 |
| 3 | Diagnostic Labs | 1 | 30 |
| 4 | Emergency Wards | 1 | 30 |
| 5 | Dialysis Unit | 1 | 30 |
| | Total | 5 | 150 |

Evaluation Criteria: Third semester (II YEAR) M.sc Nursing

Medical Surgical
NursingTotal
MarksAverage out
ofTheoryUnit test -115150Prefinal3515

100

150 to be converted into 15

Seminar

| Practical | Marks |
|-----------------------|-------|
| Unit test -1 | 15 |
| Prefinal | 35 |
| Nursing procedure -1 | 50 |
| Nursing care plan 1 | 50 |
| Clinical Evaluation 1 | 100 |
| Total | 250 |

250 to be converted into 50

External Assessment University examination Theory -35 Practical -50

MEDICAL SURGICAL NURSING -NEUROSCIENCE NURSING

PLACEMENT : III T-75 Hrs. (I-IX UNIT)

Practical : 150 hrs. IV Semester - T-75 hrs. (x- xix unit) Practical - 810 hrs.

Course Description

This course is designed to assist students in developing expertise and in-depth knowledge in the field of neurology and neurosurgical Nursing. It will help students to develop advanced skills for nursing intervention in caring for patients with neurological and neurosurgical disorders. It will enable the student to function as neuroscience nurse practitioner/ specialist. It will further enable the student to function as educator, manager and researcher in the field of neurology and neurosurgical Nursing.

Objectives

At the end of the course the students will be able to

- 1. Appreciate trends and issues related to neurology and neurosurgical Nursing.
- 2. Review the anatomy and physiology of nervous system
- 3. Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of patients with neurological and neurosurgical disorders
- 4. Perform neurological assessment and assist in diagnostic procedures
- 5. Describe the concepts and principles of neuroscience nursing
- 6. Describe the various drugs used in neurosciences and nurses responsibility
- 7. Assist in various therapeutic and surgical procedures in neuroscience nursing
- 8. Demonstrate advance skills / competence in managing patients with neurological and neurosurgical disorder following nursing process approach
- 9. Identity psychosocial problems of patients with disabilities and assist patients and their family to cope with emotional distress, spiritual, grief and anxiety
- 10. Participate in preventive, promotive and rehabilitative services for neurological and neurosurgical patients.
- 11. Explain the legal and ethical issues related to brain death, organ transplantation and practice of neuroscience nursing

- 12. Incorporate evidence based nursing practice and identify the areas of research in the field of neuroscience nursing
- 13. Organise and conduct in service education program for nursing personnel.
- 14. Develop standards of care for quality assurance in neuroscience nursing practice
- 15. Identify the sources of stress and manage burnout syndrome among health care providers
- 16. Teach and supervise nurses and allied health workers.
- 17. Plan and develop physical layout of neuro intensive care unit

MEDICAL SURGICAL NURSING -NEUROSCIENCE NURSING

| Placement : III Semester- T-75 hrs (I-IX unit) | Practical- 150 hrs |
|--|--------------------|
|--|--------------------|

| Unit | Hrs | Content |
|------|-----|--|
| Ι | 5 | INTRODUCTION Introduction to neuroscience (neurological and neurosurgical) |
| | | nursing |
| | | • History-Development in neurological and neurosurgical nursing, Service & education |
| | | Emerging trends and issues in neurology and neurosurgery and its implication to nursing. |
| | | • Neurological and neurosurgical problems – |
| | | • Concepts, principles and nursing perspectives |
| | | • Ethical and legal issues |
| | | • Evidence based nursing and its application in neurological and neurosurgical nursing |
| Ш | 5 | EPIDEMIOLOGY |
| | | Major health problems- |
| | | Risk factors associated with neurological conditions- Hereditary, |
| | | Psychosocial factors, smoking, alcoholism, dietary habits cultural |
| | | and ethnic considerations, occupational and infections. |
| | | Health promotion, disease prevention, lifestyle modification and its |
| | | implications to nursing |
| | | Alternate system of medicine/complementary therapies |
| III | 10 | REVIEW OF ANATOMY AND PHYSIOLOGY |
| | | Embryology Structure and functions of Nervous system- CNS, ANS, |
| | | cereberal circulation, cranial and spinal nerves and reflexes, motor |
| | | and sensory functions Sensory organs |
| IV | 15 | ASSESSMENT AND DIAGNOSTIC MEASURES |
| | | Assessment |
| | | • History taking |
| | | Physical assessment, psychosocial assessment |

| Unit | Hrs | Content |
|------|-----|--|
| | | • Neurological assessments, Glasgow coma scale interpretation & |
| | | its relevance to nursing. |
| | | Common assessment abnormalities |
| | | Diagnostic measures |
| | | • Cerebro spinal fluid analysis |
| | | • Radiological studies-Skull and spine X-ray Cerebral |
| | | Angiography, CT Scan, Single Photon Emission Computer |
| | | Tomography(SPECT), MRI (Magnetic Resonance Imaging), |
| | | MRA, MRS, Functional MRI, Myelography, PET (Positron |
| | | Emission Test), Interventional radiology. |
| | | • Electorgraphic studies- Electro encephalography, MEG, EMG, |
| | | video EEG, |
| | | • Nerve conduction studies-Evoked potentials, visual evoked |
| | | potentials, brain stem auditory evoked potentials, |
| | | somatosensory evoked potentials |
| | | • Ultrasound studies-Carotid duplex, transcranial |
| | | Dopplersonography, |
| | | Immunological studies |
| | | • Biopsies – muscle, nerve and Brain. |
| | | Interpretation of diagnostic measures |
| | | Nurse's role in diagnostic tests |
| | 5 | MEETING NUTRITIONAL NEEDS OF NEUROLOGICAL |
| | | PATIENTS |
| | | Basic nutritional requirements |
| | | Metabolic changes following injury and starvation |
| | | Nutritional assessment |
| | | Common neurological problems that interfere with nutrition and |
| | | strategies for meeting their nutritional needs |
| | | Special metabolic and electrolyte imbalances |
| | | Chronic fatigue syndrome |
| VI | 5 | DRUGS USED IN NEUROLOGICAL AND NEUROSURGICAL |
| | | DISORDERS |
| | | Classification |
| | | Indications, contraindications, actions and effects, toxic effects |
| | | Role of nurse |
| VII | 10 | TRAUMATIC CONDITIONS. |
| | | Causes, pathophysiology, Clinical types, Clinical features, |
| | | diagnosis, Prognosis, Management: medical, surgical and Nursing |
| | | management of |
| | | • Cranio cerebral injuries. |
| | | • Spinal & Spinal cord injuries. |
| | | Peripheral nerve injuries. |
| | | Unconsciousness |
| VIII | 10 | CEREBROVASCULAR DISORDERS: |
| | | Causes, pathophysiology, Clinical types, Clinical features, |
| | | diagnosis, Prognosis, Management: medical, surgical and Nursing |

| Unit | Hrs | Content | | |
|------|-----|---|--|--|
| | | management of | | |
| | | • Stroke and arterio venous thrombosis. | | |
| | | • Haemorrhagic embolus. | | |
| | | Cerebro vascular accidents. | | |
| | | • Intracranial aneurysm. | | |
| | | Subarchnoid Haemorrhage. | | |
| | | • Arterio venous fistula. | | |
| | | • Brain tumours | | |
| | | Diseases of cranial nerves ; Trigiminal neuralgia, Facial palsy, | | |
| | | Bulbar palsy. | | |
| IX | 10 | DEGENERATING AND DEMYELINATING DISORDERS | | |
| | | Causes, pathophysiology, Clinical types, Clinical features, | | |
| | | diagnostic, Prognosis, Management: medical, surgical and | | |
| | | Nursing management of | | |
| | | • Motor neuron diseases. | | |
| | | Movement disorders- Tics, dystonia, chorea, wilson's disease, essential tremors | | |
| | | • Dementia. | | |
| | | • Parkinson's disease. | | |
| | | • Multiple sclerosis. | | |
| | | • Alzemier's | | |

MEDICAL SURGICAL NURSING - NEUROSCIENCE NURSING

Placement : III Semester Practical- 150 hrs

PRACTICAL

| Sr. No. | Dept. Unit | No. of Weeks | Total Hours |
|---------|---------------|-----------------|----------------|
| 1 | casualty | 2 | 60 |
| 2 | Sicu | 2 | 60 |
| 3 | Trauma Center | 1 | 30 |
| | Total | 5 | 150 |

EVALUATION CRITERIA: Third semester (II YEAR) M.sc Nursing

| | | Medical Surgical Nursing | Total Marks | Average out of |
|--------|--------------|--------------------------|----------------|-------------------|
| Theory | Unit test -1 | 15 | 150 | 15 |
| | Prefinal | 35 | | |
| | Seminar | 100 | | |

150 to be converted into 15

| Practical | Marks |
|-----------------------|-------|
| Unit test -1 | 15 |
| Pre final | 35 |
| Nursing procedure -1 | 50 |
| Nursing care plan 1 | 50 |
| Clinical Evaluation 1 | 100 |
| Total | 250 |

250 to be converted into 50

External Assessment University examination Theory -35 Practical -50

MEDICAL SURGICAL NURSING - ONCOLOGY NURSING

PLACEMENT : III SEMESTER- T-75 HRS (I-IX UNIT)

Practical - 150 Hrs. IV Semester- T-75 Hrs. (X - XV UNIT) Practical- 810 Hrs

Course Description

This course is designed to assist students in developing expertise and in- depth understanding in the field of oncology Nursing. It will help students to develop advanced skills for nursing intervention in various oncological conditions. It will enable the student to function as oncology nurse practitioner/specialist and provide quality care. It will further enable the student to function as educator, manager, and researcher in the field of oncology nursing

Objectives

- 1. Explain the prevention, screening and early detection of cancer
- 2. Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of oncological disorders of various body systems
- 3. Describe the psychosocial effects of cancer on patients and families
- 4. Demonstrate skill in administering/assisting in various treatment modalities used for patients with cancer
- 5. Apply nursing process in providing holistic care to patients with cancer
- 6. Apply specific concepts of pain management
- 7. Appreciate the care of death and dying patients and value of bereavement support
- 8. Describe the philosophy, concept and various dimensions of palliative care
- 9. Appreciate the role of alternative systems of medicine in care of cancer patients
- 10. Appreciate the legal and ethical issues relevant to oncology nursing
- 11. Recognize and manage Oncological emergencies
- 12. Counsel the patients with cancer and their families
- 13. Incorporate evidence based nursing practice and identify the areas of research in the field of oncology nursing
- 14. Recognize the role of oncology nurse practitioner as a member of oncology team

- 15. Collaborate with other agencies and utilize resources in caring for cancer patients.
- 16. Teach and supervise nurses and allied health workers.
- 17 Design a layout and develop standards for management of oncology units/hospitals and nursing care.

MEDICAL SURGICAL NURSING - ONCOLOGY NURSING

PLACEMENT : III SEMESTER- T-75 Hrs. (I-VIII UNIT) PRACTICAL- 150 Hrs.

| Unit | Hrs | Content |
|----------|-----|---|
| Ι | 4 | INTRODUCTION |
| | | Epidemiology-Incidence, Prevalence – Global, National, State |
| | | and Local |
| | | Disease burden, concept of cancer, risk factors |
| | | Historical perspectives |
| | | Trends and issues |
| | | Principles of cancer management |
| | | Roles and responsibilities of oncology nurse |
| II | 5 | THE NATURE OF CANCER |
| | | Normal cell biology |
| | | The Immune system |
| | | Pathological and pathophysiological changes in tissues |
| | | • Biology of the cancer cell |
| | | Clone formation Transformation |
| | | • Tumor stem lines |
| | | • Structure of a solid tumor |
| | | • Products produced by the tumor |
| | | Systemic effects of tumor growth |
| III | 4 | ETIOLOGY OF CANCER |
| | | Carcinogenesis, Theories of cancer causation |
| | | Risk factors |
| | | Carcinogens – genetic factors, chemical carcinogens, radiation, |
| | | viruses, Immune system failure, rapid tissue proliferation |
| | | Hormone changes, diet, emotional factors. |
| IV | 10 | DIAGNOSTIC EVALUATION |
| | | Health assessment: History taking, physical examination, |
| | | Staging and grading of tumors, |
| | | TNM Classification |
| | | Common diagnostic tests |
| | | Blood investigation: Haemetological, Bio-chemical, Tumor |
| | | markers, Hormonal assay |
| | | • Cytology:Fine needle aspiration cytology(FNAC) |
| | | Histopathology: Biopsy Dadialogical aggregament: MPL Ultragground Commuted |
| | | • Radiological assessment: MRI, Ultrasound, Computed |
| | | tomography, Mammography, Positron emission tomography (PET) Radio muchido imaging, Functional metabolism imaging |
| | | (PET), Radio nuclide imaging, Functional metabolism imaging |
| <u> </u> | | • Endoscopies Nurses responsibilities in diagnostic measures |

| V | 10 | LEVELS OF PREVENTION AND CARE |
|-----|----|--|
| · · | 10 | Primary prevention – Guidelines for cancer detection, general |
| | | measures, Warning signs of cancer, |
| | | Self-examination-Oral, Breast, Testicular |
| | | Secondary prevention – early diagnosis. |
| | | |
| | | Screening |
| | | <i>Tertiary prevention – disability limitation,</i> |
| | | Rehabilitation : Mobility , Speech, Bowel and bladder, Ostomiesetc |
| | | Patient and family education, |
| | | Discharge instruction, follow-up care and use of community |
| | | resources. |
| VI | 25 | CANCER TREATMENT MODALITIES AND NURSE'S ROLE |
| | | Surgery |
| | | Principles of surgical oncology |
| | | • Current surgical strategy, |
| | | • Determining surgical risk |
| | | Special surgical techniques |
| | | Pre-intra-postoperative nursing care |
| | | Acute and chronic surgical complications |
| | | Future directions and advances |
| | | Chemotherapy |
| | | |
| | | Principles and classification of chemotherapeutics Pharmacelanic of anti-model and a Machanism of action |
| | | • Pharmacology of anti-neoplastic drugs- Mechanism of action, Absorption, protein binding, Bio-transformation, excretion, common side effects, drug toxicity |
| | | • Calculating drug doses, |
| | | • Therapeutic response to chemotherapy- Tumor variables, drug |
| | | resistance, |
| | | Safety precautions |
| | | |
| | | Radiation Therapy |
| | | Physics of radiotherapy These of ionizing upper |
| | | • Types of ionizing rays |
| | | • Radiation equipments: Linear accelerator, cobalt, Implants, |
| | | Isotopes, |
| | | • Types of therapies: Oral, Brachy therapy, tele therapy, selectron |
| | | therapy |
| | | • Effects of radiation on the body tissue, |
| | | • <i>Radiation biology – cell damage hypoxic cells, alteration of tumor kinetics.</i> |
| | | • Approaches to radiation therapy – |
| | | • External radiotherapy |
| | | • Internal radiotherapy – unsealed, Sealed sources. |
| | | • Effectiveness of radiotherapy-Radiosensitivity, treatment effects |
| | | • Complications of radiotherapy |
| | | • Radiation safety: Standards of Bhaba Atomic Research Centre(BARC) |
| | | |
| | | 135 |

| | | Bone Marrow Transplantation /Stem Cell Transplantation |
|----------|----|---|
| | | • Types, indications, transplantation procedure, complications |
| | | and nursing managment |
| | | • Types and donor sources |
| | | Preparation and care of donor and recipient |
| | | |
| | | Bone marrow bank |
| | | • Legal and ethical issues |
| | | Immunotherapy (Biotherapy) |
| | | • Concepts and principles |
| | | Classification of agents |
| | | • Treatment and applications |
| | | Gene Therapy |
| | | Current Concepts and practices |
| | | Alternative and Complementary Therapies |
| | | Current practices |
| VII | 10 | PAIN MANAGEMENT:- THEORIES, TYPES AND |
| | | • Nature of cancer pain |
| | | Pathophysiology of pain |
| | | • Pain threshold |
| | | Assessment of pain |
| | | Principles of cancer pain control |
| | | • Pharmacological: Opioid and non-opioid analgesic therapy |
| | | • Patient controlled analgesia(PCA) |
| | | Other invasive techniques of pain control |
| | | Recent developments in Cancer pain |
| | | Non- Pharmacological pain relief technique- |
| | | • Complementary therapies(Music, massage, meditation, |
| | | relaxation techniques, biofeed back etc) |
| | | Psychological intervention in pain control |
| | | Alternative system of medicines |
| | | Role of nurse |
| VIII | 5 | PALLIATIVE CARE |
| | | Definition and scope, philosophy |
| | | Concept and elements of palliative care |
| | | Global and Indian perspective of palliative care |
| | | Quality of life issues |
| | | Communication skill |
| | | Nursing perspective of palliative care and its elements |
| | | Home care |
| | | Hospice care |
| | | Role of nurse in palliative care |
| IX | 2 | INFECTION CONTROL: |
| 1/ | 4 | Process of infection, risk of hospitalization, nosocomial |
| | | <i>infections- prevention and control of infection in acute, long</i> |
| | | term care facility and community based care |
| | | |
| <u> </u> | | Standard safety measures |

MEDICAL SURGICAL NURSING - ONCOLOGY NURSING

Placement : III Semester

Practical: 150hrs

Practical

| Sr. No. | Dept.Unit | No. of Weeks | Total Hours |
|------------|------------------------|--------------|-------------|
| 1 | Onco. OPD | 1 | 30 |
| 2 | SICU | 1 | 30 |
| 3 | Oncology Ward (Male) | 1 | 30 |
| 4 | Oncology Ward (Female) | 1 | 30 |
| 5 | Pallative care unit | 1 | 30 |
| | Total | 5 | 150 |

Evaluation Criteria: Third semester (II Year) M.sc Nursing

| | | Medical Surgical Nursing | Total Marks | Average out of |
|--------|--------------|-----------------------------|-------------|-------------------|
| Theory | Unit test -1 | 15 | 150 | 15 |
| | Prefinal | 35 | | |
| | Seminar | 100 | | |

150 to be converted into 15

| Practical | Marks |
|-----------------------|-------|
| Unit test -1 | 15 |
| Prefinal | 35 |
| Nursing procedure -1 | 50 |
| Nursing care plan 1 | 50 |
| Clinical Evaluation 1 | 100 |
| Total | 250 |

250 to be converted into 50

External Assessment University examination Theory -35 Practical -50

MEDICAL SURGICAL NURSING - ORTHOPEDIC NURSING

PLACEMENT : III SEMESTER- T-75 HRS. (I-X UNIT) PRACTICAL- 150 HRS. IV SEMESTER- T-75 HRS (XI- XVIII UNIT) PRACTICAL- 810 HRS.

Course Description

This course is designed to assist students in developing expertise and in-depth understanding in the field of orthopedic nursing. It will help students to develop advanced skills for nursing intervention in various orthopedic conditions. It will enable the student to function as orthopedic nurse practitioner/ specialist providing quality care. It will further enable the student to function as educator, manager, and researcher in the field of orthopedic nursing.

OBJECTIVES:

At the end of the course the students will be able to:

- 1 Appreciate the history and developments in the field of orthopedic nursing
- 2 Identify the psycho-social needs of the patient while providing holistic care.
- 3 Perform physical and psychological assessment of patients with orthopedic conditions and disabilities
- 4 Describe various disease conditions and their management
- 5 Discuss various diagnostic tests required in orthopedic conditions
- 6 Apply nursing process in providing care to patients with orthopedic conditions and those requiring rehabilitation.
- 7 Recognize and manage orthopedic emergencies.
- 8 Describe recent technologies and treatment modalities in the management of patients with orthopedic conditions and those requiring rehabilitation.
- 9 Integrate the concept of family centered, long term care and community based rehabilitation to patients with orthopedic conditions.
- 10 Counsel the patients and their families with orthopedic conditions
- 11 Describe various orthotic and prosthetic appliances
- 12 Appreciate the legal and ethical issues pertaining to patients with orthopedic conditions and those requiring rehabilitation.
- 13 Appreciate the role of alternative system of medicine in care of patients with orthopedic conditions

- 14 Incorporate evidence based nursing practice and identify the areas of research in the field of orthopedic nursing.
- 15 Recognize the role of orthopedic nurse practitioner and as a member of the orthopedic and rehabilitation team.
- 16 Teach orthopedic nursing to undergraduate students and in-service nurses
- 17 Prepare a design and layout of orthopedic and rehabilitative units.

MEDICAL SURGICAL NURSING - ORTHOPEDIC NURSING

PLACEMENT : III SEMESTER- T-75 HRS (I-X UNIT) PRACTICAL- 150 HRS

Course Content

| Unit | Hrs | Content |
|------|-----|--|
| Ι | 5 | INTRODUCTION |
| | | Historical perspectives – History and trends in orthopedic mursing |
| | | Definition and scope of orthopedic nursing |
| | | Anatomy and physiology of Musculo-skeletal system |
| | | Posture, Body landmarks Skeletal system Muscular system. |
| | | Nervous system - Main nerves |
| | | Healing of - Injury, bone injury, |
| | | Repair of ligaments |
| | | Systemic response to injury |
| | | Ergonomics, Body mechanics, biomechanical measures |
| | | Orthopedic team |
| II | 8 | ASSESSMENT OF ORTHOPEDIC PATIENT |
| | | Health Assessment: History, physical examination-Inspection, |
| | | palpation, movement, Measurement, muscle strength Testing. |
| | | Diagnostic studies – Radiological studies, Muscle enzymes, |
| | | serologic studies |
| III | 10 | CARE OF PATIENTS WITH DEVICES |
| | | Splints, braces, various types of plaster cast |
| | | Various types of tractions, |
| | | Various types of orthopedic beds and mattresses |
| | | Comfort devices |
| | | Implants in orthopedic |
| | | Prosthetics and Orthotics |
| IV | 15 | TRAUMA & INJURIES |
| | | Causes, pathophysiology, clinical types, clinical features, |
| | | diagnosis, prognosis, management, medical surgical and nursing |
| | | management of : |
| | | • Early management of Trauma |
| | | • Fractures |

| Unit | Hrs | Content |
|------|-----|--|
| | | • Injuries of the |
| | | Shoulder and arm |
| | | Elbow, fore arm, wrist, hand |
| | | Hip, thigh, knee, leg, ankle, foot |
| | | Spine |
| | | Head injury |
| | | Chest injury |
| | | • Polytrauma |
| | | • Nerve injuries |
| | | • Vascular injuries |
| | | • Soft tissue injuries |
| | | • Sports injuries |
| | | • Amputation |
| V | 4 | INFECTIONS OF BONES AND JOINTS |
| | | Causes, pathophysiology, clinical types, clinical features, diagnosis, |
| | | prognosis, management, medical surgical and nursing |
| | | management of : |
| | | • Tuberculosis |
| | | • Osteomyelitis |
| | | • Arthritis |
| | | • Leprosy |
| VI | 5 | BONE TUMOURS |
| | | Causes, pathophysiology, clinical types, clinical features, |
| | | diagnosis, prognosis, management, medical surgical and nursing |
| | | management of: |
| | | • Bone tumors – Benign, Malignant and metastatic |
| | | • Different types of therapies for tumors |
| | | • Complementary Therapies Such As Yoga, Massaje, Reki, Unani, |
| | | Medicinees, Ayurvedic tratmensts, Homeopathic, etc. |
| VII | 10 | DEFORMITIES |
| | | Causes, pathophysiology, clinical types, clinical features, |
| | | diagnosis, prognosis – medical surgical and nursing management |
| | | of : Scoliosis, Kyphosis,Lordosis |
| | | Congenital disorders: Congenital dislocation of hip(CDH), |
| | | Dislocation of patella, knee, |
| | | Varus and valgus deformities, |
| | | Deformities of digits, |
| | | Congenital torticollis. |
| | | Meningocele, meningomyelocele, spina bifida, |
| | | Chromosomal disorders. |
| | | Computer related deformities |
| VIII | 5 | DISORDERS OF THE SPINE |
| | | Intervertebral disc prolapse, Fracture of the spine |
| | | Low back disorder – Low back pain, PND, spinal stenosis, |
| | | Spondylosis |
| | L | |

| Unit | Hrs | Content |
|------|-----|--|
| IX | 6 | NUTRITIONAL/METABOLIC AND ENDOCRINE DISORDERS Causes, pathophysiology, clinical types, clinical features, |
| | | diagnosis, prognosis, medical surgical and nursing management |
| | | of: |
| | | • Rickets, |
| | | • Scurvy, |
| | | • Hyper vitaminosis A and D, |
| | | • Osteomalacia, |
| | | Osteoporosis |
| | | Paget's disease, |
| | | gout, |
| | | Gigantism, |
| | | Dwarfism, |
| | | Acromegaly. |
| | | Therapeutic diets for various orthopedic disorders |
| X | 7 | NEURO-MUSCULAR DISORDERS: |
| | | Causes, pathophysiology, clinical types, clinical features, |
| | | diagnosis, prognosis, medical surgical and nursing management of: |
| | | Poliomyelitis, Cerebral Palsy |
| | | • Myasthenia gravis |
| | | • Spina bifida. |
| | | • Peripheral nerve lesion, |
| | | • Paraplegia, Hemiplegia, Quadriplegia. |
| | | Muscular dystrophy |

MEDICAL SURGICAL NURSING - ORTHOPEDIC NURSING

Placement : III Semester Practical- 150 hrs.

Practical

| Sr. No. | Dept. Unit | No. of Weeks | Total Hours |
|---------|--------------------|--------------|-------------|
| 1 | Casuality | 1 | 30 |
| 2 | Ortho opd | 1 | 30 |
| 3 | Ortho ward (male) | 1 | 30 |
| 4 | Trauma care centre | 1 | 30 |
| 5 | OT | 1 | 30 |
| | Total | 5 | 150 |

Evaluation Criteria:

Third semester (II YEAR) M.sc Nursing

| | | Medical Surgical Nursing | Total Marks | Average out of |
|--------|--------------|-----------------------------|----------------|----------------|
| Theory | Unit test -1 | 15 | 150 | 15 |
| | Prefinal | 35 | | |
| | Seminar | 100 | | |

150 to be converted into 15

| Practical | Marks |
|-----------------------|-------|
| Unit test -1 | 15 |
| Prefinal | 35 |
| Nursing procedure -1 | 50 |
| Nursing care plan 1 | 50 |
| Clinical Evaluation 1 | 100 |
| Total | 250 |

250 to be converted into 50

External Assessment University examination Theory -35 Practical -50

CHILD HEALTH NURSING (PAEDIATRIC NURSING) CLINICAL SPECIALITY-II

Theory hours Total: 150 (Third and Fourth semester) Practical hours: Total: 960 Total hours: 1110

Placement: Third Semester Theory-75 hours (Unit I-VI) Practical-150 hours

Course Description

This course is designed to assist students in developing expertise and in depth understanding in the field of Pediatric nursing. It will help students to develop advanced Skills for nursing intervention in various pediatric medical and surgical conditions. It will enable the student to function as pediatric Nurse practitioner/specialist. It will further enable the student to function as educator, manager and researcher in the field of pediatric health nursing.

Objectives

At the end of the course the students will be able to:

- 1. Apply the nursing process in the care of ill infants to preadolescents in hospital and community
- 2. Demonstrate advanced skills/competence in nursing management of children with medical and surgical problems.
- 3. Recognize and manage emergencies in children.
- 4. Provide nursing care to critically ill children.
- 5. Utilize the recent technology and various treatment modalities in the management of high risk children * Prepare a design for layout and describe standards for management of pediatric units.
- 6. Prepare a design for layout and describe standards for management of pediatric units.
- 7. Identify area of research in the field of pediatric nursing.

| Unit | Hrs | Content |
|------|-----|---|
| Ι | 5 | Introduction |
| | | • Current principles, practices and trends in Pediatric Nursing |
| | | • Role of pediatric nurse in various settings -Expanded and |
| | | extended |
| | | • Legal aspects of childcare |
| II | 35 | Medical disorder among children |
| | | \circ Pathophysiology, assessment (including interpretation of |
| | | various invasive and non-invasive diagnostic |
| | | procedures), treatment modalities and nursing |
| | | intervention in selected pediatric medical disorders |
| | | • Child with respiratory disorders: |
| | | - Upper respiratory tract: choanal atresia, tonsillitis, |
| | | Epistaxis, aspiration. |
| | | - Lower respiratory tract: Broncheolitis, |
| | | Bronchopneumonia, Asthma, cystic fibrosis |
| | | Child with gastro-intestinal disorders: |
| | | - Diarrheal diseases, gastro-esophageal reflux. |
| | | - Hepatic disorders: Hepatitis, Indian childhood cirrhosis, |
| | | liver transplantation. |
| | | - Malabsorption syndrome, Malnutrition |
| | | Child with renal/urinary tract disorders: Nephrotic |
| | | syndrome, Nephritis, Hydronephrosis, hemolytic-uremic |
| | | syndrome, kidney transplantation |
| | | • Child with cardio-vascular disorders: |
| | | - Acquired: Rheumatic fever, Rheumatic heart disease, |
| | | - Congenital: Cyanotic and acynotic |
| | | • Child with endocrine/metabolic disorders: Diabetes insipidus, |
| | | Diabetes Mellitus – IDDM, NIDDM, hyper and hypo thyroidism, |
| | | phenylketonuria, galactosemia |
| | | Child with Neurological disorders: Convulsions, |
| | | Meningitis, encephalitis, Guillain-Barre syndrome |
| | | • Child with oncological disorders: Leukemias, Lymphomas, |
| | | Wilms' tumor, nephroblastoms, neuroblastomas, |
| | | Rhabdomyosarcoma, retinoblastoma, hepatoblastoma, bone |
| | | tumors |
| | | • Child with blood disorders: Anemia's, thalassemias, hemophilia, |
| | | polycythemia, thrombocytopenia, and disseminated intravascular |
| | | coagulation |
| | | Child with skin disorders |
| | | Common Communicable diseases |
| | | Diptheria, Whooping cough, |
| | | Measles, Chicken pox, Mumps, rubella, |
| | | <i>Poliomyelitis</i> |
| | | • <i>AIDS in children</i> |
| | | Nutritional disorders |

| Unit | Hrs | Content |
|----------|-----|---|
| | | Protein Energy Malnutrition |
| | | Vitamin déficiences |
| III | 15 | HIGH RISK NEWBORN |
| | | • Concept, goals, assessment, principles. |
| | | • Nursing management of |
| | | • Post – Mature infant and baby of diabetic and substance use |
| | | mothers. |
| | | • Respiratory conditions, Asphyxia neonatourum, neonatal |
| | | apnoea meconium aspiration syndrome, pneumo thorax, |
| | | pneumo Mediastinum |
| | | Icterus neonatorum. |
| | | • Birth injuries. |
| | | Hypoxic ischemic encephalopathy |
| | | Congenital anomalies. |
| | | Neonatal seizures. |
| | | Neonatal hypocalcaemia, hypoglycemia, hypomagnesaemia. |
| | | Neonatal heart diseases. |
| | | Neonatal hemolytic diseases. |
| | | • Neonatal infections, neonatal sepsis, ophthalmia neonatorum, congenital syphilis, HIV/AIDS |
| | | Advance neonatal procedures. |
| | | Calculation of fluid requirements. |
| | | • <i>Hematological conditions - erythroblastsis fetalis, hemorrhagic disorder in the newborn.</i> |
| | | • Organization of neonatal care, services (Levels), transport, |
| | | neonatal intensive care unit, organization and management of |
| | | nursing services in NICU |
| IV | 5 | Developmental disturbances and implications for nursing |
| | | • Adjustment reaction to school, |
| | | • Learning disabilities |
| | | Habit disorders, speech disorders, Conduct disorders |
| | | Conduct disorders, Early infantile autism, Attention deficit hyperactive |
| | | Disorders (ADHD), depression and childhood schizophrenia. |
| V | 5 | Challenged child and implications for nursing |
| , | 5 | Physically challenged, causes, features, early detection and |
| | | • Thysically challenged, causes, jediares, early detection and management |
| | | Cerebral palsied child, |
| | | Mentally challenged child. |
| | | Training and rehabilitation of challenged children |
| VI | 10 | Administration and Management of pediatric care unit |
| | 10 | Design and layout |
| | | • Staffing, |
| | | Equipment, supplies, |
| L | 1 | |

| Unit | Hrs | Content |
|------|-----|--|
| | | • Norms, policies and protocols |
| | | Practice standards for pediatric care unit |
| | | • Documentation |

Practical Total = 150 Hours 1 Week = 30 Hours

| Sr. No. | Dept./Unit | No. of Week | Total Hours |
|---------|-------------------------|-------------|-------------|
| 1 | Pediatric Medicine ward | 2 | 60 |
| 2 | Pediatric Medicine ICU | 1 | 30 |
| 3 | NICU | 2 | 60 |
| | Total | 5 | 150 Hours |

Student Activities

| Sr. No. | Name of Assignment | Number | Marks |
|---------|-----------------------------|--------|-------|
| 1 | Case study Medical | 1 | 50 |
| 2 | Nursing Care Plan Medical | 1 | 50 |
| 3 | Clinical Evaluation Medical | 1 | 100 |
| | Total | | 200 |

Internal Assessment

| Sr. No | Internal assessment (Theory) | Max. Marks |
|--------|------------------------------|------------|
| 1 | Unit Test I | 15 |
| 2 | Pre-final | 35 |
| 3 | Seminar-1 | 100 |
| | Total | 150 |

For Internal assessment marks 150 to be converted out of 15

| Sr. No | Internal assessment (Practical) | Marks |
|--------|---------------------------------|-------|
| 1 | Unit Test I | 15 |
| 2 | Pre-final | 35 |
| 4 | Case study Medical | 50 |
| 5 | Nursing Care Plan Medical | 50 |
| 6 | Clinical Evaluation Medical | 100 |
| | Total | 250 |

For Internal assessment marks 250 to be converted out of 50 External assessment University examination Theory -35 Practical -50

Essential

- 1. Procedures observed
 - Echo cardiogram
 - Ultra sound
 - ROP screening
- 2. Procedures Assisted
 - Advanced neonatal life support
 - Lumbar puncture
 - Arterial blood gas
 - ECG recording
 - Umblical catheterization, Arterial and venous
 - Arterial BP monitoring
 - Blood Transfusion: Exchange ,full and partial
 - IV canulation and therapy
 - Arterial catheterization
 - Chest tube insertion
 - Endo tracheal intubation
 - Ventilation
 - Insertion of long line
- 3. Procedures performed
 - Airway management
 - Application of oropharyngeal airway
 - Oxygen therapy
 - CPAP(Continous positive airway pressure)
 - Care of tracheostomy
 - Endotracheal intubation
 - Neonatal resuscitation
 - Monitoring of neonates : Clinically and with monitors, CRT (Capilary refill time), assessment of jaundice, ECG

- Gastric lavage
- Setting of ventilators
- Phototherapy
- Assessment of neonates : Identification and assessment of risk factors, apgar score, Gestation age, Anthropometric assessment, weighing the baby, Newborn examination, detection of life threatening congenital abnormalities
- Admission and discharge of neonates
- Feeding: Management of breast feeding, Artificial feeding, Expression of breast milk, OG (Orogastric) insertion, gavage feeding, TPN, breast feeding counseling
- Thermoregulation: Axillary warmer, incubators, Management of thermo regulation and control
- Administration of drugs : IM OR IV injection, IV cannulation and fixation of infusion pumps, calculation of dosage, neonatal formulation of drugs, use of tuberculin/insulin syringes, monitoring of fluid therapy, blood administration
- Procedures of prevention of infection : Handwashing, disinfection and sterilization, surveliance, fumigation
- Collection of specimens
- Setting, use and mainintenance of basic equipments.ventilators,O2 analyser, monitoring equipments, phototherapy unit, flux meter, infusion pump, radiant warmer, incubator, centrifuged machine, billimeter, refractometer, laminar flow.

