

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

Child Health Nursing

M.Sc. Second Year Lesson Plan Theory =150

Faculty:- MRS. SHWETA JOSHI

Unit	Hours	Content	Lesson in Hours	Lesson Series
I	5	Introduction <ul style="list-style-type: none"> ○ Current principles, practices and trends in Pediatric Nursing ○ Role of pediatric nurse in various settings -Expanded and extended 	2 3	1-2 2-5
II	35	<ul style="list-style-type: none"> ○ 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: <ul style="list-style-type: none"> - Upper respiratory tract: choanal atresia, tonsillitis, epistaxis, aspiration. - Lower respiratory tract: Broncheolitis, Bronchopneumonia, Asthma, cystic fibrosis • Child with gastro-intestinal disorders: <ul style="list-style-type: none"> - 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: <ul style="list-style-type: none"> - Acquired: Rheumatic fever, Rheumatic heart disease, - Congenital: Cyanotic and acyanotic • Child with endocrine/metabolic disorders: Diabetes insipidus, Diabetes Mellitus – IDDM, NIDDM, hyper and hypo thyroidism, phenylketonuria, galactosemia • Child with Neurological disorders: Convulsions, Meningitis, encephalitis, guillian- Barre syndrome 	3 3 3 5 3 3	6-8 9-11 12-14 15-19 20-22 23-25

		<ul style="list-style-type: none"> • Child with oncological disorders: Leukemias, Lymphomas, Wilms' tumor, nephroblastomas, neuroblastomas, Rhabdomyosarcoma, retinoblastoma, hepatoblastoma, bone tumors 	3	26-28
		<ul style="list-style-type: none"> • Child with blood disorders: Anemias, thalassemias, hemophilia, polycythemia, thrombocytopenia, and disseminated intravascular coagulation 	3	29-31
		<ul style="list-style-type: none"> • Child with skin disorders 	3	32-34
		<ul style="list-style-type: none"> • Common Eye and ENT disorders 	3	35-37
		<ul style="list-style-type: none"> • Common Communicable diseases 	3	38-40
III	35	<ul style="list-style-type: none"> ○ Assessment (including interpretation of various invasive and non-invasive diagnostic procedures), treatment modalities including cosmetic surgery and nursing interventions in selected pediatric surgical problems/ Disorders 		
		<ul style="list-style-type: none"> • 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 malformation,omphalocele, diaphragmatic hernia 	5	41-45
		<ul style="list-style-type: none"> • Anomalies of the nervous system: Spina bifida, Meningocele, Myelomeningocele, hydrocephalus 	5	46-50
		<ul style="list-style-type: none"> • Anomalies of the genito-urinary system: Hypospadias, Epispadias, Undescended testes, Exstrophy bladder 	5	51-55
		<ul style="list-style-type: none"> • Anomalies of the skeletal system 	5	56-60
		<ul style="list-style-type: none"> • Eye and ENT disorders 	5	61-65
		<ul style="list-style-type: none"> • Nursing management of the child with traumatic injuries: General principles of managing Pediatric trauma Head injury, abdominal injury, poisoning, foreign Body obstruction, burns- & Bites 	5	66-70
		<ul style="list-style-type: none"> • 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 	5	71-75

IV	10	<p>Intensive care for pediatric clients</p> <ul style="list-style-type: none"> ○ Resuscitation, stabilization & monitoring of pediatric Patients ○ Anatomical & physiological basis of critical illness in infancy and childhood ○ Care of child requiring long-term ventilation ○ Nutritional needs of critically ill child ○ Legal and ethical issues in pediatric intensive care ○ Intensive care procedures, equipment and techniques ○ Documentation 	<p>2</p> <p>2</p> <p>1</p> <p>1</p> <p>2</p> <p>1</p> <p>1</p>	<p>76-77</p> <p>78-79</p> <p>80</p> <p>81</p> <p>82-83</p> <p>84</p> <p>85</p>
V	20	<p>High Risk Newborn</p> <p>Concept, goals, assessment, principles .Nursing management of</p> <ul style="list-style-type: none"> • Post-mature infant and baby of diabetic and substance use mothers. • Respiratory conditions, Asphyxia neonatorum, neonatal Apnoea, meconium aspiration syndrome, pneumo thorax,pneumo mediastinum • Icterus neonatorum. • Birth injuries. • Hypoxic ischaemic 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 	<p>1</p> <p>2</p> <p>1</p> <p>1</p> <p>1</p> <p>2</p> <p>1</p> <p>1</p> <p>2</p> <p>1</p> <p>2</p>	<p>86</p> <p>87-88</p> <p>89</p> <p>90</p> <p>91</p> <p>92-93</p> <p>94</p> <p>95</p> <p>96-97</p> <p>98</p> <p>99-100</p>

