

DR D.Y. PATIL DEEMED UNIVERSITY
COLLEGE OF NURSING
PIMPRI, PUNE-18

FIRST Year P.B.BSc. Nursing. (1st Semester)

Subject: Medical Surgical Nursing

Faculty: Mrs. Jithya. PM

UNIT	TOPIC	NO.OF LECTURE	SR.NO
UNIT I: Introduction to medical surgical nursing.	<ul style="list-style-type: none"> • Introduction to medical surgical nursing. • Review of concepts of comprehensive nursing care in medical surgical conditions. 	2	2
	<ul style="list-style-type: none"> • Nurse, patient & his/her family • Functions of nurse in the outpatient department. • Intensive care units, Staff requirement, Client's needs & nursing care. 	2	4
UNIT II: NURSING MANAGEMENT OF PATIENTS WITH SPECIFIC PROBLEMS	<ul style="list-style-type: none"> • Fluid & electrolyte imbalance. • Dyspnea, cough & respiratory obstruction. 	2	6

	<ul style="list-style-type: none"> • Fever & nursing care. • Shock & nursing care. • Unconsciousness & nursing care. • Pain perception & nursing care. • Acute & chronic illness & nursing care. 	2 2	8 10
	<ul style="list-style-type: none"> • Terminal illness & nursing care. 	1	11
	<ul style="list-style-type: none"> • Ageing & illness & nursing care. 	1	12
	<ul style="list-style-type: none"> • Pre & post-operative care. • Nursing care of clients with incontinence. 	2	14
UNIT III: NURSING MANAGEMENT OF PATIENT WITH NEUROLOGICAL & NEURO-SURGICAL CONDITIONS	Review of anatomy & physiology of the nervous system & assessment of clients with CNS disorders, pathophysiology, diagnostic procedures & management of: <ul style="list-style-type: none"> • Cerebro-vascular accident & nursing care. • Cranial, spinal & peripheral neuropathies & nursing care. • Headache & intractable pain & nursing care. • Epilepsy & nursing care. • Nursing care of clients with infectious & 	1 1 1 1	15 16 17 18

	<p>inflammatory diseases & trauma of the nervous system.</p> <ul style="list-style-type: none"> • Nursing care of clients with common CNS disorders. • Recent advance in diagnostic & treatment modalities & drugs used in CNS disorders. • Brain, spinal tumors, congenital malformations, degenerative disorders. 	<p>1</p> <p>1</p> <p>1</p> <p>1</p>	<p>19</p> <p>20</p> <p>21</p> <p>22</p>
<p>UNIT IV: NURING MANAGEMENT OF PATIENTS WITH CARDIO-VASCULAR PROBLEMS.</p>	<p>Review of relevant anatomy & physiology of cardio-vascularsystem & assessment of clients with cardio-vascular disorders, Pathophysiology, diagnostic procedures & management of-</p> <ul style="list-style-type: none"> • Ischemic heart disease. • Cardiac arrhythmias. • Congestive cardiac failure. • Rheumatic & other valvular heart diseases. • Endocarditis, cardiomyopathies, congenital heart diseases, hypertesnsion, heart block. • Cardiac emergencies: cardiac arrest, acute pulmonary oedema, 	<p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>2</p> <p>2</p>	<p>23</p> <p>24</p> <p>25</p> <p>26</p> <p>28</p> <p>30</p>

	cardiac tamponade, cardiogenic shock, aneurisms & peripheral-vascular disorders, recent advancement in cardiology.		
UNIT V: NURSING MANAGEMENT OF PATIENT WITH RESPIRATORY PROBLEMS	<p>Review of anatomy & physiology of respiratory system & assessment of clients with respiratory disorders, Pathophysiology, diagnostic procedures and management of upper and lower respiratory tract infection</p> <ul style="list-style-type: none"> • Bronchitis, bronchiectasis & nursing care. • Asthma, emphysema, empyema, atelectasis, COPD and nursing care. • Chest injuries, respiratory arrest & insufficiency <p>Special respiratory therapies & drugs used in the management</p>	<p>2</p> <p>2</p> <p>2</p>	<p>32</p> <p>34</p> <p>36</p>
UNITVI: NURSING MANAGEMENT OF CLIENTS WITH GENITO-URINARY PROBLEMS.	<p>Review of anatomy & physiology of the genitor-urinary system & assessment clients with genitor-urinary problems, pathophysiology & management of-</p> <ul style="list-style-type: none"> • Congenital disorders, urinary infections. • Nephritis, renal calculi. • Acute renal failure, chronic renal failure, 	<p>1</p>	<p>37</p>

	<ul style="list-style-type: none"> ends stage renal disease. 1 38 • Special procedures: dialysis, renal transplant. 1 39 • Benign prostatic hypertrophy. 1 40 • Drugs used in the management of these patients. 1 41 		
UNIT VII: NURSING MANAGEMENT OF CLIENTS WITH PROBLEMS OF THE DIGESTIVE SYSTEMS	<p>Review of anatomy & physiology of gastro-intestinal system & accessory organs & assessment of clients with gastro-intestinal tract disorders pathophysiology, diagnostic procedures & management of-</p> <ul style="list-style-type: none"> • Gastro-intestinal bleeding. 1 42 • Peptic ulcer. 1 43 • Acute abdomen. 1 44 • Infections, colitis, diarrhoea, dysentery & mal-absorption syndrome. 2 46 • Cholecystitis. 2 46 • Hepatitis, hepatic coma & cirrhosis of liver, portal hypertension. 1 47 • Pancreatitis. 1 47 • Tumours, hernias, fistulas, haemorrhoids. 2 49 • Drugs used in the management of these patients. 1 50 		