CHILD HEALTH NURSING EVALUATION CRITERIA FOR CASE STUDY

Name of the Student: Date/Time: Clinical Area: Medical/Surgical Name of the Evaluator:

| S.N. | Criteria | Maximum | Marks obtained |
|------|---|---------|-------------------|
| | | Score | obtained |
| 01. | Introduction | 03 | |
| 02. | History and assessment | 05 | |
| 03. | Comparative finding with patients | 10 | |
| 04. | Theoretical knowledge and understanding | 05 | |
| | of diagnosis | | |
| 05. | Nursing Process | 15 | |
| 06. | Follow up care | 05 | |
| 07. | Summary and conclusion | 05 | |
| 08. | Bibliography | 02 | |
| | Total Marks | 50 | |

Remarks:

Signature of the Evaluator:

Signature of the Student:

CHILD HEALTH NURSING EVALUATION CRITERIA FOR HEALTH TALK

Name of the Student: Date/Time: Clinical Area: Medical/Surgical Name of the Evaluator:

| S.N. | Criteria | Maximum Score | Marks obtained |
|------|------------------------|------------------|-------------------|
| 01. | Lesson plan | 10 | |
| 02. | Presentation | 15 | |
| 03. | Communication skill | 05 | |
| 04. | A.V. aids | 05 | |
| 05. | Relevance to the topic | 05 | |
| 06. | Group participation | 05 | |
| 07. | Bibliography/Reference | 05 | |
| | Total Marks | 50 | |

Remarks:

Signature of the Evaluator:

Signature of the Student:

CHILD HEALTH NURSING EVALUATION CRITERIA FOR PROJECT

Name of the Student: Date/ Time:

Name of the Evaluator :

| SN | Criteria | Maximum Score | Marks Obtained |
|-----|----------------------------|---------------|----------------|
| 01. | Content | 20 | |
| 02. | Organization | 10 | |
| 03. | Presentation | 20 | |
| 04. | Innovations | 10 | |
| 05. | Inclusion of Recent trends | 10 | |
| 06. | Clinical Application | 10 | |
| 07. | AVAids | 10 | |
| 08. | Bibliography | 10 | |
| | Total Marks | 100 | |

Remarks:

Signature of Student:

Signature of Teacher:

CHILD HEALTH NURSING EVALUATION CRITERIA FOR CASE PRESENTATION

Name of the Student: Date/Time: Clinical Area: Medical/Surgical Name of the Evaluator:

| S.N. | Criteria | Maximum | Marks |
|------|---|---------|----------|
| | | Score | obtained |
| 01. | Content subjective and objective data | 08 | |
| 02. | Problems and need identified and nursing care | 15 | |
| | plan | | |
| 03. | Effectiveness of presentation | 05 | |
| 04. | Co relation with patient and book | 10 | |
| 05. | Use of A V aids | 05 | |
| 06. | Physical arrangement | 02 | |
| 07. | Group Participation | 03 | |
| 08. | Bibliography | 02 | |
| | Total Marks | 50 | |

Remarks:

Signature of the Student :

CHILD HEALTH NURSING EVALUATION CRITERIA FOR CARE PLAN

Name of the Student: Date/Time: Clinical Area: Medical/Surgical Name of the Evaluator:

| S. N. | Criteria | Assigned Marks | Marks obtained | Remarks |
|----------|---|-------------------|-------------------|---------|
| 1 | Elicits relevant history | 05 | | |
| 2 | Make quick and valid assessment | 05 | | |
| 3 | Growth and Development assessment | 10 | | |
| 4 | Formulates nursing diagnosis as per the priority | 05 | | |
| 5 | Prioritizes the nursing diagnosis | 03 | | |
| 6 | Plan care for any two priority needs | 05 | | |
| 7 | List the outcome criteria | 03 | | |
| 8 | Implements care for any two Priority needs | 12 | | |
| 9 | Evaluates the care (nurses notes based on actual care given every day) | 02 | | |
| | Total Marks | 50 | | |

Remarks:

Signature of the Student:

Signature of the Evaluator:

CHILD HEALTH NURSING EVALUATION CRITERIA FOR NICU REPORT

Name of the Student: Date/Time: Clinical Area: Medical/Surgical Name of the Evaluator:

| S. N. | Criteria | Maximum | Marks obtained |
|-------|---------------------------------------|---------|----------------|
| | | Score | |
| 01. | Physical set up of NICU | 10 | |
| 02. | Staffing pattern | 02 | |
| 03. | Equipment's used in NICU and its uses | 15 | |
| 04. | Procedures done in NICU | 15 | |
| 05. | Protocols and policy followed in NICU | 05 | |
| 06. | Summary and conclusion | 02 | |
| 07. | Recommendations | 01 | |
| | Total Marks | 50 | |

Remarks: Signature of the Student:

CHILD HEALTH NURSING EVALUATION CRITERIA FOR JOURNAL PRESENTATION

Name of the Student: Date/Time:

Name of the Evaluator:

| Sr. | Criteria | Maximum | Marks obtained |
|-----|--------------------------------|---------|----------------|
| No. | | Score | |
| 01. | Selection of the topic content | 05 | |
| 02. | Presentation | 10 | |
| 03. | Application | 05 | |
| 04. | Group discussion | 05 | |
| | Total Marks | 25 | |

Remarks:

Signature of the Student:

Signature of the Evaluator:

EVALUATION CRITERIA FOR TOPIC PRESENTATION

Name of the Student: Date/Time:

Name of the Evaluator:

| S. N. | Criteria | Maximum | Marks Obtained |
|-------|-------------------------|---------|----------------|
| 01. | Organization of content | 05 | |
| 02. | Subject Matter | 10 | |
| 03. | Presentation | 15 | |
| | Introduction | | |
| | Relevancy | | |
| | Sequence | | |
| | Current Literature | | |
| | Conclusion | | |
| 04. | Questioning Technique | 05 | |
| 05. | Audio Visual AIDS | 05 | |
| | Relevant | | |
| | Effective | | |
| | Appropriate Use | | |
| 06. | Speakers Qualities | 05 | |
| | Appearance | | |
| | Confidence | | |
| | Communication Skill | | |
| 07. | Bibliography | 05 | |
| | Total Marks | 50 | |

Remarks:

Signature of the Student:

CHILD HEALTH NURSING EVALUATION CRITERIA FOR DRUG BOOK

Name of the Student: Date/Time:

Name of the Evaluator:

| Sr. No. | Criteria | Maximum Score | Marks obtained |
|------------|---------------------------|------------------|----------------|
| 01. | Planning and organization | 10 | |
| 02. | Content | 20 | |
| 03. | Nursing responsibility | 10 | |
| 04. | Reference | 10 | |
| | Total Marks | 50 | |

Remarks:

Signature of the Student:

Signature of the Evaluator:

EVALUATION CRITERIA FOR SEMINAR

Name of the Student: Date/Time: Name of the Evaluator:

| S. N. | Criteria | Maximum | Marks Obtained |
|-------|-------------------------|---------|----------------|
| 01. | Organization of content | 15 | |
| 02. | Subject Matter | 20 | |
| 03. | Presentation | 30 | |
| | Introduction | | |
| | Relevancy | | |
| | Sequence | | |
| | Current Literature | | |
| | Conclusion | | |
| 04. | Questioning Technique | 10 | |
| 05. | Audio Visual Aids | 10 | |
| | Relevant | | |
| | Effective | | |
| | Appropriate Use | | |
| 06. | Speakers Qualities | 10 | |
| | Appearance | | |
| | Confidence | | |
| | Communication Skill | | |
| 07. | Bibliography | 05 | |
| | Total Marks | 100 | |

Remarks:

Signature of the Student:

CHILD HEALTH NURSING

EVALUATION CRITERIA FOR WRITTEN ASSIGNMENT

Name of the Student: Date/Time: Name of the Evaluator:

| S. | Criteria | Maximum Score | Marks obtained |
|-----|--------------------------|---------------|----------------|
| N. | | | |
| 01. | Organization of content | 10 | |
| 02. | Subject matter | 20 | |
| 03. | Current literature | 10 | |
| 04. | Conclusion and reference | 10 | |
| | Total Marks | 50 | |

Remarks:

Signature of the Student:

CLINICAL SPECIALITY - II OBSTETRIC AND GYNAECOLOGY NURSING

Theory hours Total: 150 (Third and Fourth semester) Practical hours: Total: 960 Total hours: 1110 Placement: Third Semester Theory-75 hours (Unit I-VI) Practical-150 hours

Course Description

This course is designed to assist students in developing expertise and in depth understanding in the field of Obstetric and Gynecological Nursing. It will help students to appreciate the client as a holistic individual and develop skill to function as an independent midwifery practitioner. It will further enable the student to function as educator, manager and researcher in the field of Obstetric and Gynecological nursing

Objectives

At the end of the course the students will be able to:

- 1. Appreciate the trends in the field of midwifery, obstetrics and gynaecology as a specialty
- 2. Describe the population dynamics and indicators of maternal and child health
- 3. Describe the concepts of biophysical, psychological and spiritual aspects of normal pregnancy, labor and puerperium.
- 4. Provide comprehensive nursing care to women during reproductive period.
- 5. Integrate the concepts of family centered nursing care and nursing process approach in obstetric and gynecological nursing.
- 6. Identify and analyze the deviations from normal birth process and refer appropriately.
- 7. Describe the pharmacological agents, their effects during pregnancy, childbirth, puerperium, lactation and the role of nurse
- 8. Counsel adolescents, women and families on issues pertaining to pregnancy, childbirth and lactation
- 9. Describe the role of various types of complementary and alternative therapies in obstetric and gynecological nursing
- 10. Incorporate evidence based nursing practice and identify the areas of research in the field of obstetric and gynecological nursing
- 11. Describe the recent advancement in contraceptive technology and birth control measures.
- 12. Appreciate the legal and ethical issues pertaining to obstetric and gynaecological nursing.

| Unit | Hrs | Торіс | | |
|------|-----|--|--|--|
| Ι | 30 | MANAGEMENT OF PROBLEMS OF WOMEN DURING | | |
| | | PREGNANCY | | |
| | | • Risk approach of obstetrical nursing care, concept and goals | | |
| | | • Screening of high risk pregnancy, newer modalities of diagnosis | | |
| | | • Nursing management of pregnancies at risk due to obstetrical | | |
| | | complication | | |
| | | Pernicious vomiting | | |
| | | • Bleeding in early pregnancy, abortion, ectopic pregnancy and gestational trophoblastic disease | | |
| | | Haemorrhage during late pregnancy, ante partum | | |
| | | haemorrhage, placenta praevia, abruption placenta | | |
| | | • Hypertensive disorders in pregnancy, pre-eclampsia, eclampsia, | | |
| | | haemolysis elevated liver enzyme, low platelet count | | |
| | | • Iso immune diseases – Rh and ABO incompatibility | | |
| | | Haematogical problems in pregnancy | | |
| | | Hydramnios – oligohydramnios | | |
| | | • Prolonged pregnancy post – term, post maturity | | |
| | | Multiple pregnancy | | |
| | | • Intrauterine infection & pains during pregnancy. | | |
| | | • Intrauterine growth retardation, premature rupture of | | |
| | 1.5 | membrane (PROM), intrauterine death (IUD) | | |
| II | 15 | PREGNANCIES AT RISK DUE TO PRE-EXISTING HEALTH PROBLEMS | | |
| | | | | |
| | | Metabolic conditions Anaemia and nutritional deficiencies | | |
| | | Andemia and nurritonal deficiencies Hepatitis | | |
| | | Cardiovascular diseases | | |
| | | Thyroid diseases | | |
| | | Epilepsy | | |
| | | Essential hypertension | | |
| | | Chronic renal failure | | |
| | | Tropical diseases | | |
| | | Psychiatric disorders | | |
| | | Infections – toxoplasmosis, rubella, cytomegalovirus, herpes, | | |
| | | (TORCH), Reproductive tract infections (RTI) – STD – | | |
| | | HIV/AIDS, vaginal infections, leprosy, tuberculosis. | | |
| | | • Other risk factors – Age, adolescents, elderly, unwed mothers, | | |
| | | sexual abuse, substance use. | | |
| | | • Pregnancy complicating with tumors, uterine anomilies, | | |
| | | prolapse, ovarian cyst . | | |
| III | 15 | ABNORMAL LABOUR, PRETERM LABOUR AND | | |
| | | OBSTETRICAL EMERGENCIES | | |
| | | Etiology, pathophysiology and nursing management of | | |
| | | • Uncoordinated uterine actions, Atony of uterus, Precipitate | | |

| Unit | Hrs | Торіс | | | |
|------|-----|---|--|--|--|
| | | labour, prolonged labour | | | |
| | | • Abnormal lie, presentation, position, compound presentation | | | |
| | | • Contracted pelvis – CPD, dystocia | | | |
| | | Obstetrical emergencies – Obstetrical shock, vasa preavia, inversion of uterus, amniotic fluid embolism, rupture of uterus, presentation and prolapsed cord | | | |
| | | Augmentation of labour – medical and surgical induction Version | | | |
| | | Manual removal of placenta | | | |
| | | Obstetrical operation – Forceps delivery, Ventouse, Caesarian section, Destructive operations | | | |
| | | Genital tract injuries – third degree perineal tear, VVF, RVF | | | |
| | | Complications of third of labour | | | |
| | | • Post partum hemorrhage | | | |
| | | o Retained placenta | | | |
| IV | 15 | POST PARTUM COMPLICATIONS | | | |
| | | • Nursing management of | | | |
| | | • Puerperal infections – puerperal sepsis, urinary complications, | | | |
| | | puerperal venous thrombosis and pulmonary embolism | | | |
| | | • Sub involution of uterus, Breast conditions, | | | |
| | | Thrombophlebitis, Psychological complications, Post partum Blues, Depression, Psychosis. | | | |

Practical

Total = 150 *Hours,* 1 *Week* = 30 *Hours*

| Sr. No. | Dept./Unit | No. of Week | Total Hours |
|---------|-------------|-------------|-------------|
| 1 | ANC Ward | 2 | 60 |
| 2 | ANC OPD | 1 | 30 |
| 3 | Labour room | 2 | 60 |
| | Total | 5 | 150 Hours |

Student Activities

| Sr.No. | Name of Assignment | Number | Marks |
|--------|-------------------------|--------|-------|
| 1 | Case study ANC | 1 | 50 |
| 2 | Nursing Care Plan ANC | 1 | 50 |
| 3 | Clinical Evaluation ANC | 1 | 100 |
| | Total | | 200 |

Internal Assessment

| Sr. no | Internal assessment (Theory) | Max Marks |
|--------|------------------------------|-----------|
| 1 | Unit Test I | 15 |
| 2 | Pre-final | 35 |
| 3 | Seminar-1 | 100 |
| | Total | 150 |

For Internal assessment marks 150 to be converted out of 15

| Sr. no | Internal assessment (Practical) | Marks |
|--------|---------------------------------|-------|
| 1 | Unit Test I | 15 |
| 2 | Pre-final | 35 |
| 4 | Case study ANC | 50 |
| 5 | Nursing Care Plan ANC | 50 |
| 9 | Clinical Evaluation ANC | 100 |
| | Total | 250 |

For Internal assessment marks 250 to be converted out of 50

External assessment University examination Theory -35 Practical -50 Essential

Antenatal assessment - 20 Postnatal assessment - 20 Assessment during labour : use of partograph -20 Per Vaginal examination - 20 Conduct of normal delivery - 20 Episiotomy and suturing - 10 Setting up of delivery areas Insertion of intra – uterine devices (copper T)

Others

Identification of high risk women and referral Health education to women and their families Motivation of couples for Planned Parenthood

M.Sc. NURSING CLINICAL SPECIALITY – II COMMUNITY HEALTH NURSING

PLACEMENT: III SEMESTER- T-75 HRS (I-III UNIT)

Practical- 150 hrs. IV Semester- T-75 hrs. (IV- IX UNIT) Practical- 810 hrs.

Course Description

This course is designed to assist students in developing expertise and in depth understanding in the field of Community health nursing. It will help students to develop advanced Skills for nursing intervention in various aspects of community health care settings. It will enable the student to function as community health Nurse practitioner/specialist. It will further enable the student to function as educator, manager and researcher in the field of community health nursing.

