

PONDICHERY INSTITUTE OF MEDICAL SCIENCES									
DEPARTMENT OF PAEDIATRICS									
2021 BATCH VISEMSTER THEORY SCHEDULE ( 08.04.204 – 10.08.2024) TIME: 9 – 10 AM									
DATE	DAY	TOPI C No	TOPIC	COMPE TENCY NO	COMPETENCIES	MO DE (L/S/ I)	HARD EN'S STEP (S/C/N )	INTEGRATIO N (HI/VI)	FACULTY
09.04.2024	Tuesday	1.	Introduction to Pediatrics		<ul style="list-style-type: none"> <li>Introduction to faculty to the students, get the goals &amp; get the commitment from students</li> </ul>	L		NONE	Peter
11.04.2024	Thursday	2.	Growth – part 1	PE 1.1 PE1.2	<ol style="list-style-type: none"> <li>Define the terminologies Growth and Development and Discuss the factors affecting normal growth and development</li> <li>Discuss and Describe the patterns of growth in infants, children and adolescents</li> </ol>	L		NONE	Nishanth
16.04.2024	Tuesday	3.	Growth -part 2	PE1.3	<ol style="list-style-type: none"> <li>Discuss and Describe the methods of assessment of growth including use of WHO and Indian national standards.</li> <li>Enumerate the parameters used for assessment of physical growth in infants, children and adolescents</li> </ol>	L		NONE	Nanmaaran
18.04.2024	Thursday	4.	Principles of Development	PE1.5	<ol style="list-style-type: none"> <li>Define development and Discuss the normal developmental milestones with respect to motor, behavior, social, adaptive and language</li> </ol>	L		NONE	Gowshika
23.04.2024	Tuesday	5.	Developmental screening & assessment	PE1.6	<ol style="list-style-type: none"> <li>Discuss the methods of assessment of development.</li> </ol>	L		NONE	Priya
25.04.2024	Thursday	6.	Composition of body fluids & requirement Fluid requirement in common diseases	PE 15.1 PE15.1.1	<ol style="list-style-type: none"> <li>Discuss the fluid and electrolyte requirement in health and disease</li> <li>Describe the fluid requirements in common diseases of children</li> </ol>	I	S	VI Physiology	Vijayalakshmi
30.04.2024	Tuesday	7.	Intravenous fluid management and Shock	PE15.2 PE27.24	<ol style="list-style-type: none"> <li>Discuss the clinical features and complication of fluid and electrolyte imbalance and outline the management</li> <li>Describe the etiopathogenesis, clinical approach and management of Shock in children</li> </ol>	S		NONE	Sreedeeep
02.05.2024	Thursday	8.	Acute Diarrhea	PE 24.1 PE 24.2 PE24.3 PE24.4 PE24.5	<ol style="list-style-type: none"> <li>Discuss the etiopathogenesis, classification, clinical presentation and management of diarrheal diseases in children.</li> <li>Discuss the classification and clinical presentation of various types of diarrheal dehydration</li> <li>Discuss the physiological basis of ORT, types of ORS and the composition of various types of ORS in children</li> <li>Discuss the types of fluid used in Pediatric diarrheal diseases and their composition</li> <li>Discuss the role of antibiotics, antispasmodics, anti-secretory drugs, probiotics, anti-emetics in acute diarrheal diseases</li> </ol>	I	S	VI PSM	Peter

07.05.2024	Tuesday	9.	Breast feeding	PE7.1 PE7.2 PE7.3 PE 7.4 PE7.6	16. Awareness on the cultural beliefs and practices of breastfeeding 17. Explain the Physiology of lactation 18. Describe the composition and types of breast milk and discuss the differences between cow's milk and Human milk 19. Discuss the advantages of breast milk 20. Enumerate the baby friendly hospital initiatives	L		NONE	Janani
09.05.2024	Thursday	10.	Complementary feeding	PE 8.1 PE 8.2 PE8.3	21. Define the term Complementary Feeding 22. Discuss the principles, the initiation, attributes, frequency, technique and hygiene related to complementary feeding including IYCF 23. Enumerate the common complimentary foods	L		NONE	Bhavani
14.05.2024	Tuesday	11.	Nutrition part 1	PE 9.1 PE 9.3	24. Describe the age-related nutritional needs of infants, children and adolescents including micronutrients and vitamins 25. Explains the calorific value of common Indian foods	I	S	VI – PSM & Nutrition	Uma
16.05.2024	Thursday	12.	Nutrition part 2	PE9.2	26. