

DEPARTMENT OF PAEDIATRICS
VIII SEM(2020BATCH) (06.05.2024 to 17.09.2024)
Lectures: Mon 2-3 PM, Sat 9- 10 AM Internal Assessment: Mon 8-10 am,

Sl. No	DATE & DAY	TOPIC	COMPETENCY NO	COMPETENCY	MODE (L/S/I)	INTEGRATION (HI/VI)	FACULTY
1	06.05.24 (MON)	Growth and development (part 1)	PE 1.1 PE 1.2 PE 1.3	1. Define the terminologies Growth and Development and Discuss the factors affecting normal growth and development 2. Discuss and Describe the patterns of growth in infants, children and adolescents 3. Discuss and Describe the methods of assessment of growth including use of WHO and Indian national standards. Enumerate the parameters used for assessment of physical growth in infants, children and adolescents	L	NONE	Dr. Nishanth
2	11.05.24 (SAT)	Growth and development (part 2)	PE 1.5 PE 1.6	4. Define development and Discuss the normal developmental milestones with respect to motor, behavior, social, adaptive and language 5. Discuss the methods of assessment of development.	L	NONE	Dr. Priya
3	13.05.24 (MON)	Growth disorders	PE 2.1 PE 2.4 PE 2.6	6. Discuss the etiopathogenesis, clinical features and management of a child who fails to thrive 7. Discuss the etiopathogenesis, clinical features and management of a child with short stature 8. Enumerate the referral criteria for growth related problems	L	NONE	Dr. Nandini
4	18.05.24 (SAT)	Behaviour and learning disorders	PE 4.1 PE 4.2 PE 4.3 PE 4.4 PE 4.5	9. Discuss the causes and approach to a child with scholastic backwardness 10. Discuss the etiology, clinical features, diagnosis and management of a child with learning disabilities 11. Discuss the etiology, clinical features, diagnosis and management of a child with Attention Deficit Hyperactivity Disorder (ADHD) 12. Discuss etiology, clinical features, diagnosis and management of a child with autism 13. Discuss the role of Child Guidance Clinic in children with Developmental problems	I	HI Psychiatry	Dr. Nivya
5	20.05.24 (MON)	Developmental disorders	PE 3.1 PE 3.10 PE 3.2 PE 3.5 PE 3.6	14. Define, Enumerate and Discuss the causes of developmental delay and disability including intellectual disability in children 15. Discuss the etiopathogenesis, clinical features and management of Mental retardation in children 16. Discuss the approach to a child with developmental delay 17. Discuss the role of the child developmental unit in management of developmental delay 18. Discuss the referral criteria for children with developmental delay	L	NONE	Dr. Priya
6	25.05.24 (SAT)	Habit disorders	PE 5.1 PE 5.2 PE 5.3 PE 5.4 PE 5.5 PE 5.6 PE 5.7 PE 5.8 PE 5.9 PE 5.10	19. Describe the clinical features, diagnosis and management of thumb sucking 20. Describe the clinical features, diagnosis and management of feeding problems 21. Describe the clinical features, diagnosis and management of nail-biting 22. Describe the clinical features, diagnosis and management of breath holding spells. 23. Describe the clinical features, diagnosis and management of temper tantrums 24. Describe the clinical features, diagnosis and management of pica 25. Describe the clinical features, diagnosis and management of fussy infant 26. Discuss the etiology, clinical features and management of enuresis. 27. Discuss the etiology, clinical features and management of Encopresis. 28. Discuss the role of child guidance clinic in children with behavioural problems and the referral criteria	I	HI Psychiatry	Dr. Uma
1	10.06.24 (MON)	Adolescent health	PE 6.1 PE 6.2	29. Define Adolescence and stages of adolescence 30. Describe the physical, physiological and psychological changes during adolescence (Puberty)	I	VI Forensic Medicine	Dr. Nandini