Objectives

At the end of the course the students will be able to:

- 1. Appreciate trends and issues related to community health nursing reproductive and child health, school Health, occupational health, international health, rehabilitation, geriatric and mental health.
- 2. Apply epidemiological concepts and principles in community health nursing practice
- 3. Perform community health assessment and plan health programmes.
- 4. Describe the various components of Reproductive and child health programme.
- 5. Demonstrate leadership abilities in organizing community health nursing services by using inter-sectoral approach.
- 6. Describe the role and responsibilities of community health nurse in various national health and family welfare programmes.
- 7. Participate in the implementation of various National Health and Family Welfare Programme.
- 8. Demonstrate competencies in providing family centered nursing care independently.
- 9. Participate / conduct research for new insight and innovative solutions to health problems.
- 10. Teach and supervise nurses and allied health workers.
- 11. Design a layout of sub center / primary health center / community health center and develop standards for community health nursing practice.

| Unit | Hrs. | Торіс |
|------|------|---|
| Ι | 20 | EPIDEMIOLOGY |
| | | |
| | | • Concept, scope, definition, trends, History and development of |
| | | modern Epidemiology |
| | | Contribution of epidemiology |
| | | • Implications |
| | | Epidemiological methods |
| | | □ Measurement of health and disease: |
| | | □ <i>Health policies</i> |
| | | Epidemiological approaches |
| | | • Study of disease causatives |
| | | Health promotion |
| | | • Levels of prevention |
| | | Epidemiology of |
| | | Communicable diseases |
| | | Non-communicable diseases |
| | | Emerging and re-emerging diseases Epidemics |
| | | National Integrated disease Surveillance Programme |
| | | Health information system |
| | | Epidemiology study and reports |
| | | Role of Community health nurse |
| II | 40 | NATIONAL HEALTH AND FAMILY WELFARE |
| | | PROGRAMMES |
| | | □Objectives, organization/manpower/resources, Activities, Goals, |
| | | inter-sectoral approach, implementation, item/purpose, role and |
| | | responsibilities of community health nurse: |
| | | • National Vector Borne Disease Control Programm (NVBDCP) |
| | | National Filaria Control Programme |
| | | National Leprosy Eradication Programme |
| | | Revised national TB Control Programme |
| | | National Programme for Control of Blindness |
| | | National Iodine Deficiency disorders Control Programme |
| | | National Mental Health Programme |
| | | National AIDS Control Programme |
| | | National Cancer Control Programme |
| | | • RCH I and II |
| | | Non- communicable disease programmes |
| | | • NRHM |
| | | - Health Schemes: |
| | | |
| | | |
| | | Health Insurance |
| III | 15 | SCHOOL HEALTH |
| | | □ Introduction: definition, concepts, objectives. |
| | | □ Health assessment, Screening, identification, referral and follow |
| | | up, |

| Unit | Hrs. | Торіс | |
|------|------|---|--|
| | | □ Safe environment | |
| | | □ Services, programmes and plans- first aid, treatment of minor | |
| | | ailments | |
| | | □ Inter-sectoral coordination | |
| | | □ Adolescent health | |
| | | Disaster, disaster preparedness, and management | |
| | | Guidance and counseling | |
| | | School health records - maintenance and its importance | |
| | | □ Roles and responsibilities of community health nurse | |

Practical

| Sr. No. | Dept./Unit | No. of Week | Total Hours |
|---------|---------------------------|-------------|--------------------|
| 1 | Urban and Rural community | 5 | 150 |
| | Total | 5 | 150 |

Third semester (II YEAR) M.sc Nursing

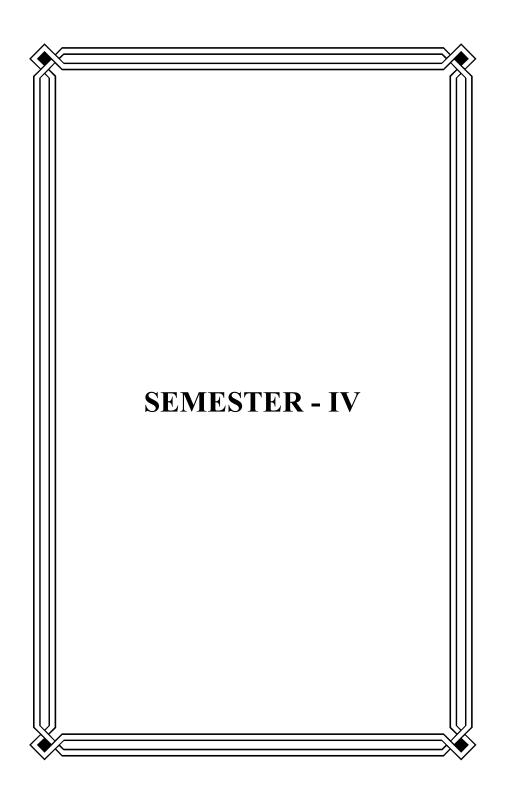
| | | Community Health Nursing | Total Marks | Average out of |
|--------|--------------|-----------------------------|----------------|----------------|
| Theory | Unit test -1 | 15 | 150 | 15 |
| | Prefinal | 35 | | |
| | Seminar | 100 |] | |

150 to be converted into 15

For Internal Assessment

| Practical | Marks |
|-----------------------|-------|
| Unit test -1 | 15 |
| Prefinal | 35 |
| Home procedure – 1 | 50 |
| Family Care study – 1 | 50 |
| Health education | 50 |
| Care plan – 1 | 50 |
| Total | 250 |

250 to be converted into 50 For Internal Assessment External Assessment University examination Theory -35 Practical -50



M. Sc. NURSING CLINICAL SPECIALITY – II MEDICAL SURGICAL NURSING - CRITICAL CARE NURSING

PLACEMENT : IV SEMESTER

Hours of Instruction T-75 hrs. (X-XVI unit) Practical- 810 hrs.

| Unit | Hrs | Content | |
|------|-----|--|--|
| X | 15 | MANAGEMENT OF OTHER EMERGENCY CONDITIONS | |
| | | Mechanism of injury, Thoracic injuries, Abdominal injuries, pelvic | |
| | | fractures, complications of trauma, Head injuries | |
| | | Shock: Shock syndrome, Hypovolemic, Cardiogenic, Anaphylactic, | |
| | | Neurogenic and Septic shock | |
| | | Systemic inflammatory Response : The inflammatory response, | |
| | | Multiple organ dysfunction syndrome | |
| | | Disseminated Intravascular Coagulation | |
| | | Drug Overdose and Poisoning, | |
| | | Acquired Immunodeficiency Syndrome (AIDS) | |
| | | Ophthalmic: Eye injuries, Glaucoma, retinal detachment | |
| | | Ear Nose Throat: Foreign bodies, stridor, bleeding, quincy, acute | |
| | | allergic conditions | |
| | | Psychiatric emergencies; suicide, crisis intervention | |
| XI | 20 | CARDIOVASCULAR EMERGENCIES | |
| | - | Principles of Nursing in caring for patients with Cardiovascular | |
| | | disorders | |
| | | Assessment: Cardiovascular system: Heart sounds, Diagnostic | |
| | | studies:- Cardiac enzymes studies, Electrocardiographic | |
| | | monitoring, Holter monitoring, Stress test. Echo cardiography, | |
| | | Coronary angiography, Nuclear medicine studies | |
| | | Causes, Pathophysiology, Clinical types, Clinical features, | |
| | | Diagnostic Prognosis, Management : Medical, Surgical & Nursing | |
| | | management of : - Hypertensive crisis, Coronary artery disease, | |
| | | Acute Myocardial infarction, Cardiomyopathy, Deep vein | |
| | | thrombosis, Valvular diseases, Heart block, Cardiac arrhythmias & | |
| | | conduction disturbances, Aneurysms, Endocarditis, Heart failure | |
| | | Cardio-pulmonary resuscitation BCLS/ ACLS | |
| | | Management Modalities: Thrombolytic therapy, Pacemaker – | |
| | | temporary & permanent, Percutaneous transluminal coronary | |
| | | angioplasty, Cardioversion, Intra-Aortic Balloon pump monitoring, | |
| | | Defibrillations, Cardiac surgeries, Coronary Artery Bypass Grafts | |
| | | (CABG/MICAS), Valvular surgeries, Heart Transplantation, | |
| | | Autologous blood transfusion, Radiofrequency Catheter Ablation | |
| XII | 15 | RESPIRATORY SYSTEM | |
| | - | Acid-base balance & imbalance | |
| | | Assessment : History & Physical Examination | |
| | | | |
| | | Diagnostic Tests: Pulse Oximetry, End –Tidal Carbon Dioxide | |

| Unit | Hrs | Content | | |
|------|-----|--|--|--|
| | ms | Monitoring, Arterial blood gas studies, chest radiography, | | |
| | | pulmonary Angiography, Bronchoscopy, Pulmonary function Test, | | |
| | | Ventilation perfusion scan, Lung ventilation scan | | |
| | | Causes Pathophysiology, Clinical types, Clinical features, | | |
| | | Prognosis, Management : Medical, Surgical and Nursing | | |
| | | | | |
| | | management of Common pulmonary disorders:- Pneumonia, Status | | |
| | | asthmaticus, interstitial drug disease, Pleural effusion, Chronic | | |
| | | obstructive pulmonary disease, Pulmonary tuberculosis, | | |
| | | Pulmonary edema, Atelectasis, Pulmonary embolism, Acute | | |
| | | respiratory failure, Acute respiratory distress syndrome (ARDS), | | |
| | | Chest Trauma Haemothorax, Pneumothorax | | |
| | | Management Modalities:-Airway Management | | |
| | | Ventilatory Management:-Invasive, non- invasive, long term | | |
| | | mechanical ventilations | | |
| | | Bronchial Hygiene:-Nebulization, deep breathing exercise, chest | | |
| | | physiotherapy, postural drainage, Inter Costal Drainage, Thoracic | | |
| NULL | 6 | surgeries. | | |
| XIII | 6 | BURNS | | |
| | | Clinical types, classification, pathophysiology, clinical features, | | |
| | | assessment, diagnosis, prognosis, Management: Medical, Surgical | | |
| | | and Nursing management of burns | | |
| | | Fluid and electrolyte therapy – calculation of fluids and its administration | | |
| | | | | |
| | | Pain management Wound care | | |
| | | Infection control | | |
| | | Prevention and management of burn complications | | |
| | | Grafts and flaps | | |
| | | Reconstructive surgery | | |
| | | Rehabilitation | | |
| XIV | 5 | OBSTETRICAL EMERGENCIES | | |
| | | Causes, Pathophysiology, Clinical types, clinical features, | | |
| | | diagnostic Prognosis, Management: Medical, Surgical and Nursing | | |
| | | management of : Antepartum hemorrhage, Preeclampsia, | | |
| | | eclampsia, Obstructed labour and ruptured uterus, Postpartum | | |
| | | haemorrhage, Peurperal sepsis, Obstetrical shock | | |
| XV | 10 | NEONATAL PAEDIATRIC EMERGENCIES | | |
| | 10 | Causes, pathophysiology, Clinical types, Clinical features, | | |
| | | diagnostic, Prognosis, Management : medical, surgical and Nursing | | |
| | | management of | | |
| | | Neonatal emergencies | | |
| | | Asphyxia Neonatarum, Pathological Jaundice in Neonates, | | |
| | | Neonatal seizures, Metabolic disorders, Intra cranial Hemorrhage, | | |
| | | Neonatal Sepsis, RDS / HMD (Respiratory Distress | | |
| | | Syndrome / Hyaline Membrane Disease), Congenital disorders:- | | |
| | | | | |
| | | | | |

| Unit | Hrs | Content | |
|------|-----|--|--|
| | | Cyanotic heart disease, trachea esophageal fistula, congenital | |
| | | hypertrophic pyloric stenosis, imperforate anus | |
| | | Pediatric emergencies | |
| | | Dehydration, Acute Broncho pneumonia, Acute respiratory distress | |
| | | syndrome, Poisoning, Foreign bodies, seizures, traumas, Status | |
| | | asthmaticus | |
| XVI | 4 | LEGAL AND ETHICAL ISSUES IN CRITICAL CARE- | |
| | | NURSE'S ROLE | |
| | | Brain death | |
| | | Organ donation & Counselling | |
| | | Do Not Resuscitate(DNR) | |
| | | Euthanasia | |
| | | Living will | |
| | | Quality assurance | |
| | | Standards, Protocols, Policies, Procedures | |
| | | Infection control; Standard safety measures | |
| | | Nursing audit | |
| | | Staffing | |
| | | Design of ICU/CCU | |

M. Sc NURSING CLINICAL SPECIALITY – II MEDICAL SURGICAL NURSING - CRITICAL CARE NURSING

PLACEMENT: IV SEMESTER

Practical- 810 hrs.

Practical

| Sr. no. | Dept. Unit | No. of Weeks | Total Hours |
|---------|----------------------|--------------|--------------------|
| 1 | Burns ICU | 2 | 60 Hours |
| 2 | Medical ICU | 7 | 210 Hours |
| 3 | Surgical ICU | 11 | 330 Hours |
| 4 | Emergency Department | 3 | 90 Hours |
| 5 | Transplant Room | 2 | 60 Hours |
| 6 | Paediatric/ NICU | 2 | 60 Hours |
| | Total | 27 | 810 Hours |

Evaluation Criteria:

Fourth semester (II YEAR) M.sc Nursing

| | | Medical surgical nursing | Total Marks | Average out of |
|--------|----------------------|-----------------------------|----------------|-------------------|
| Theory | Unit test -1 | 15 | 150 | 15 |
| | Prefinal | 35 | | |
| | Topic presentation | 50 | | |
| | Journal presentation | 25 | | |
| | Written assignment | 25 | | |

150 to be converted into 15

| Practical | Marks |
|---------------------------------|-------|
| Unit test -1 | 15 |
| Prefinal | 35 |
| Nursing procedure | 50 |
| Case Study -2x50 | 100 |
| Case Presentation-2x50 | 100 |
| Nursing Care Plan -3 (50X3) | 150 |
| Clinical Evaluation - 1 (100X2) | 200 |
| Project Work | 100 |
| Total | 750 |

750 to be converted into 50

External Assessment University examination Theory -35 Practical -50

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i.2.Critical Care Nursing Clinic

MEDICAL SURGICAL NURSING -

CARDIOVASCULAR THORACIC NURSING

PLACEMENT : IV SEMESTER

Hours of Instruction T-75 hrs. (IX- XIV unit) Practical- 810 hrs.

| Unit | Hrs | Topics | |
|------|-----|--|--|
| IX | 10 | PHARMACOLOGY THERAPEUTIC TO CVT CONDITION | |
| | | Pharmacokinetics | |
| | | Analgesics / anti-inflammatory agents | |
| | | Antibiotics, antiseptics | |
| | | Drug reaction and toxicity | |
| | | Drug used in cardiac emergencies | |
| | | Blood and blood components | |
| | | Antithrombolytic agents | |
| | | Ionotropic agents | |
| | | Beta blocking agents | |
| | | Calcium channel blockers | |
| | | Vasoconstrictors | |
| | | Vasodilators | |
| | | ACE inhibitors | |
| | | Anticoagulants | |
| | | Antiarrhythmic drugs | |
| | | Antihypertensive | |
| | | Sedative and transquilizers | |
| | | Digitalis | |
| | | Antilipemics | |
| | | principles of drug administration, role and responsibilities of nurses | |
| | | and care of drugs | |
| Х | 25 | CARDIAC DISORDERS AND NURSING MANAGEMENT | |
| | | Etiology, clinical manifestation, diagnosis, prognosis related | |
| | | pathophysiology, complication, rehabilitation drugs, specific diet | |
| | | and nursing management of: Hypertension | |
| | | Ischemic heart disease, Angina pectoris, Coronary artery disease | |
| | | Myocardial infarction | |
| | | Inflammatory heart diseases, Endocarditis, myocarditis, pericarditis | |
| | | Heart failure, acute chronic, CCF | |
| | | Rheumatic heart disease and other valvular diseases | |
| | | Cardiomyopathies, dilated, restrictive hypertrophic, cardiomegaly | |
| | | Arrhythmias | |
| | | Cardiac emergencies | |
| | | Angina of various types and associated illnesses | |

| Unit | Hrs | Topics |
|----------|-----|--|
| XI | 10 | ALTERED PULMONARY CONDITIONS: |
| | | Etiology, clinical manifestation, diagnosis, prognosis related |
| | | pathophysiology, complications, Preventive measures, |
| | | Rehabilitations, Patient education, Drug specific, Diet specific and |
| | | nursing management of: |
| | | Bronchitis |
| | | Bronchial Asthma |
| | | Bronchiectasis |
| | | Pneumonias |
| | | Lung abscess, lung tumour |
| | | Pulmonary tuberculosis, fibrosis, pneumoconiosis etc |
| | | Pleuritis, effusion |
| | | Pneumo, haemo and pyothorax |
| | | Interstitial lung disease |
| | | Cystic fibrosis |
| | | Acute and chronic obstructive pulmonary disease |
| | | (conditions leading to) |
| | | Corpulmonale Acute respiratory failure, Adult respiratory distress |
| | | syndrome pulmonary embolism pulmonary hypertension |
| XII | 20 | NURSING CARE OF PATIENT UNDERGOING |
| | | CARDIOTHORACIC SURGERY |
| | | Indications, selection of the patient |
| | | Pre-operative assessment and preparation, counseling |
| | | Intra operative care: Principles of open Heart Surgery, equipment, |
| | | anesthesia, cardiopulmonary bi-pass Surgical procedures for coronary artery bypass grafting, recent |
| | | advances and types of grafts, Angioplasty, Valve replacement or |
| | | reconstruction, Cardiac transplant, Vascular surgeries, different |
| | | stents and other recent advances. |
| | | Thoracic surgery: |
| | | labectomy, pnuemonectomy, tumours excision, |
| | | Immediate Post-op care: Assessment post-operative problems and |
| | | interventions: Bleeding, cardiac temponade, low cardiac output, |
| | | infarction, pericardial effusion, pleural effusion, pneumothorax, |
| | | haemothorax, coagulopathy, thermal imbalance, inadequate |
| | | ventilation/ perfusion, neurological problems, renal problems, |
| | | psychological problems, |
| | | Chest physiotherapy |
| | | Nursing interventions, complementary therapy/ alternative system |
| | | of medicine |
| | | Intermediate and late post-operative care after CABG, |
| | | Valve surgery, others |
| | | Follow up care |
| | | - |
| <u>.</u> | | |

| Unit | Hrs | Topics | |
|------|-----|---|--|
| XIII | 5 | CARDIAC REHABILITATION AND PREVENTIVE | |
| | | MEASURES | |
| | | Process | |
| | | Physical evaluation | |
| | | Lifestyle modification | |
| | | Physical conditioning for cardiovascular efficiency through | |
| | | exercise | |
| | | counseling | |
| | | follow up care | |
| | | Preventive measures | |
| XIV | 5 | INTENSIVE CORONARY CARE UNIT INTENSIVE | |
| | | CARDIO THORACIC UNIT: | |
| | | Quality assurance | |
| | | Standard, policies, procedures, protocol, | |
| | | Infection control : standard safety measures | |
| | | Nursing audit | |
| | | Design ICCU / IRCU (ICTU) | |
| | | Staffing cardiac team (respiratory team) | |
| | | Burn out syndrome | |
| | | Nurses role in the management of ICCU and IRCU (ICTU) | |
| | | Mobile coronary care unit | |
| | | Planning in-service educational program & teaching | |