		<ul style="list-style-type: none"> • Advanced neonatal procedures. • Calculation of fluid requirements. • Hematological conditions – erythroblastosis fetalis, hemorrhagic disorder in the newborn • Organization of neonatal care, services(Levels), transport, neonatal intensive care unit, organization and management of nursing services in NICU 	2 1 1 1	101-102 103 104 105
VI	10	<p>Developmental disturbances and implications for nursing</p> <ul style="list-style-type: none"> ○ Adjustment reaction to school, ○ Learning disabilities ○ Habit disorders, speech disorders, ○ Conduct disorders, ○ Early infantile autism, Attention deficit hyperactive ○ Disorders (ADHD), depression and childhood schizophrenia. 	1 2 2 2 2 1	106 107-108 109-110 111-112 113-114 115
VII	10	<p>Challenged child and implications for nursing</p> <ul style="list-style-type: none"> ○ Physically challenged, causes, features, early detection & management ○ Cerebral palsied child, ○ Mentally challenged child. ○ Training & rehabilitation of challenged children 	3 2 2 3	116-118 119-120 121-122 123-125
VIII	5	<p>Crisis and nursing intervention</p> <ul style="list-style-type: none"> ○ The hospitalized child, ○ Terminal illness & death during childhood ○ Nursing intervention-counseling 	2 2 1	126-127 128-129 130
IX	5	Drugs used in Pediatrics		

		<ul style="list-style-type: none"> ○ Criteria for dose calculation ○ Administration of drugs, oxygen and blood ○ Drug interactions ○ Adverse effects and their management 	<p>1</p> <p>2</p> <p>1</p> <p>1</p>	<p>131</p> <p>132-133</p> <p>134</p> <p>135</p>
X	10	Administration and management of pediatric care unit <ul style="list-style-type: none"> ○ Design & layout ○ Staffing, ○ Equipment, supplies, ○ Norms, policies and protocols ○ Practice standards for pediatric care unit ○ Documentation 	<p>2</p> <p>2</p> <p>2</p> <p>2</p> <p>1</p> <p>1</p>	<p>136-137</p> <p>138-139</p> <p>140-141</p> <p>142-143</p> <p>144</p> <p>145</p>
XI	5	Education and training in Pediatric care <ul style="list-style-type: none"> ○ Staff orientation, training and development, ○ In-service education program, ○ Clinical teaching programs. 	<p>2</p> <p>2</p> <p>1</p>	<p>146-147</p> <p>148-149</p> <p>150</p>

BIBLIOGRAPHY

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 11. David Hull & Johnstan D; “ Essentials Of Paediatrics” Churchill Livingstone
 12. Elizabeth Hurlock; “ Child Development”
 13. Ghai O P; “ Essential Text Book Of Paediatrics” Jaypee Brothers
 14. Ghosh Shanti; “ Nutrition and child care” Jaypee Brothers
 15. Ghosh Shanti; “ Know your child” Jaypee Brothers
 16. Gupte Suraj; “ Neonatal Emergencies” Jaypee Brothers
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1 Pediatric Today.

Evaluation Theory Practical Theory

Midterm exam- 50 marks

Prefinal exam- 75 marks

Average out of 25 for internal assessment

University paper- 75 marks

Practical

Midterm exam- 50 marks

Prefinal exam- 100 marks

Clinical assignment- 850

Average out of 100 for internal assessment