			PE 6.3 PE 6.4 PE 6.5 PE 6.6 PE 6.7 PE 6.10 PE 6.12 PE 6.13 PE 27.29	31. Discuss the general health problems during adolescence 32. Describe adolescent sexuality and common problems related to it 33. Explain the Adolescent Nutrition and common nutritional problem 34. Discuss the common Adolescent eating disorders (Anorexia nervosa, Bulimia) 35. Describe the common mental health problems during adolescence 36. Discuss the objectives and functions of AFHS (Adolescent Friendly Health Services) and the referral criteria 37. Enumerate the importance of obesity and other NCD in adolescents 38. Enumerate the prevalence and the importance of recognition of sexual drug abuse in adolescents and children 39. Discuss the common causes, clinical presentation, medico-legal implications of abuse			
2	15.06.24 (SAT)	Breastfeeding & Complementary feeding	PE 7.1 PE 7.2 PE 7.3 PE 7.4 PE 7.6 PE 8.1 PE 8.2 PE 8.3	40. Awareness on the cultural beliefs and practices of breastfeeding 41. Explain the Physiology of lactation 42. Describe the composition and types of breast milk and Discuss the differences between cow's milk and Human milk 43. Discuss the advantages of breastmilk 44. Enumerate the baby friendly hospital initiatives 45. Define the term Complementary Feeding 46. Discuss the principles, the initiation, attributes, frequency, technique and hygiene related to complementary feeding including IYCF 47. Enumerate the common complimentary foods	I	VI Physiology HI OBG & PSM	Dr. Janani
3	22.06.24 (SAT)	Protein energy malnutrition	PE 10.1 PE 10.2 PE 10.6	48. Define and Describe the etiopathogenesis, classify including WHO classification, clinical features, complication and management of severe acute malnourishment (SAM) and moderate acute Malnutrition (MAM) 49. Outline the clinical approach to a child with SAM and MAM 50. Enumerate the role of locally prepared therapeutic diets and ready to use therapeutic diets	I	VI – PSM & Nutrition department	Dr. Peter
	24.06.24 (MON)			INTERNAL ASSESSMENT			Dr. Priya/ Peter
4	24.06.24 (MON)	Immunization (1)	PE 19.1 PE 19.2 PE 19.3 PE 19.4	51. Explain the components of the Universal Immunization Program (UIP) and the National Immunization Program (NIP) 52. Explain the epidemiology of vaccine preventable diseases (VPDs) 53. Vaccine description with regard to classification of vaccines, strain used, dose, route, schedule, risks, benefits and side effects, indications and contraindications 54. Define cold chain and discuss the methods of safe storage and handling of vaccines	I	VI PSM	Dr. Gowshika
5	29.06.24 (SAT)	Immunization (2)	PE 19.5 PE 19.8 PE 19.9 PE 19.16	55. Discuss immunization in special situations – HIV positive children, immunodeficiency, pre-term, organ transplants, those who received blood and blood products, splenectomised children, adolescents, and travelers 56. Demonstrate willingness to participate in the national and subnational immunization days 57. Describe the components of safe vaccine practice – Patient education/ counselling; adverse events following immunization, safe injection practices, documentation and medico-legal implications 58. Enumerate available newer vaccines and their indications including pentavalent pneumococcal, rotavirus, JE, typhoid IPV & HPV	I	VI PSM	Dr. Gowshika
1	01.07.24 (MON)	Normal newborn	PE 20.1 PE 20.2	59. Define the common neonatal nomenclatures including the classification and describe the characteristics of a Normal Term Neonate and High Risk Neonates 60. Explain the care of a normal neonate	L	NONE	Dr. Priya