MEDICAL SURGICAL NURSING – CARDIOVASCULAR THORACIC NURSING

PLACEMENT : IV SEMESTER

Practical- 810 hrs **Practical**

| <i>S.No.</i> | Dept. Unit | No. of Week | Total Hours |
|--------------|-------------------------------------|-------------|-------------|
| 1 | Cardio thoracic – medical | 2 | 60 |
| | - surgical | 2 | 60 |
| 2 | OTs (cardiac and thoracic) | 3 | 180 |
| 3 | Casuality | 1 | 30 |
| 4 | Diagnostic labs including cath labs | 1 | 30 |
| 5 | ICCU | 4 | 120 |
| 6 | ICU | 4 | 120 |
| 7 | CCU | 8 | 240 |
| 8 | Paediatric intensive | 1 | 30 |
| 9 | OPD | 1 | 30 |
| | Total | 27 | 810 |

EVALUATION CRITERIA

FOURTH SEMESTER (II YEAR) M.sc Nursing

| | | Medical surgical nursing | Total Marks | Average out of |
|--------|----------------------|-----------------------------|----------------|-------------------|
| Theory | Unit test -1 | 15 | 150 | 15 |
| | Prefinal | 35 | | |
| | Topic presentation | 50 | | |
| | Journal presentation | 25 | | |
| | Written assignment | 25 | | |

150 to be converted into 15

| Practical | Marks |
|---------------------------------|-------|
| Unit test -1 | 15 |
| Prefinal | 35 |
| Nursing procedure | 50 |
| Case Study -2×50 | 100 |
| Case Presentation - 2 x 50 | 100 |
| Nursing Care Plan - 3 (50X3) | 150 |
| Clinical Evaluation - 1 (100X2) | 200 |
| Project Work | 100 |
| Total | 750 |

750 to be converted into 50 External Assessment University examination Theory -35 Practical -50

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M.Sc. NURSING CLINICAL SPECIALITY-II MEDICAL SURGICAL NURSING - GASTRO ENTEROLOGY NURSING

IV Semester- T-75 hrs. (VIII-XIII unit) Practical- 810 hrs.

| Unit | Hrs | Content |
|------|-----|--|
| VIII | 15 | GASTROINTESTINAL EMERGENCIES AND NURSING |
| | | INTERVENTIONS |
| | | Etiology, clinical manifestations, diagnosis, prognosis, related |
| | | pathophysiology, medical, surgical and nursing management of: |
| | | Esophageal varices, |
| | | • Ulcer perforation, |
| | | Acute cholecystitis |
| | | • Diverticulitis |
| | | Fulminant hepatic failure |
| | | Biliary obstruction |
| | | Bowel obstruction |
| | | • Gastroenteritis |
| | | • Intussusception |
| | | Acute intestinal obstruction, perforation |
| | | Acute pancreatitis |
| | | Cirrhosis of liver complications |
| | | • Liver, spleen, stomach pancreatic, mesenteric, bowel and |
| | | greater vessel injuries |
| | | Acute appendicitis /peritonitis |
| | | • Acute abdomen |
| | | Food poisoning |
| IX | 15 | CONGENITAL ANOMALIES OF ESOPHAGUS |
| | | • Esophageal atresia |
| | | Tracheo esophageal fistula |
| | | Esophageal stenosis |
| | | Esophageal duplications |
| | | Dysphagia – Lusoria – aberrent right subclavian artery |
| | | compressing esophagus |
| | | Esophageal rings – schalzkiring |
| | | Esophageal webs |
| | | Congenital Anomalies of Stomach |
| | | Gastric atresia |
| | | Micro gastria |
| | | Gastric diverticulum |
| | | Gastric duplication |
| | | Gastric teratoma |
| | | Gastric volvulus |
| | | Infantile hypertrophic pyloric stenosis |
| | | Adult hypertrophic pyloric stenosis |
| | | Congenital Anomalies of Duodenal |
| | | Duodenal Atresia or stenosis |

| Unit | Hrs | Content | | |
|------|-----|---|--|--|
| | | Annular pancreas | | |
| | | Duodenal duplication cysts | | |
| | | Malrotation and mid gut volvolus | | |
| | | • Developmental anomalies of the intestine: | | |
| | | Abdominal wall defects (omphalocele and Gastroschisis) | | |
| | | • Meckel's diverticulum | | |
| | | Intestinal atresia | | |
| | | Hirschsprung's disease | | |
| X | 15 | PHARMO KINETICS | | |
| | 10 | • Drugs used in GIT | | |
| | | Principles of administration | | |
| | | Roles responsibilities of nurses | | |
| | | Drugs in Peptic ulcer disease | | |
| | | Proton Pump inhibitors | | |
| | | H2 Receptor Antagonists | | |
| | | Cytoprotective Agents: | | |
| | | | | |
| | | Drugs used in Diarrhea Drugs used in constipation | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | chemotherapy Antibiotics | | |
| | | • Antibiotics • Antiemetics: | | |
| | | Anticholinergics | | |
| | | Antihistaminics | | |
| | | | | |
| | | • Antihelminthics | | |
| XI | 10 | Vitamin Supplements NUTRITION AND NUTRITIONAL PROBLEMS RELATED | | |
| ЛІ | 10 | TO GI SYSTEM | | |
| | | | | |
| | | Nutritional assessment and nursing interventions | | |
| | | • Therapeutic diets | | |
| | | • Adverse reactions between drugs and various foods | | |
| | | Malnutrition- etiology, clinical manifestations and | | |
| | | management | | |
| | | • Tube feeding, parenteral nutrition, total parenteral nutrition | | |
| | | • Obesity- etiology, clinical manifestations and management | | |
| | | • Eating disorders- anorexia nervosa, bulimia nervosa | | |
| VII | 1.5 | • Recent advances in nutrition | | |
| XII | 15 | MALIGNANT DISORDERS OF GASTROINTESTINAL | | |
| | | SYSTEM | | |
| | | • Etiology, clinical manifestations, diagnosis, prognosis, related | | |
| | | pathophysiology, medical, surgical, other modalities and | | |
| | | nursing management of : | | |
| | | | | |

| Unit | Hrs | Content | |
|------|-----|--|--|
| | | Malignancy of oral cavity, Lip, Tongue, buccal mucosa, | |
| | | oropharynx, Salivary gland | |
| | | • Esophageal, Gastric, Carcinoma of bowel - Small bowel, | |
| | | Colorectal and Anal carcinoma, | |
| | | Liver, biliary tract and Pancreatic carcinoma | |
| XIII | 5 | EDUCATION AND TRAINING IN GE CARE | |
| | | • Staff orientation, training and development, | |
| | | In-service education program, | |
| | | Clinical teaching programs | |

MEDICAL SURGICAL NURSING – GASTRO ENTEROLOGY NURSING

Placement : IV Semester Practical – 810 hrs

| Sr. No. | Dept. Unit | No. of Weeks | Total Hours |
|------------|-----------------------|-----------------|----------------|
| 1 | Casuality | 5 | 150 |
| 2 | MICU | 6 | 300 |
| 3 | SICU | 5 | 150 |
| 4 | ОТ | 3 | 90 |
| 5 | Liver Transplant Unit | 5 | 150 |
| 6 | Medical Ward | 1 | 30 |
| 7 | Surgical Ward | I | 30 |
| 8 | PICU | 1 | 30 |
| | Total | 27 | <i>810</i> |

Evaluation Criteria: Fourth semester (II YEAR) M.sc Nursing

| | | Medical surgical nursing | Total Marks | Average out of |
|--------|--------------------|-----------------------------|----------------|-------------------|
| Theory | Unit test -1 | 15 | 150 | 15 |
| | Prefinal | 35 | | |
| | Topic presentation | 50 | | |
| | Journal | 25 | | |
| | presentation | | | |
| | Written assignment | 25 | | |

150 to be converted into 15

| Practical | Marks |
|---------------------------------|-------|
| Unit test -1 | 15 |
| Prefinal | 35 |
| Nursing procedure | 50 |
| Case Study -2x50 | 100 |
| Case Presentation-2x50 | 100 |
| Nursing Care Plan -3 (50X3) | 150 |
| Clinical Evaluation - 1 (100X2) | 200 |
| Project Work | 100 |
| Total | 750 |

750 to be converted into 50 External Assessment University examination Theory -35 Practical -50

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M.Sc. NURSING CLINICAL SPECIALITY-II MEDICAL SURGICAL NURSING - NEPHRO-UROLOGY NURSING

Placement : IV Semester- T-75 hrs. (VII-XV unit) Practical- 810 hrs.

| Unit | Hrs | Content | |
|------|-----|--|--|
| VIII | 12 | MANAGEMENT OF RENAL EMERGENCIES | |
| | | Anuria | |
| | | Acute Renal failure | |
| | | Poisoning | |
| | | Trauma | |
| | | Urine retention | |
| | | Acute graft rejection | |
| | | Hematuria | |
| | | Nurse's role | |
| IX | 10 | DRUGS USED IN URINARY DISORDERS | |
| | | Classification | |
| | | Indications, contraindications, actions and effects, toxic effects | |
| | | Role of nurse | |
| X | 8 | DIALYSIS | |
| | | Dialysis- Historical, types, Principles, goals | |
| | | Hemodialysis- vascular access sites- temporary and permanent | |
| | | Peritoneal dialysis | |
| | | Dialsyis Procedures- steps, equipments, maintenance, | |
| | | Role of nurse- pre dialysis, intra and post dialysis | |
| | | Complications- | |
| | | Counseling | |
| | | patient education | |
| | | Records and reports | |
| XI | 12 | KIDNEY TRANSPLANTATION | |
| | | Nursing management of a patient with Kidney transplantation | |
| | | Kidney transplantations- a historical review | |
| | | Immunology of graft rejections | |
| | | The recipient of a renal transplant | |
| | | Renal preservations | |
| | | Human Leucocytic Antigen(HLA) typing matching and cross | |
| | | matching in renal transplantation | |
| | | Surgical techniques of renal transplantations | |
| | | Chronic renal transplant rejection | |
| | | Complication after KTP: Vascular and lymphatic, Uroloical, | |
| | | cardiovascular, liver and neurological, infectious complication | |
| | | KTP in children and management of pediatric patient with KTP | |
| | | KTP in developing countries Results of KTP | |
| | | | |
| | | Work up of donor and recipient for renal transplant Psychological aspect of KTP and organ donations | |
| | | Ethics in transplants | |
| | | | |
| L | | Cadaveric transplantation | |

| Unit | Hrs | Content | |
|----------|-----|--|--|
| XII | 5 | REHABILITATION OF PATIENT WITH NEPHROLOGICAL | |
| | | PROBLEMS | |
| | | Risk factors and prevention | |
| | | Rehabilitation of patients on dialysis and after kidney transplant | |
| | | Rehabilitation of patients after urinary diversions | |
| | | Family and patient teaching | |
| XIII | 5 | CRITICAL CARE UNITS - DIALYSIS, KTP UNIT | |
| | | Philosophy, aims and objectives | |
| | | Policies, staffing pattern, design and physical plan of Dialysis and | |
| | | KTP units Team approach, functions | |
| | | Psychosocial aspects in relation to staff and clients of ICU, | |
| | | dialysis unit In-service education | |
| | | Ethical and legal issues | |
| XIV | 5 | QUALITY ASSURANCE IN NEPHROLOGICAL NURSING | |
| | | PRACTICE | |
| | | Role of advance practioner in nephrological nursing | |
| | | Professional practice standards | |
| | | Quality control in nephrological nursing | |
| | | Nursing audit | |
| XV | 18 | UROLOGICAL DISORDERS AND NURSING | |
| | | MANAGEMENT | |
| | | Etiology, clinical manifestations, diagnosis, prognosis, related | |
| | | pathophysiology, medical, surgical and nursing management of | |
| | | Urinary tract infections- pyelonephritis, lower urinary tract | |
| | | infections, | |
| | | Disorders for ureters, bladder and urethera Urinary tract infections- | |
| | | Urinary dysfunctions- urinary retention, urinary incontinence, | |
| | | urinary reflux, | |
| | | Bladder disorders- neoplasms, calculi, neurogenic bladder, trama, | |
| | | congenital abnormalities | |
| | | Benign prostrate hypertrophy(BPH) | |
| | | Ureteral disorders: ureteritis, ureteral trauma, congenital | |
| | | anomalies of ureters | |
| | | Uretheral disorders- tumours, trauma, congenital anomalies of | |
| | | ureters, | |
| <u> </u> | | 4100010, | |

M.Sc. NURSING CLINICAL SPECIALITY-II MEDICAL SURGICAL NURSING - NEPHRO-UROLOGY NURSING

Placement : IV Semester Practical- 810 hrs

Practical

| Sr. No. | Dept. Unit | No. of Weeks | Total Hours |
|---------|-----------------------------|--------------|--------------------|
| 1 | Nephrology Ward | 4 | 120 |
| 2 | OPD | 1 | 30 |
| 3 | Diagnostic Lab | 1 | 30 |
| 4 | Urology ward female | 2 | 60 |
| 5 | Critical Care Unit | 4 | 120 |
| 6 | Emergency ward | 3 | 90 |
| 7 | Pediatrics | 2 | 60 |
| 8 | Dialysis Unit | 5 | 150 |
| 9 | Kidney Transplantation Unit | 2 | 60 |
| 10 | URO OT | 3 | 90 |
| | Total | 27 | 810 |

Evaluation Criteria: Fourth semester (II YEAR) M.sc Nursing

| | | Medical surgical nursing | Total Marks | Average out of |
|--------|----------------------|-----------------------------|----------------|-------------------|
| Theory | Unit test -1 | 15 | 150 | 15 |
| | Prefinal | 35 | | |
| | Topic presentation | 50 | | |
| | Journal presentation | 25 | | |
| | Written assignment | 25 | | |

150 to be converted into 15

| Practical | Marks |
|---------------------------------|-------|
| Unit test -1 | 15 |
| Prefinal | 35 |
| Nursing procedure | 50 |
| Case Study -2x50 | 100 |
| Case Presentation-2x50 | 100 |
| Nursing Care Plan -3 (50X3) | 150 |
| Clinical Evaluation - 1 (100X2) | 200 |
| Project Work | 100 |
| Total | 750 |

750 to be converted into 50

External Assessment

University examination

Theory -35

Practical -50

M.Sc. NURSING CLINICAL SPECIALITY-II MEDICAL SURGICAL NURSING – NEUROSCIENCE NURSING

Placement : IV Semester- T-75 hrs. (X-XIX unit) Practical- 810 hrs.

| Unit | Hrs | Content | |
|------|-----|--|--|
| X | 10 | NEURO INFECTIONS | |
| | | Causes, pathophysiology, Clinical types, Clinical features, | |
| | | diagnostic, Prognosis, Management: medical, surgical and | |
| | | Nursing management of Neuro infections | |
| | | Meningitis-types | |
| | | • Encephalitis. | |
| | | Poliomyelitis. | |
| | | Parasitic infections. | |
| | | Bacterial infections | |
| | | • Neurosyphilis. | |
| | | • HIV & AIDS. | |
| | | Brain abscess. | |
| XI | 10 | PAROXYSMAL DISORDERS. | |
| | | Causes, pathophysiology, Clinical types, Clinical features, | |
| | | diagnosis, Prognosis, Management: medical, surgical and | |
| | | Nursing management of | |
| | | • Epilepsy and seizures. | |
| | | Status epilepticus. | |
| | | • Syncope. | |
| | | • Menier's syndrome. | |
| | | • Cephalgia. | |
| XII | 10 | DEVELOPMENTAL DISORDERS. | |
| | | Causes, pathophysiology, Clinical types, Clinical features, | |
| | | diagnostic, Prognosis, Management: medical, surgical and | |
| | | Nursing management of | |
| | | • Hydrocephalus. | |
| | | Craniosynostosis. | |
| | | spina bifida- Meningocele, Meningomyeloceleencephalocele | |
| | | • syringomyelia. | |
| | | Cerebro vascular system anomalies. | |
| | | Cerebral palsies. | |
| | | Down's syndrome | |
| XIII | 10 | NEURO MUSCULAR DISORDERS. | |
| | | Causes, pathophysiology, Clinical types, Clinical features, | |
| | | diagnostic, Prognosis, Management: medical, surgical and | |
| | | Nursing management of | |
| | | • Polyneuritis – G B Syndrome. | |
| | | Muscular dystrophy. | |
| | | Myasthenia gravis. | |
| | | Trigeminal neuralgia. | |

| Unit | Hrs | Content |
|------|-----|--|
| | | • Bell's palsy. |
| | | Menier's disease |
| | | Carpal tunnel syndrome |
| | | Peripheral neuropathies |
| XIV | 5 | NEOPLASMS – SURGICAL CONDITIONS. |
| | | Causes, pathophysiology, Clinical types, Clinical features, |
| | | diagnostic, Prognosis, Management: medical, surgical and |
| | | Nursing management of |
| | | Space occupying lesions -types |
| | | Common tumors of CNS, |
| XV | 5 | OTHER DISORDERS |
| | | Causes, patho physiology, Clinical types, Clinical features, |
| | | diagnostic, Prognosis, Management: medical, surgical and |
| | | Nursing management of |
| | | Metabolicdisorders - diabetes, insipidus, metabolic |
| | | encephalopathy |
| | | Sleep disorders |
| | | Auto immune disorders- multiple sclerosis, inflammatory |
| | | myopathies |
| XVI | 10 | NEURO EMERGENCIES |
| | | Causes, pathophysiology, Clinical types, Clinical features, |
| | | diagnostic, Prognosis, Management: medical, surgical and |
| | | Nursing management of |
| | | Increased intracranial pressure |
| | | • Unconscious |
| | | Herniation syndrome Seizures |
| | | Severe head injuries |
| | | Spinal injuries |
| | | Cerebro vascular accidents |
| XVI | 5 | REHABILITATION. |
| I | 5 | Concept and Principles of Rehabilitation. |
| 1 | | Factors affecting quality of life and coping |
| | | Rehabilitation in acute care setting, and following stroke, head |
| | | injury and degenerative disorders of brain |
| | | Physiotherapy. |
| | | Counselling |
| | | Care giver's role |
| | | Speech and LanguageNeurogenic communication disorders, |
| | | Speech therapy |
| XVI | 5 | ETHICAL AND LEGAL ISSUES IN NEUROSCIENCE |
| II | | NURSING |
| | | Brain death and organ transplantation |
| | | Euthanasia |
| | | Negligence and malpractice |
| | | Nosocomial infections |

| Unit | Hrs | Content |
|------|-----|---|
| XIX | 5 | QUALITY ASSURANCE IN NEUROLOGICAL NURSING |
| | | PRACTICE |
| | | Role of advance practitioner in neurological nursing |
| | | Professional practice standards |
| | | Quality control in neurologic nursing |
| | | Nursing audit |
| | | Neuro ICU |
| | | Philosophy, aims and objectives |
| | | • Policies, staffing pattern, design and physical plan of neuro ICU |
| | | Team approach, functions |
| | | • Psychosocial aspects in relation to staff and clients of neuro |
| | | ICU, |
| | | • In-service education |