		1	51
UNIT VIII: NURSING MANAGEMENT OF PATIENTS WITH ENDOCRINE PROBLEMS.	<p>Review of anatomy & physiology & assessment of clients with endocrine disorders, pathophysiology, diagnostic procedures & management of-</p> <ul style="list-style-type: none"> • Thyroid disorders. • Diabetes mellitus, diabetes insipidus. • Adrenal tumours, pituitary disorders. • Drugs used, diagnostic procedures & nursing management of patient with above problems. 	<p>1</p> <p>2</p> <p>2</p>	<p>52</p> <p>54</p> <p>56</p>
UNIT IX: NURSING MANAGEMENT OF PATIENTS WITH MUSCULO- SKELETAL PROBLEMS	<p>Review of anatomy, physiology & assessment of patients with musculo-skeletal disorders.</p> <ul style="list-style-type: none"> • Osteomalacia, osteoporosis, osteomyelitis, bursitis. • Fractures, dislocation & trauma. • Prolapsed disc. • Prosthesis & rehabilitation. 	<p>1</p> <p>1</p> <p>1</p> <p>2</p>	<p>57</p> <p>58</p> <p>59</p> <p>61</p>

	Transplant & replacement surgeries		
UNIT X: NURSING MANAGEMENT OF PATIENTS WITH DISORDERS OF FEMALE REPRODUCTIVE TRACT	<ul style="list-style-type: none"> Disorders of menstruation & infections of genital tract. 	1	62
	<ul style="list-style-type: none"> Benign & malignant tumors of genital tract & RVF & VVF. 	1	63
	<ul style="list-style-type: none"> Climacteric changes & associated problems. 	1	64
UNIT XI: NURSING MANAGEMENT OF PATIENTS WITH ONCOLOGICAL DISORDERS	<ul style="list-style-type: none"> Types of neoplasms & related pathophysiology, diagnostic procedures, 	2	66
	<ul style="list-style-type: none"> Modalities of treatment & nurses' role. 	1	67
	<ul style="list-style-type: none"> Special therapies: chemotherapy & radiotherapy & nursingcare. 	1	68
	<ul style="list-style-type: none"> Preventive measures, other therapies. 	1	69
UNIT XII: NURSING MANAGEMENT OF PATIENTS WITH BURNS & RECONSTRUCTIVE SURGERIES	<ul style="list-style-type: none"> Pathophysiology, assessment & nursing management of patients with burns. 	2	71
	<ul style="list-style-type: none"> Nursing management of patients with reconstructive surgeries. 	1	72

<p>UNIT XIII: NURSING MANAGEMENT OF PATIENTS WITH COMMUNICABLE DISEASES, STDS & HIV/AIDS.</p>	<ul style="list-style-type: none"> • Nursing management of patients with common communicable diseases & STDs. • Nursing management of patients with immunological disorders including HIV/AIDS. 	<p>2</p> <p>3</p>	<p>74</p> <p>77</p>
<p>UNIT XIV: NURSING MANAGEMENT OF PATIENTS WITH DISEASES OF EYE, EAR, NOSE, THROAT & SKIN.</p>	<ul style="list-style-type: none"> • Assessment & nursing management of patients with eye disorders. (Eye injuries, cataract, inf., blindness) • Assessment & nursing management of patients with ear disorders (deafness). • Assessment & nursing management of patients with nose & throat disorders. (DNS, tonsillitis). • Assessment nursing management of patients with skin disorders. (Fungal inf., herpes, psoriasis etc) 	<p>1</p> <p>1</p> <p>1</p> <p>2</p>	<p>78</p> <p>79</p> <p>80</p> <p>82</p>
<p>UNIT XV: NURSING MANAGEMENT OF PATIENTS WITH</p>	<p>- Review of anatomy & physiology of blood & blood products, pathophysiology,</p>		

BLOOD DISORDERS	<p>diagnostic procedures & management of blood disorders.</p> <ul style="list-style-type: none"> • Anaemia, leukaemia. 1 83 • Bleeding disorders, haemophilia, purpura etc. 1 84 • Blood transfusion, safety checks, procedure & requirements, management of adverse transfusion reaction, records for blood disorders. 1 85 • Management & counseling of blood donors, phlebotomy procedure, & post-donation management. 1 86 • Blood bank functioning & hospital transfusion committee. Biosafety & waste management in relation to blood transfusion. 1 87 		
UNIT XVI: NURSING EMEGENCIES	<ul style="list-style-type: none"> • Cardiac emergencies. (included in unit iv) 1 88 • Trauma. 1 89 • Poisoning. • Crisis management: 		

	thyroid, hypertensive, & adrenal crisis included in unit viii &iv.	1	90
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REFERENCES:

1. Longphipps. Casseyer. Medical Surgical Nursing. A Nursing process approach. Pub. Mosby co. 1993
2. Lewis, Collier,Heitcemper. Medical Surgical Assessment & management of clinical problems.
3. Brunner &Suddharth. Medical Surgical Nursing Pub.J.B. Lippincott co.
4. Luckman&Sorensen. Medical Surgical Nursing Aphyschophysiologic approach. Pub. W.B. Saunders co.
5. Joyce M. Black, E.M. Jacobs; Medical Surgical Nursing, Clinical Management for continuity of care; 5th ed.; 1997; by W.B.Saunders company. (Part I &II).