2	06.07.24 (SAT)	Neonatology Part I	PE 20.7 PE 20.8 PE 20.9 PE 20.10	61. Discuss the etiology, clinical features and management of Birth asphyxia 62. Discuss the etiology, clinical features and management of respiratory distress in Newborn including meconium aspiration and transient tachypnea of newborn. 63. Discuss the etiology, clinical features and management of birth injuries. 64. Discuss the etiology, clinical features and management of hemorrhagic disease of newborn	I	HI OBG	Dr. Nishanth
3	08.07.24 (MON)	Neonatology Part II	PE 20.11 PE 20.12 PE 20.13 PE 20.14 PE 20.15 PE 20.16 PE 20.19	65. Discuss the clinical characteristics, complications and management of low birth weight (preterm and small for gestation). 66. Discuss the temperature regulation in neonates, clinical features and management of Neonatal Hypothermia. 67. Discuss the etiology, clinical features and management of Neonatal hypoglycemia. 68. Discuss the etiology, clinical features and management of Neonatal hypocalcemia. 69. Discuss the etiology, clinical features and management of neonatal seizures. 70. Discuss the etiology, clinical features and management of neonatal sepsis. 71. Discuss the etiology, clinical features and management of Neonatal hyperbilirubinemia.	L	NONE	Dr. Nishanth
4	13.07.24 (SAT)	Viral infections	PE 34.15 PE 34.18	72. Enumerate the common causes of fever and discuss the etiopathogenesis, clinical features, complications and management of child with exanthematous illness like Measles, Mumps, Rubella & Chicken pox 73. Enumerate the common causes of fever and discuss the etiopathogenesis, clinical features, complications and management of child with Dengue, Chikungunya and other vector borne diseases	I	NONE	Dr. Peter
5	15.07.24 (MON)	Bacterial infections	PE 34.17 PE 34.20 PE 34.16	74. Enumerate the common causes of fever and discuss the etiopathogenesis, clinical features, complications and management of child with Typhoid 75. Enumerate the common causes of fever and discuss the etiopathogenesis, clinical features, complications and management of child with Rickettsial diseases 76. Enumerate the common causes of fever and discuss the etiopathogenesis, clinical features, complications and management of child with Diphtheria, Pertussis, Tetanus	I	NONE	Dr. Srivijaya Lakshmi
6	20.07.24 (SAT)	Poisoning and toxicity (1)	PE 27.8 PE 14.1 PE 14.2 PE 14.3	77. Discuss the common types, clinical presentations and management of poisoning in children 78. Discuss the risk factors, clinical features, diagnosis and management of Lead Poisoning 79. Discuss the risk factors, clinical features, diagnosis and management of Kerosene aspiration 80. Discuss the risk factors, clinical features, diagnosis and management of Organophosphorus poisoning	I	VI PHARA MACOL OGY	Dr. Nanmaaran
7	22.07.24 (MON)	Poisoning and toxicity (2)	PE 14.4 PE 14.5	81. Discuss the risk factors, clinical features, diagnosis and management of Paracetamol poisoning 82. Discuss the risk factors, clinical features, diagnosis and management of Oxygen toxicity	L	NONE	Dr. Sreedeeep
8	27.07.24 (SAT)	Fluid and electrolyte balance	PE 15.1 PE 15.2	83. Discuss the fluid and electrolyte requirement in health and disease 84. Discuss the clinical features and complications of fluid and electrolyte imbalance and outline the management	L	NONE	Dr. Sreedeeep
	29.07.24 (MON)			INTERNAL ASSESSMENT			
9	29.07.24 (MON)	Paediatric Tuberculosis	PE 34.1 PE 34.2 PE 34.3	85. Discuss the epidemiology, clinical features, clinical types, complications of Tuberculosis in Children and Adolescents 86. Discuss the various diagnostic tools for childhood tuberculosis 87. Discuss the various regimens for management of Tuberculosis as per National	I	VI PSM HI Pulmonar y	Dr. Nandini