M.Sc. NURSING CLINICAL SPECIALITY-II MEDICAL SURGICAL NURSING - NEUROSCIENCE NURSING

Placement : IV Semester Practical- 810 hrs. Practical

| Sr. No. | Dept. Unit | No. of weeks | Total Hrs. |
|---------|-------------------------|--------------|------------|
| 1 | Casualty | 8 | 240 |
| 2 | SICU | 5 | 150 |
| 3 | Trauma Center | 4 | 120 |
| 4 | Neurology Ward (Male) | 2 | 60 |
| 5 | Neurology Ward (Female) | 2 | 60 |
| б. | Neuro ICU | 2 | 60 |
| 7. | Neuro OT | 2 | 60 |
| 8. | Rehabilitation Centre | 2 | 60 |
| | Total | 27 | 810 |

Evaluation Criteria:

Fourth semester (II YEAR) M.sc Nursing

| | | Medical Surgical Nursing | Total Marks | Average out of |
|--------|----------------------|-----------------------------|----------------|-------------------|
| Theory | Unit test -1 | 15 | 150 | 15 |
| | Prefinal | 35 | | |
| | Topic presentation | 50 |] | |
| | Journal presentation | 25 |] | |
| | Written assignment | 25 |] | |

150 to be converted into 15

| Practical | Marks |
|---------------------------------|-------|
| Unit test -1 | 15 |
| Prefinal | 35 |
| Nursing procedure | 50 |
| Case Study -2x50 | 100 |
| Case Presentation-2x50 | 100 |
| Nursing Care Plan -3 (50X3) | 150 |
| Clinical Evaluation - 1 (100X2) | 200 |
| Project Work | 100 |
| Total | 750 |

750 to be converted into 50 External Assessment University examination Theory -35 Practical -50

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M.Sc. NURSING CLINICAL SPECIALITY-II MEDICAL SURGICAL NURSING - ONCOLOGY NURSING

Placement : IV Semester- T-75 hrs. (X-XV unit) Practical- 810 hrs.

| Unit | Hrs | Content | |
|----------|--|--|--|
| X | 30 | NURSING CARE OF PATIENTS WITH SPECIFIC | |
| | | MALIGNANT DISORDERS | |
| | | Malignancies of G.I. system-oral, oesophagus, stomach, rectal, | |
| | | liver & pancreas, care of ostomies/stoma | |
| | | Respiratory malignancies | |
| | | Genito urinary system malignancies- prostate Bladder, renal | |
| | | testicular malignancies, | |
| | | Gynecological malignancies-cervix, uterus, ovary | |
| | | Hematological malignancies-Lymphomas, Leukemias. | |
| | | Malignancies of musculoskeletal system | |
| | | Endocrine malignancies | |
| | | Skin | |
| | | Head and Neck -brain tumors | |
| | | Other malignancies – Breast cancer, AIDS related Malignancies | |
| | | (Kaposi's Sarcoma) | |
| XI | 10 | PAEDIATRIC MALIGNANCIES | |
| | | Leukemia, Lymphoma, Neuro- blastoma | |
| | | Wilm's tumor, Soft tissue sarcoma, Retinoblastoma | |
| | | Nursing Management of children with Pediatric Malignancies | |
| XII | XII 15 NURSING MANAGEMENT OF PHYSIOLOGICAL | | |
| | | CONDITIONS AND SYMPTOMS OF CANCER PATIENT | |
| | | Nutrition: - effects of cancer on nutritional Status and its | |
| | | consequences :- Anemia, Cachexia, Xerostomia, mucositis, | |
| | | Dysphagia, nausea and vomiting, constipation, diarrhoea, electrolyte | |
| | | imbalances, taste alterations | |
| | | Impaired mobility: Decubitus ulcer, pathologic fractures, | |
| | | thrombophlebitis, pulmonary embolism, contractures, footdrop | |
| | | Other symptoms | |
| | | Dyspepsia & hiccup, dyspnoea intestinal obstruction, | |
| | | Fungating wounds | |
| | | Anxiety & depression, insomnia | |
| | | Lymph edema | |
| | | Impact of cancer on sexuality: | |
| | | Effects of radiotherapy/ chemotherapy/surgery on sexuality of the | |
| | | cancer patient | |
| | | Nursing management of cancer patients experiencing sexual | |
| | | dysfunction | |
| XIII | 10 | Sexual counseling CANCER EMERGENCIES | |
| ЛШ | 10 | | |
| | | Disseminated intravascular coagulation(DIC), | |
| <u> </u> | l | Malignant pleural effusion | |

| Unit | Hrs | Content | |
|------|-----|---|--|
| | | Neoplastic cardiac tamponade and septic shock spinal cord | |
| | | compression | |
| | | Superior venacava syndrome | |
| | | Metabolic emergency: hyper and hypo calcemia | |
| | | Surgical emergency | |
| | | Urological emergency | |
| | | Hemorrhage | |
| | | Organ obstruction | |
| | | Brain metastasis | |
| | | Nurses role in managing oncologic emergencies | |
| XIV | 8 | PSYCHO-SOCIAL ASPECTS OF NURSING CARE | |
| | | Psychological responses of patients with cancer | |
| | | Psychosocial assessment – | |
| | | Crisis intervention, coping mechanisms | |
| | | Stress management, spiritual/cultural care and needs | |
| | | Counseling: individual and family | |
| | | Maximizing quality of life of patient and family | |
| | | Ethical, moral and legal issues- | |
| | | End of life care | |
| | | Grief and grieving process | |
| | | Bereavement support | |
| | | Care of Nurses who care for the dying. | |
| XV | 2 | LAYOUT AND DESIGN OF AN ONCOLOGY INSTITUTION/ | |
| | | WARD, OPD, CHEMOTHERAPY UNIT, BONE MARROW | |
| | | TRANSPLANTATION UNIT, PAIN CLINIC ETC | |
| | | Practice Standards of oncology nursing | |
| | | • Policies and Procedures | |
| | | Establishing Standing orders and Protocols | |
| | | Quality Assurance Programme in oncology units | |
| | | Nursing audit | |

M.Sc. NURSING CLINICAL SPECIALITY-II MEDICAL SURGICAL NURSING - ONCOLOGY NURSING

Placement : IV Semester Practical: 810 hrs.

Practical

| <i>Sr. No.</i> | Dept. Unit | No. of Weeks | Total Hrs. |
|----------------|-------------------------|--------------|------------|
| 1 | Onco. OPD | 5 | 150 |
| 2 | SICU | 7 | 210 |
| 3 | Oncology Pediatric Ward | 2 | 60 |
| 4 | Oncology Ward (Male) | 4 | 120 |
| 5 | Oncology Ward (Female) | 4 | 120 |
| 6 | Pallative care unit | 5 | 150 |
| | Total | 27 | 810 |

Evaluation Criteria: Fourth semester (II YEAR) M.sc Nursing

| | | Medical surgical nursing | Total Marks | Average out of |
|--------|----------------------|-----------------------------|----------------|-------------------|
| Theory | Unit test -1 | 15 | 150 | 15 |
| | Prefinal | 35 | | |
| | Topic presentation | 50 | | |
| | Journal presentation | 25 | | |
| | Written assignment | 25 | | |

150 to be converted into 15

| Practical | Marks |
|---------------------------------|-------|
| Unit test -1 | 15 |
| Prefinal | 35 |
| Nursing procedure | 50 |
| Case Study -2x50 | 100 |
| Case Presentation-2x50 | 100 |
| Nursing Care Plan -3 (50X3) | 150 |
| Clinical Evaluation - 1 (100X2) | 200 |
| Project Work | 100 |
| Total | 750 |

750 to be converted into 50 External Assessment University examination Theory - 35 Practical - 50

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- 16. G. Decker (1999) An Introduction to Complementary and Alternative Therapies
- D.W. Bruner, M.L. Haas & T.K. Gosse (2004) Manual for Radiation Oncology Nursing Practice & Education (3rded).
- M.M. Gullatte (2001) Clinical Guide to Antineoplastic Therapy: A Chemotherapy Handbook.
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- 20. C. Catlin Huth, M.L. Hai Pollock (2002) Radiation Therapy Patient Care.
- L.A. Jacobs (2002) Standards of Oncology Nursing Generalist and Advanced Practice (3rded)
- 22. V. Fieler and P. Hanson (2000) Oncology Nursing in the Home
- 23. S. Ezzone (2004) Hematopoietic Stem Cell Transplantation: A Manuel for Nursing Practice
- 24. Whedon Blood and Marrow Stem Cell Transplantation (2nded)
- 25. Wilkes Cancer & HIV Clinical Nutrition Pocket Guide (2nded.)
- 26. Yarbro / Frogge / Goodman-Cancer Nursing : Principles and Practice(6thed.)
- 27. American Cancer Society- A Cancer Source Book for Nurses (8thed.)
- 28. Yarbro / Frogge / Goodman Cancer Symptom Management, Patient Self-Care Guide (2)
- 29. Yarbro / Frogge / Goodman A Clinical Guide to Cancer Nursing (5thed)
- Hassey Dow-Contemporary issues in Breast Cancer, A Nursing Perspective (2nded.)
- 31. Vogel / Bevers Handbook of Breast Cancer Risk assessment: Evidence based Guidelines for Evaluation, Prevention Counseling & Treatment
- 32. Johnson / Gross- Handbook of Oncology Nursing (3rded) king / Hinds Quality of Life: From Nursing and Patient Perspective
- 33. Brunner / Siddarth Textbook of Medical Surgical Nursing. 2004(10thed.)
- 34. Sorresen / Luckman-Medical Surgical Nursing (1994) (5thed)

M.Sc. NURSING CLINICAL SPECIALITY-II MEDICAL SURGICAL NURSING - ORTHOPEDIC NURSING

IV Semester - T-75 hrs. (XI- XVIII unit) Practical- 810 hrs.

| Unit | Hrs | Content | |
|------|-----|--|--|
| XI | 10 | CHRONIC/DEGENERATIVEDISEASES OF JOINTS AND | |
| | | AUTOIMMUNE | |
| | | DISORDERS: | |
| | | Causes, pathophysiology, clinical types, clinical features, | |
| | | diagnosis, prognosis-medical surgical and nursing management of | |
| | | Osteo Arthritis | |
| | | Rheumatoid Arthritis | |
| | | Ankylosing spondylitis. | |
| | | • Spinal disorders. | |
| | | Systemic Lupus Erythematosus | |
| XII | 5 | ORTHOPEDIC DISORDERS IN CHILDREN: | |
| | | General and special consideration on pediatric orthopedics | |
| | | Genetic disorders | |
| | | Congenital anomalies | |
| | | Growth disorders | |
| | | Genetic counseling | |
| | _ | Nurses role in genetic counseling | |
| XIII | 5 | GERIATRIC PROBLEMS | |
| | | Geriatric population, types of disabilities, causes, treatment and | |
| | | Management – Hospitalization, rest, physiotherapy, involvement of | |
| | | family members, social opportunities. | |
| | | Care at home – involvement of family and community, follow up, | |
| VIV | 0 | care and rehabilitation | |
| XIV | 8 | PHARMACOKINETICS Deinsing of days administration | |
| | | Principles of drug administration | |
| | | Analgesics and anti-inflammatory agents Antibiotics, Antiseptics, | |
| | | Drugs used in orthopedics and neuromuscular disorders | |
| | | Blood and blood components | |
| | | Care of drugs and nurses role | |
| XV | 30 | NURSES ROLE IN ORTHOPEDIC CONDITIONS | |
| 21.1 | 50 | Gait analysis | |
| | | Urodynamic studies | |
| | | Prevention of physical deformities | |
| | | Alteration of body temperature regulatory system and immune | |
| | | systems | |
| | | Immobilization – cast, splints, braces and tractions | |
| | | Prevention and care of problems related to immobility | |
| | | Altered sleep patterns | |
| | | Impaired communication | |

| Unit | Hrs | Content | |
|------|-----|---|--|
| | | Self-care and activities of daily living | |
| | | Bladder and bowel rehabilitation | |
| | | Sensory function rehabilitation | |
| | | Psychological reaction related to disabilities and disorders. | |
| | | Coping of individual and family with disabilities and disorders | |
| | | Maintaining sexuality | |
| | | Spirituality – A rehabilitative prospective | |
| | | Orthopedic Reconstructive Surgeries | |
| | | Replacement surgeries – Hip, Knee, Shoulder | |
| | | Spine surgeries | |
| | | Grafts and flaps surgery | |
| | | Deformity correction | |
| | | Physiotherapy | |
| | | Concepts, Principles, purpose, | |
| | | Mobilization – Exercises: types, re-education in walking: | |
| | | Crutch walking, wheelchair, Transfer techniques, | |
| | | • Types of gaits: Non-weight bearing, partial weight bearing, | |
| | | four point crutch, tripoid, walking with sticks, calipers | |
| | | • Forms of therapies: Hydrotherapy, electrotherapy, wax bath, | |
| | | heat therapy, ice, helio therapy, radiant heat, | |
| | | • Chest physiotherapy | |
| XVI | 8 | REHABILITATION | |
| | 0 | Principles of rehabilitation, definition, philosophy, process, | |
| | | Various types of therapies | |
| | | Special therapies and alternative therapies | |
| | | Rehabilitation counseling | |
| | | Preventive and restorative measures. | |
| | | Community based rehabilitation (CBR) | |
| | | Challenges in rehabilitation. | |
| | | | |
| | | Role of the nurse in rehabilitation, Legal and ethical issues in rehabilitation nursing | |
| | | e e | |
| XVI | 5 | Occupational therapy NATIONAL POLICIES AND PROGRAMMES | |
| | 5 | National programmes for rehabilitation of persons with | |
| 1 | | disability- | |
| | | National Institutes, artificial limbs manufacturing Corporation, | |
| | | District Rehabilitation Centers and their schemes | |
| | | | |
| | | Regional rehabilitation centers etc. | |
| | | Public policy in rehabilitation nursing | |
| | | The persons with disabilities act 1995, Mantal schehilitetien and Multiple disabilities act 1002 | |
| | | Mental rehabilitation and Multiple disabilities act 1992, | |
| | | The National Trust Rules 1999 and 2000 | |
| | | Rehabilitation Council of India | |
| | | Legal and ethical aspects in orthopedic nursing | |
| | | Rehabilitation health team and different categories of team | |
| | | members. | |

| Unit | Hrs | Content |
|------|-----|---|
| XV | 4 | QUALITY ASSURANCE |
| III | | Standards, Protocols, Policies, Procedures |
| | | Nursing audit Staffing |
| | | Design of orthopedic, physiotherapy and rehabilitation unit |

MEDICAL SURGICAL NURSING - ORTHOPEDIC NURSING

Placement : IV Semester

Practical- 810hrs **Practical**

| Sr. No. | Dept. Unit | No. of Weeks | Total Hours |
|------------|-------------------------|-----------------|----------------|
| 1 | Casuality | 4 | 120 |
| 2 | Ortho OPD | 3 | 90 |
| 3 | Ortho Ward (Male) | 3 | 90 |
| 4 | Ortho Ward (Female) | 4 | 120 |
| 5 | Trauma Care Centre | 4 | 120 |
| 6 | OT | 3 | 90 |
| 7 | Rehabilitation | 2 | 60 |
| 8 | Physiotherapy Opd | 2 | 60 |
| 9 | Paediatric Surgery Unit | 2 | 60 |
| | Total | 27 | 810 |

Evaluation Criteria:

Fourth semester (II YEAR) M.sc Nursing

| | | Medical surgical nursing | Total Marks | Average out of |
|--------|----------------------|-----------------------------|----------------|-------------------|
| Theory | Unit test -1 | 15 | 150 | 15 |
| | Prefinal | 35 | | |
| | Topic presentation | 50 | | |
| | Journal presentation | 25 | | |
| | Written assignment | 25 | | |

150 to be converted into 15

| Practical | Marks |
|---------------------------------|-------|
| Unit test -1 | 15 |
| Prefinal | 35 |
| Nursing procedure | 50 |
| Case Study -2x50 | 100 |
| Case Presentation-2x50 | 100 |
| Nursing Care Plan -3 (50X3) | 150 |
| Clinical Evaluation - 1 (100X2) | 200 |
| Project Work | 100 |
| Total | 750 |

750 to be converted into 50

External Assessment University examination Theory -35 Practical -50

References:- Books :-

- B.T. Basavanthappa (2005); Orthopedic for Nurses; 1st ed; Jaypee Brobers, New Delhi
- David Dandy, Dennis Edwards (1998); Essential Orthopedic and Trauma; 3rd ed; Langman Singapore
- David Evans (1993); Techniques in Orthopedic Surgery; 1st ed, Blackwell Publications, London
- 4. Ebnezer's John –Textbook of Orthopedics' 3rd Edition J.P. Brother, New Dehli.
- 5. Mary Powell (1976); Orthopedic Nursing; 7th ed.; Churchill Livingstone
- 6. Maheshwari J., ' Essential Orthopedic' 3rd Edition 2005, Mehta Publications, New Delhi.
- Natrajan Mayilvahan "Natrajan's Textbook of Orthopedic and Traumatology, with multiple choice questions", 6th Edition, All India Publications and Distributors, New Delhi.
- Roger Dee & et al (1997); Principles of orthopedic Practice; 2nd ed; Mcgraw Hill
- 9. Ronald Ma Rae 'Clinical Orthopedic Examination' 5th edition, Churchill Livingstone, 2004
- Segelov's Philip M. 'Complications of Fractures and Dislocation,' 1st Edition 1990, champion and Hall Publications.
- 11. S. Perrycanale ed; (2003); Cambell's Operative Orthopedics; 10th ed; Mosby
- 12. Wood Lovell and Robert Winter (1978); Pediatric Orthopedics; Vol. I & II; J.B. Lippincott Co.

Journals:-

- 1. Journals of Bone and Joint Surgery British American
- 2. Clinical Orthopedic and Related Research
- 3. The Journal of Trauma, Injury, Infection and Critical Care
- 4. Journal Of Pediatric Orthopedics
- 5. Journal of orthopedic nursing

CLINICAL SPECIALITY-II CHILD HEALTH NURSING (PAEDIATRIC NURSING)

Theory hours Total: 150 (Third and Fourth semester) Practical hours: Total: 960 Total hours: 1110 Placement: Fourth Semester Theory-75 hours (Unit I-VII) Practical-810 hours

Course Description

This course is designed to assist students in developing expertise and in depth understanding in the field of Pediatric nursing. It will help students to develop advanced Skills for nursing intervention in various pediatric medical and surgical conditions. It will enable the student to function as pediatric Nurse practitioner / specialist. It will further enable the student to function as educator, manager and researcher in the field of pediatric health nursing.

Objectives

At the end of the course the students will be able to:

- 1. Apply the nursing process in the care of ill infants to preadolescents in hospital and community .
- 2. Demonstrate advanced skills / competence in nursing management of children with medical and surgical problems.
- 3. Recognize and manage emergencies in children.
- 4. Provide nursing care to critically ill children.
- 5. Utilize the recent technology and various treatment modalities in the management of high risk children
- 6. Prepare a design for layout and describe standards for management of pediatric units.
- 7. Identify area of research in the field of pediatric nursing.

| Unit | Hrs | Content |
|------|-----|---|
| Ι | 10 | INTENSIVE CARE /CRITICAL CARE FOR PEDIATRIC |
| | | CLIENTS |
| | | • Principles for critical care nursing. Planning and organization of |
| | | critical care nursing |
| | | Assessment, Resuscitation, stabilization & monitoring of |
| | | pediatric Patients |
| | | • Anatomical and physiological basis of critical illness in infancy and childhood |
| | | • Care of child requiring long-term ventilation |
| | | • Fluid and Nutritional management of critically ill child |
| | | Total parentral nutrition |
| | | • Legal and ethical issues in pediatric intensive care |
| | | Intensive care procedures, equipment and techniques |
| | | Management of pediatric emergencies |
| | | Resp conditions, status asthamaticus, |
| | | shock, Severe dehydration |
| | | Status epilepticus |
| | | CCF, Endocarditis |
| | | Encephalopathy, poisoning |
| | | Trauma, Head injury |
| | | Burns, accidents |
| | | Documentation |
| II | 35 | COMMON SURGICAL PROBLEMS AMONG CHILDREN |
| | | (IN RELATION TO PATHOPHYSIOLOGY AND |
| | | MANAGEMENT) |
| | | • Assessment (Including interpretation of various invasive and |
| | | non-invasive diagnostic procedures), treatment modalities |
| | | including cosmetic surgery and nursing interventions in selected |
| | | pediatric surgery problems. Disorders |
| | | • Gastrointestinal system: Cleft lip, cleft palate and conditions |
| | | requiring plastic surgery, Tracheo esophageal fistula/ atresia, |
| | | Hirschsprungs disease / megacolon malrotation, intestinal |
| | | obstruction duodenal atresia, gastrochisis, exomphalus, |
| | | anorectal mal formation, omphalocele, diaphragmatic hernia |
| | | |
| | | Anomalies of the nervous system: Spina bifida, Meningocele, Myelomeningocele, hydrocephalus |
| | | |
| | | Anomalies of the genito - urinary system : Hypospadias, Epispadias, Phimosis, Torsion of testis, Undescended testes, |
| | | Existrophy bladder |
| | | Anomalies of the skeletal system |
| | | Anomales of the skeletal system Nursing management of the child with traumatic injuries |
| | | Nursing management of the child with traumatic injuries General principles of managing Pediatric trauma Head injury, |
| | | • General principles of managing Feddatic trauma Head injury, abdominal injury, poisoning, foreign Body obstruction, burns- |
| | | and Bites |
| L | | and Drus |

| Unit | Hrs | Content | | | |
|------|-----|--|--|--|--|
| | | Child with oncological disorders: Solid tumors of childhood, Nephroblastoma, Neuro blastoma, Hodgkin's / Non-Hodgkin's Lymphoma, Hepatoblastoma, Rhabdomyosarcoma | | | |
| | | Management of stomas, catheters and tubes | | | |
| | | Management of wounds and drainages | | | |
| III | | CHALLENGED CHILD AND IMPLICATIONS FOR | | | |
| | 5 | NURSING | | | |
| | | Physically challenged, causes, features, early detection | | | |
| | | &management | | | |
| | | Cerebral palsied child, | | | |
| | | Mentally challenged child. | | | |
| | _ | Training & rehabilitation of challenged children | | | |
| IV | 5 | CRISIS AND NURSING INTERVENTION | | | |
| | | • The hospitalized child | | | |
| | | Terminal illness & death during childhood | | | |
| | | Nursing intervention-counseling | | | |
| V | 5 | DRUGS USED IN PEDIATRICS | | | |
| | | Criteria for dose calculation | | | |
| | | Administration of drugs, oxygen and bloodDrug interactions | | | |
| | | Drug interactionsAdverse effects and their management | | | |
| VI | 10 | Adverse effects and their management ADMINISTRATION AND MANAGEMENT OF PEDIATRIC | | | |
| VI | 10 | ADMINISTRATION AND MANAGEMENT OF PEDIATRIC CARE UNIT | | | |
| | | | | | |
| | | Design & layoutStaffing, | | | |
| | | Starting,Equipment, supplies, | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| VII | 5 | | | | |
| , | | | | | |
| | | | | | |
| | | | | | |
| VII | 5 | Norms, policies and protocols Practice standards for pediatric care unit Documentation EDUCATION AND TRAINING IN PEDIATRIC CARE Staff orientation, training and development In-service education programs, Clinical teaching programs. | | | |

PRACTICAL

Total = 810 Hours 1 Week = 30 Hours

| Sr. | Dept. / Unit | No. of Week | Total Hours |
|-----|-------------------------|-------------|-------------|
| No. | | | |
| 1 | Pediatric Surgical ward | 6 | 180 |
| 2 | Pediatric Surgical ICU | 4 | 120 |
| 3 | Emergency/Causality | 4 | 120 |
| 4 | Pediatric Medicine ward | 4 | 120 |
| 5 | Pediatric Medicine ICU | 3 | 90 |
| 4 | Pediatric OT | 2 | 60 |
| 5 | NICU | 2 | 60 |
| 6 | Field Visit | 2 | 60 |
| | Total | 27 | 810 Hours |

Student Activities

| Sr. No. | Name of Assignment | Number | Marks |
|---------|---------------------------------------|--------|-------|
| 1 | Case Presentation Surgical & Surgical | 2 | 100 |
| 2 | Case study Surgical | 1 | 50 |
| 3 | Nursing Care Plan Surgical | 1 | 50 |
| 4 | Health Talk | 1 | 50 |
| 5 | Project | 1 | 100 |
| 6 | Drug Book | 1 | 50 |
| 7 | Journal Presentation | 2 | 50 |
| 8 | NICU Report | 1 | 50 |
| 9 | Clinical Evaluation Surgical | 1 | 100 |
| 10 | Clinical Evaluation NICU | 1 | 100 |
| | Total | | 700 |

Internal Assessment

| Sr. no | Internal assessment (Theory) | Max Marks |
|--------|------------------------------|-----------|
| 1 | Unit Test I | 15 |
| 2 | Pre-final | 35 |
| 3 | Topic Presentation | 50 |
| 4 | Written Assignment | 50 |
| | Total | 150 |

For Internal assessment marks 150 to be converted out of 15

| Sr. no | Internal assessment (Practical) | Marks |
|--------|---------------------------------|-------|
| 1 | Unit Test I | 15 |
| 2 | Pre-final | 35 |
| 3 | Case Presentation Surgical | 50 |
| | Case Presentation Medical | 50 |
| 4 | Case study Surgical | 50 |
| 5 | Nursing Care Plan Surgical | 50 |
| 6 | Health Talk | 50 |
| 7 | Project | 100 |
| 8 | Drug Book | 50 |
| 9 | NICU Report | 50 |
| 10 | Journal Presentation | 50 |
| 11 | Clinical Evaluation Surgical | 100 |
| | Clinical Evaluation NICU | 100 |
| | Total | 750 |

For Internal assessment marks 750 to be converted out of 50 External assessment University examination Theory -35 Practical -50

Essential

1. Procedures observed

- Echo cardiogram
- Ultrasound
- ROP screening
- 2. Procedures Assisted
 - Advanced neonatal life support
 - Lumbar puncture
 - Arterial blood gas
 - ECG recording
 - Umblical catheterization, Arterial and venous
 - Arterial BP monitoring
 - Blood Transfusion : Exchange, full and partial
 - IV cannulation and therapy
 - Arterial catheterization
 - Chest tube insertion
 - Endo tracheal intubation

- Ventilation
- Insertion of long line
- 3. Procedures performed
 - Airway management
 - Application of oropharyngeal airway
 - Oxygen therapy
 - CPAP(Continous positive airway pressure)
 - Care of tracheostomy
 - Endotracheal intubation
 - Neonatal resuscitation
 - Monitoring of neonates: Clinically and with monitors ,CRT (Capillary refill time),assessment of jaundice, ECG
 - Gastric lavage
 - Setting of ventilators
 - Phototherapy
 - Assessment of neonates: Identification and assessment of risk factors, apgar score, Gestation age, Anthropometric assessment, weighing the baby, Newborn examination, detection of life threatening congenital abnormalities
 - Admission and discharge of neonates
 - Feeding: Management of breast feeding, Artificial feeding, Expression of breast milk, OG (Orogastric) insertion, gavage feeding, TPN, breast feeding counselling
 - Thermoregulation: Axillary warmer, incubators, Management of thermo regulation and control
 - Administration of drugs: IM OR IV injection, IV cannulation and fixation of infusion pumps, calculation of dosage, neonatal formulation of drugs, use of tuberculin/insulin syringes, monitoring of fluid therapy, blood administration
 - Procedures of prevention of infection: Handwashing, disinfection and sterilization, surveliance, fumigation
 - Collection of specimens
 - Setting, use and mainintenance of basic equipments.ventilators, O2 analyser, monitoring equipment's, phototherapy unit, flux meter, Infusion pump, radiant warmer, incubator, centrifuged machine, billimeter, refractometer, laminar flow.

OBSTETRICS AND GYNECOLOGY NURSING

Theory hours Total: 150 (Third and Fourth semester) Practical hours: Total: 960 Total hours: 1110 Placement: Fourth Semester Theory-75 hours (Unit I-VII) Practical-810 hours

Course Description

This course is designed to assist students in developing expertise and in depth understanding in the field of Obstetric and Gynecological Nursing. It will help students to appreciate the client as a holistic individual and develop skill to function as an independent midwifery practitioner. It will further enable the student to function as educator, manager and researcher in the field of Obstetric and Gynecological nursing

Objectives

At the end of the course the students will be able to:

- 1. Appreciate the trends in the field of midwifery, obstetrics and gynaecology as a specialty
- 2. Describe the population dynamics and indicators of maternal and child health
- 3. Describe the concepts of biophysical, psychological and spiritual aspects of normal pregnancy, labor and puerperium.
- 4. Provide comprehensive nursing care to women during reproductive period.
- 5. Integrate the concepts of family centered nursing care and nursing process approach in obstetric and gynecological nursing.
- 6. Identify and analyze the deviations from normal birth process and refer appropriately.
- 7. Describe the pharmacological agents, their effects during pregnancy, childbirth, puerperium, lactation and the role of nurse
- 8. Counsel adolescents, women and families on issues pertaining to pregnancy, childbirth and lactation
- 9. Describe the role of various types of complementary and alternative therapies in obstetric and gynecological nursing
- 10. Incorporate evidence based nursing practice and identify the areas of research in the field of obstetric and gynecological nursing
- 11. Describe the recent advancement in contraceptive technology and birth control measures.
- 12. Appreciate the legal and ethical issues pertaining to obstetric and gynaecological nursing.

| | Hrs | Торіс | |
|-----|-----|---|--|
| I | 15 | MENOPAUSE | |
| | | Physiological, psychological and social aspects | |
| | | • Hormone replacement therapy | |
| | | Surgical menopause | |
| | | Counseling and guidance | |
| | | Role of midwifery nurse practitioner | |
| II | 15 | HIV / AIDS | |
| | | • HIV positive mother and her baby | |
| | | • Epidemiology | |
| | | • Screening | |
| | | • Parent to child transfusion (PTCT) | |
| | | Prophylaxis for mother and baby | |
| | | • Standard safety measures | |
| | | Counseling | |
| | | Breast feeding issues | |
| | | National policies and guidelines | |
| | | Issues – legal, ethical, Psychosocial and rehabilitation role of | |
| | | nurse | |
| Ш | 20 | GYNECOLOGICAL PROBLEMS AND NURSING | |
| 111 | 20 | MANAGEMENT | |
| | | Gynecological assessment | |
| | | Gynecological assessment Gynecological procedures | |
| | | Etiology, pathophysiology, diagnosis and nursing | |
| | | Enology, paulophysiology, diagnosis and nursing Menstrual irregularities | |
| | | Disease of genital tract | |
| | | Genital tract infections | |
| | | Uterine displacement | |
| | | Genital prolapsed | |
| | | Genital injuries | |
| | | Uterine malformations – uterine fibroid, ovarian tumors, | |
| | | breast carcinoma, pelvic inflammatory diseases, | |
| | | • Reproductive tract malignancies, | |
| | | Hysterectomy – abdominal, vaginal | |
| | | • Sexual abuse, rape, trauma, assault | |
| IV | 5 | INFERTILITY | |
| | | Primary and secondary causes | |
| | | Diagnostic procedures | |
| | | • Counseling – ethical and legal aspects of assisted reproductive | |
| | | technology (ART) | |
| | | Recent advancement in infertility management | |
| | | Adoption process | |
| | | Role of nurses in infertility management | |

| Unit | Hrs | Торіс |
|------|-----|--|
| V | 5 | ADMINISTRATION AND MANAGEMENT OF OBSTETRICAL AND GYNECOLOGICAL UNIT Design and layout Staffing Equipment, supplies Infection control – standard safety measures Quality assurance – obstetric auditing, records/ reports, norms, policies and protocols Practice standards for obstetrical and gynecological unit |
| VI | 10 | EDUCATION AND TRAINING IN OBSTETRICAL AND GYNECOLOGICAL CAre Staff orientation, training and development In- service education programs Clinical teaching programs Planning midwifery programme – GNM, B.Sc., ANM, Dai / TBA |
| VII | 5 | INTERNATIONAL AND NATIONAL AGENCIES ICM SOMI |

Practical Total = 810 Hours

| Sr. | Name of Assignment | Number | Marks |
|------------|-------------------------------------|--------|--------|
| <u>No.</u> | | | 100 |
| 1 | Case Presentation Labour room & PNC | 2 | 100 |
| 2 | Case study PNC | 1 | 50 |
| 3 | Nursing Care Plan PNC | 1 | 50 |
| 4 | Health Talk | 1 | 50 |
| 5 | Project | 1 | 100 |
| 6 | Drug Book | 1 | 50 |
| 7 | Journal Presentation | 2 | 50 |
| 8 | Case book | 1 | 50 |
| 9 | Clinical Evaluation Labour room | 1 | 100 |
| 10 | Clinical Evaluation PNC | 1 | 100 |
| | Total | | 700 |
| | | • | 1 Week |