			PE 34.4 PE 34.13	Guidelines 88. Discuss the preventive strategies adopted and the objectives and outcome of the National Tuberculosis Program 89. Enumerate the newer diagnostic tools for Tuberculosis including BACTEC CBNAAT and their indications		Medicine	
1	03.08.24 (SAT)	IMNCI	PE 27.1 PE 16.1	90. List the common causes of morbidity and mortality in the under five children 91. Explain the components of Integrated Management of Neonatal and Childhood Illnesses (IMNCI) guidelines and method of Risk stratification	I	VI PSM	Dr. Gowshika
2	05.08.24 (MON)	Upper Respiratory Infections	PE 28.1 PE 28.2 PE 28.3 PE 28.4 PE 28.5 PE 28.6 PE 28.7 PE 28.8	92. Discuss the etiopathogenesis, clinical features and management of Naso pharyngitis 93. Discuss the etiopathogenesis of Pharyngotonsillitis 94. Discuss the clinical features and management of Pharyngotonsillitis 95. Discuss the etiopathogenesis, clinical features and management of Acute Otitis Media (AOM) 96. Discuss the etiopathogenesis, clinical features and management of Epiglottitis 97. Discuss the etiopathogenesis, clinical features and management of Acute laryngotracheobronchitis 98. Discuss the etiology, clinical features and management of Stridor in children 99. Discuss the types, clinical presentation, and management of foreign body aspiration in infants and children	I	VI ENT	Dr. Srivijaya Lakshmi
3	10.08.24 (SAT)	Allergy	PE 31.1 PE 31.3 PE 31.12 PE 31.5 PE 28.19 PE 28.20 PE 31.8 PE 31.10	100. Describe the etiopathogenesis, management and prevention of Allergic Rhinitis in Children 101. Describe the etiopathogenesis, clinical features and management of Atopic dermatitis in Children 102. Discuss the etiopathogenesis, clinical features, complications and management of Urticaria Angioedema. 103. Discuss the etiopathogenesis, clinical types, presentations, management and prevention of childhood Asthma 104. Describe the etiopathogenesis, diagnosis, clinical features, management and prevention of asthma in children 105. Counsel the child with asthma on the correct use of inhalers in a simulated environment 106. Enumerate the criteria for referral in a child with asthma 107. Enumerate the indications for PFT.	I	HI pulmonary medicine	Dr. Nanmaaran
4	12.08.24 (MON)	Approach to wheezing and status asthmaticus	PE 27.3 PE 27.4	108. Describe the etiopathogenesis of respiratory distress in children 109. Describe the clinical approach and management of respiratory distress in children	L	NONE	Dr. Sreedeeep
5	17.08.24 (SAT)	Acute Diarrhea and Oral Rehydration Therapy	PE 24.1 PE 24.2 PE 24.3 PE 24.4 PE 24.5	110. Discuss the etiopathogenesis, classification, clinical presentation and management of diarrheal diseases in children. 111. Discuss the classification and clinical presentation of various types of diarrheal dehydration 112. Discuss the physiological basis of ORT, types of ORS and the composition of various types of ORS in children 113. Discuss the types of fluid used in Pediatric diarrheal diseases and their composition 114. Discuss the role of antibiotics, antispasmodics, anti-secretory drugs, probiotics, anti-emetics in acute diarrheal diseases	L	NONE	Dr. Peter
6	19.08.24 (MON)	Chronic& Persistent diarrhea Dysentery	PE 24.6 PE 24.7	115. Discuss the causes, clinical presentation and management of persistent diarrhea in children 116. Discuss the causes, clinical presentation and management of chronic diarrhea in children.	L	NONE	Dr. Srivijaya Lakshmi

			PE 24.8 PE 25.1	117. Discuss the causes, clinical presentation and management of dysentery in children 118. Discuss the etiopathogenesis, clinical presentation and management of Malabsorption in Children and its causes including celiac disease.			
7	24.08.24 (SAT)	Acute viral Hepatitis/ Fulminant hepatitis failure	PE 26.1 PE 26.2	119. Discuss the etiopathogenesis, clinical features and management of acute hepatitis in children 120. Discuss the etiopathogenesis, clinical features and management of Fulminant Hepatic Failure in children	I	NONE	Dr. Una
8	26.08.24 (MON)	Chronic liver failure and Portal Hypertension	PE 26.3 PE 26.4 PE 26.11 PE 26.12	121. Discuss the etiopathogenesis, clinical features and management of chronic liver diseases in children. 122. Discuss the etiopathogenesis, clinical features and management of Portal Hypertension in children 123. Enumerate the indications for Upper GI endoscopy 124. Discuss the prevention of Hep B infection – Universal precautions and Immunization	I	HI Gastroenterology	Dr. Uma
9	31.08.24 (SAT)	Paed surgery I	PE 20.20	125. Identify clinical presentations of common surgical conditions in the newborn including TEF, esophageal atresia, anal atresia, cleft lip and palate, congenital diaphragmatic hernia	I	HI Paediatric surgery	Dr. Janani
	02.09.24 (MON)			INTERNAL ASSESSMENT			Dr. Priya/ Peter
1	02.09.24 (MON)	Paed surgery II		126. Discuss approach to a child with acute abdomen (Appendicitis, Pancreatitis, Cholecystitis)		NONE	Dr. Janani
2	09.09.24 (MON)	Acute Leukemia and Oncological emergencies	PE 29.8 PE 29.9	127. Discuss the etiology, clinical presentation and management of Acute Lymphoblastic Leukemia in Children. 128. Discuss the etiology, clinical presentation and management of Lymphoma in children.	I	VI Pathology	Dr. Srivijaya Lakshmi
3	17.09.24 (SAT)	Disorders of skin and drug eruptions		129. Discuss common skin problems in children		NONE	Dr. Nivya

Dr. Peter Prasanth Kumar. K
Professor & HOD
Department of Paediatrics