Hours

| Sr. No. | Dept./Unit | No. of Week | Total Hours |
|---------|--------------------------|-------------|-------------|
| 1 | ANC ward | 6 | 180 |
| 2 | PNC ward | 4 | 120 |
| 3 | Labour room | 4 | 120 |
| 4 | NICU | 4 | 120 |
| 5 | Gynaec OT | 3 | 90 |
| 4 | Community Health Nursing | 2 | 60 |
| 5 | ANC OPD | 2 | 60 |
| 5 | Field Visit | 2 | 60 |
| | Total | 27 | 810 Hours |

Student Activities

Internal Assessment Internal assessment (Theory) Max Marks Sr. no Unit Test I 15 1 2 35 Pre-final 3 Topic Presentation 50 Written Assignment 4 50 Total 150

For Internal assessment marks 150 to be converted out of 15

| Sr. no | Internal assessment (Practical) | Marks |
|--------|---------------------------------|-------|
| 1 | Unit Test I | 15 |
| 2 | Pre-final | 35 |
| 3 | Case Presentation Labour room | 50 |
| | Case Presentation PNC | 50 |
| 4 | Case study PNC | 50 |
| 5 | Nursing Care Plan PNC | 50 |
| 6 | Health Talk | 50 |
| 7 | Project | 100 |
| 8 | Drug Book | 50 |
| 9 | Case book | 50 |
| 10 | Journal Presentation | 50 |
| 11 | Clinical Evaluation PNC | 100 |
| | Clinical Evaluation LR | 100 |
| | Total | 750 |

For Internal assessment marks 750 to be converted out of 50 External assessment University examination Theory -35 Practical -50

Essential

- Health education, counseling and mother craft classes
- Antenatal immunization
- Assessment of intra uterine fetal well-being
- Universal precautions -effective infection control methods
- Vaginal examination and interpretation (early pregnancy, labour, post-partum)
- Utilization of partograph, Cervicograph
- Conduction of safe delivery
- Episiotomies suturing
- Manual removal of placenta, placental examination
- Postnatal assessment 20
- Management of breast engorgement, while leg
- Postnatal counseling
- Breast care, breast exam, and drainage breast abscess
- Postnatal exercise
- Newborn assessment -Ruling out congenital anomalies
- Neonatal resuscitation
- Apgar score
- Monitoring neonates Clinically With monitor Capillary refill time Assessment of jaundice
- Gastric lavage
- Gastric gavages
- Care of child in multi-channel monitor and ventilator
- Care of child in radiant, warmer and incubutator
- Kangaroo care
- Anthropometrics measurement
- Neonatal reflexes
- Breast feeding
- Parental nutrition & fluid balance /infusion pump
- Feeding technique
- Medication
- Capillary blood sample collection
- Oxygen therapy
- Phototherapy
- Chest physiotherapy

COMMUNITY HEALTH NURSING

Placement: IV Semester- T-75 hrs. (IV- IX unit) Practical- 810hrs

Course Description

This course is designed to assist students in developing expertise and in depth understanding in the field of Community health nursing. It will help students to develop advanced Skills for nursing intervention in various aspects of community health care settings. It will enable the student to function as community health Nurse practitioner/specialist. It will further enable the student to function as educator, manager and researcher in the field of community health nursing.

Objectives

At the end of the course the students will be able to:

- 1. Appreciate trends and issues related to community health nursing reproductive and child health, school Health, occupational health, international health, rehabilitation, geriatric and mental health.
- 2. Apply epidemiological concepts and principles in community health nursing practice
- 3. Perform community health assessment and plan health programmes.
- 4. Describe the various components of Reproductive and child health programme.
- 5. Demonstrate leadership abilities in organizing community health nursing services by using inter-sectoral approach.
- 6. Describe the role and responsibilities of community health nurse in various national health and family welfare programmes.
- 7. Participate in the implementation of various National Health and Family Welfare Programme.
- 8. Demonstrate competencies in providing family centered nursing care independently.
- 9. Participate / conduct research for new insight and innovative solutions to health problems.
- 10. Teach and supervise nurses and allied health workers.
- 11. Design a layout of sub center / primary health center / community health center and develop standards for community health nursing practice.

| Ι | 15 | INTERNATIONAL HEALTH | | | | | |
|----|----|--|--|--|--|--|--|
| | | □ Global burden of disease | | | | | |
| | | □ Global health rules to halt disease spread | | | | | |
| | | Global health priorities and programs | | | | | |
| | | □ International quarantine | | | | | |
| | | □ Health tourism | | | | | |
| | | □ International cooperation and assistance | | | | | |
| | | □ International travel and trade | | | | | |
| | | \Box Health and food legislation, laws, adulteration of food | | | | | |
| | | Disaster management | | | | | |
| | | □ Migration | | | | | |
| | | □ International health agencies –World Health | | | | | |
| | | Organizations, World health assembly, UNICEF, UNFPA, SIDA, US | | | | | |
| | | AID, DANIDA, DFID. Aus AID etc. | | | | | |
| | | □ International health issues and problems | | | | | |
| | | □ International nursing practice standards | | | | | |
| | | □ International health vis-a vis National Health | | | | | |
| | | □ International health days and their significance | | | | | |
| II | 15 | EDUCATION AND ADMINISTRATION | | | | | |
| | | □ Quality assurance | | | | | |
| | | □ Standards, Protocols, Policies, Procedures | | | | | |
| | | □ Infection control; Standard safety measures | | | | | |
| | | □ Nursing audit | | | | | |
| | | Design of Sub-Centre/Primary Health Centre / Community health | | | | | |
| | | center | | | | | |
| | | □ Staffing; Supervision and monitoring-Performance appraisal | | | | | |
| | | □ Budgeting | | | | | |
| | | □ Material management | | | | | |
| | | □ Role and responsibilities of different categories of personnel in | | | | | |
| | | community health | | | | | |
| | | Referral chain- community outreach services Transmonstration | | | | | |
| | | □ Transportation □ Public relations | | | | | |
| | | Public relations Planning in-service educational programme and teaching | | | | | |
| | | □ Training of various categories of health workers preparation of | | | | | |
| | | manuals | | | | | |
| Ш | 10 | GERIATRIC | | | | | |
| | 10 | Concept, trends, problems and issues. Aging process and changes | | | | | |
| | | Theories of aging | | | | | |
| | | Health problems and needs Psycho - physiological stressors and | | | | | |
| | | disorders | | | | | |
| | | Myths and facts of aging | | | | | |
| | | □ Health assessment | | | | | |
| | | □ Home for aged-various agencies | | | | | |
| | | □ Rehabilitation of elderly | | | | | |
| | | □ Care of elderly | | | | | |
| | | □ Elderly abuse | | | | | |
| 1 | 1 | | | | | | |

| | 1 | | | | | | |
|----|----|---|--|--|--|--|--|
| | | □ Training and supervision of care givers | | | | | |
| | | □ Government welfare measures Programmes for elderly- Role of | | | | | |
| | | NGOs. | | | | | |
| | | □ Roles and responsibilities of Geriatric nurse in the community | | | | | |
| | | problems and issues | | | | | |
| IV | 10 | REHABILITATION | | | | | |
| | | □ Introduction: Concepts, principles, trends, issues, | | | | | |
| | | □ Rehabilitation team | | | | | |
| | | □ Models, Methods | | | | | |
| | | Community based rehabilitation | | | | | |
| | | | | | | | |
| | | Ethical issues | | | | | |
| | | C Rehabilitation Council of India | | | | | |
| | | Disability and rehabilitation- Use of various prosthetic devices | | | | | |
| | | Psychosocial rehabilitation | | | | | |
| | | □ Rehabilitation of chronic diseases | | | | | |
| | | □ Restorative rehabilitation | | | | | |
| | | □ Vocational rehabilitation | | | | | |
| | | □ Role of voluntary organizations | | | | | |
| | | □ Guidance and counseling | | | | | |
| | | U Welfare measures | | | | | |
| | | □ Role and responsibilities of community health nurse | | | | | |
| V | 10 | COMMUNITY MENTAL HEALTH | | | | | |
| | 10 | □ Magnitude, trends and issues | | | | | |
| | | National Mental Health Program- Community mental health program | | | | | |
| | | | | | | | |
| | | □ The Changing Focus of care | | | | | |
| | | The Public Health Model | | | | | |
| | | Case Management- Collaborative care | | | | | |
| | | Crisis intervention | | | | | |
| | | □ Welfare agencies | | | | | |
| | | □ Population at Risk | | | | | |
| | | □ The community as Client | | | | | |
| | | Premedical Promotion | | | | | |
| | | Primary Prevention | | | | | |
| | | Secondary prevention | | | | | |
| | | Tertiary Prevention | | | | | |
| | | Community based rehabilitation | | | | | |
| | | □ Human rights of mentally ill | | | | | |
| | | Substance use | | | | | |
| | | □ Mentally challenged groups | | | | | |
| | | Role of community health nurse | | | | | |
| VI | 15 | | | | | | |
| VI | 15 | OCCUPATIONAL HEALTH | | | | | |
| | | □ Introduction: Trends, issues, Definition, Aims, Objectives, Workplace | | | | | |
| | | safety | | | | | |
| | | □ Ergonomics and Ergonomic solutions | | | | | |
| | | □ Occupational environment- Physical, social, Decision making, | | | | | |
| | | Critical thinking | | | | | |
| | | □ Occupational hazards for different categories of people physical, | | | | | |

| chemical, biological, mechanical, , Accidents |
|---|
| Occupational diseases and disorders |
| Measures for Health promotion of workers; Prevention and control of occupational diseases, disability limitations and rehabilitation |
| □ Women and occupational health |
| Occupational education and counseling |
| □ Violence at workplace |
| □ Child labour |
| Disaster preparedness and management |
| □ Legal issues: Legislation, Labour unions, ILO and WHO |
| recommendations, Factories act, ESI act |
| □ Role of Community health nurse, Occupational health team |

Practical

| Sr. | Dept./Unit | No. of | Total |
|-------------|------------------------------------|--------|------------|
| <i>No</i> . | | Week | Hours |
| 1 | Urban and Rural community | 03 | 90 |
| 2 | Administration(SC/PHC/CHC) | 03 | 90 |
| 3 | Occupational health | 03 | 90 |
| 4 | Community Mental Health | 03 | 90 |
| 5 | Home for aged and Hospice | 03 | 90 |
| 6 | Rehabilitation | 02 | 60 |
| 7 | School Health | 04 | 120 |
| 8 | International health | 03 | 90 |
| 9 | National Health and Family welfare | 03 | 90 |
| | programme | | |
| | Total | 27 | 810 |

Fourth Semester (II YEAR) M.Sc. Nursing

| | | Community health Nursing | Total Marks | Average out of |
|--------|----------------------|-----------------------------|----------------|-------------------|
| Theory | Unit test -1 | 15 | 150 | 15 |
| | Prefinal | 35 | | |
| | Topic presentation | 50 | | |
| | Journal presentation | 25 | | |
| | Written assignment | 25 | | |

150 to be converted into 15

| Practical | Marks |
|---|-------|
| Unit test -1 | 15 |
| Prefinal | 35 |
| 1. Home procedure-1 | 50 |
| 2. Family Care study-1 | 50 |
| 3. Health Education-1 | 50 |
| 4. Nursing care plan-1 | 50 |
| 5. Clinical Evaluation -2 | 200 |
| 6. Training of different catagories of health | 100 |
| 7. Schoolhealth programme | 100 |
| 8. Project work | 100 |
| Total | 750 |

750 to be converted into 50 External Assessment University examination Theory -35 Practical -50

COMMUNITY HEALTH NURSING SP II

EVALUATION CRITERIA FOR FAMILY HEALTH CARE SUTDY (Marks:50)

| SN | Criteria | Marks | Marks |
|----|--|----------|----------|
| | | Allotted | Obtained |
| 1 | Introduction & Objective | 02 | |
| 2 | Subjective data | 03 | |
| 3 | Objective data | 05 | |
| 4 | Assessment of Family members | 03 | |
| | (physical mental & social) | | |
| 5 | Health needs identified | 03 | |
| 6 | Planning for family health nursing care | 06 | |
| | (including short term & long term plan) | | |
| 7 | Implementation of home nursing care plan | 06 | |
| | with scientific rationale | | |
| 8 | Health education planning and | O4 | |
| | implementation | | |
| 9 | Planning for diet | 03 | |
| 10 | Drugs study & home care | 03 | |
| 11 | Evaluation: | | |
| | - Outcome of family healthcare | 02 | |
| | - Self-learning as a Nurse | 02 | |
| 12 | Future plan | 03 | |
| 13 | Conclusion & suggestion | 02 | |
| 14 | Use of table / graphs etc. | 03 | |
| | Total | 50 | |

EVALUATION CRITERIA FOR HOME PROCEDUREEVALUATION (50 MARKS)

| Particular | Marks | Marks Obtained |
|---|-------|----------------|
| Selection of procedures based on family needs | 02 | |
| Preparation of the bag for the procedure | 05 | |
| Confidence in use of bag | 05 | |
| Caring out all the steps of procedure correctly | 05 | |
| Scientific principles followed while doing | 05 | |
| procedure | | |
| Involvement of family while doing procedure | 05 | |
| Post care of bag and equipment | 05 | |
| Health education while during and the procedure | 05 | |
| Disposal of waste | 05 | |
| Reporting for breakage and loss | 03 | |
| Recording and reporting | 05 | |

EVALUATION CRITERIA FOR HEALTH TALK EVALUATION (100marks)

| | Particular | 1 | 2 | 3 | 4 | 5 | Score |
|--------|--------------------------------------|---|---|---|---|---|-------|
| I) Pla | nning And organisation | | | | | | |
| a) | Formulation of attainable objectives | | | | | | |
| b) | Adequacy of content | | | | | | |
| c) | Organization of subject matter | | | | | | |
| d) | Current knowledge related to | | | | | | |
| | subject Matter | | | | | | |
| e) | Suitable A. V. Aids | | | | | | |
| II) Pr | resentation: | | | | | | |
| a) | Interesting | | | | | | |
| b) | ClearAudible | | | | | | |
| c) | Adequate explanation | | | | | | |
| d) | Effective use of A. V. Aids | | | | | | |
| e) | Group Involvement | | | | | | |
| f) | Time Limit | | | | | | |
| III) P | ersonal qualities: | | | | | | |
| a) | Self confidence | | | | | | |
| b) | Personal appearance | | | | | | |
| c) | Language | | | | | | |
| d) | Mannerism | | | | | | |
| e) | self-awareness of strong & weak | | | | | | |
| | points | | | | | | |
| IV) Fe | eed Back : | | | | | | |
| a) | Recapitulation | | | | | | |
| b) | Effectiveness | | | | | | |
| c) | Group response | | | | | | |
| V) Su | bmits Assignment On Time | | | | | | |

EVALUATION CRITERIA FOR SCHOOL HEALTH PROGRAMME (50 Marks)

| SN | Assignments | Marks |
|----|--|-------|
| 1 | Organization for school / checkup programme | 08 |
| 2 | Assessment to find out any deviation | 10 |
| 3 | Knowledge and application of scientific practice | 08 |
| | (Head to foot examination of child) | |
| 4 | Communication skill with child, parent & teacher | 04 |
| 6 | Action taken including Health Teaching & referrals | 08 |
| 7 | Reporting to supervisor, parents and teacher | 06 |
| 8 | Recording on assessment proforma | 06 |
| | Total | 50 |

CLINICAL EVALUATION PROFORMA (100 Marks)

| SN | Areas with sub heading Rating | 1 | 2 | 3 | 4 | 5 |
|------|---|---|---|---|---|---|
| I | Knowledge and understanding about family | 1 | 2 | 5 | - | 5 |
| 1 | 1. Studies family health record and collects | | | | | |
| | significant data | | | | | |
| | Interprets significant data based on knowledge of | | | | | |
| | community Health / Community Health Nursing. | | | | | |
| П | Home Visit | | | | | |
| | 3. Preplans are written based on the health needs of | | | | | |
| | the family and identified goals | | | | | |
| | 4. Planning and organization of home visit | | | | | |
| | 5. Establishers report with the family and able to | | | | | |
| | communicate effectively and tactfully with | | | | | |
| | different individual /groups | | | | | |
| Ш | Health Assessment and Observation | | | | | |
| | 6. Identifies deviations from normal and set priorities | | | | | |
| | in home care activities | | | | | |
| | 7. Plans and implements name care based on preset | | | | | |
| | goals and health needs | | | | | |
| IV | Nursing Activities carried out: | | | | | |
| | 8. Application of scientific principles | | | | | |
| | 9. Technical skills with necessary modification and | | | | | |
| | completeness of the procedure | | | | | |
| | 10. Involvement and participating of the family | | | | | |
| | members | | | | | |
| | 11. Interpretation, reporting, recording of results | | | | | |
| | 12. Takes, corrective follow standing orders selects | | | | | |
| | and appropriate referral agencies. | | | | | |
| V | Information Health Teaching | | | | | |
| | 13. Uses every opportunity for incidental / planned | | | | | |
| | teaching for individual and group | | | | | |
| | 14. Uses appropriate teaching learning principles | | | | | |
| VI | Post Visit | | | | | |
| | 15. Reports significant information | | | | | |
| | 16. Completes records, promptly, precisely and | | | | | |
| X711 | accurately. | | | | | |
| VII | Evaluation of Family Health Care | | | | | |
| | 17. Able to evaluate the set goals, short and long term | | | | | |
| | health car eplans | | | | | |
| | 18. Able to revise the family health needs and modify | | | | | |
| VIII | the care plans | - | | | | |
| VIII | Professional qualities | | | | | |
| | 19. Professional appearance | | | | | |
| | 20. Interest, initiative, resourcefulness, responsible, | | | | | |
| | leadership and attitude, response to constructive | | | | | |
| | criticism and suggestions. | | | | | |

Total Marks:

Percentage: Grade: Remarks / comments by the Supervisor: (In terms of strengths and weaknesses) Instruction: Application of theory to practice is considered throughout the experiences.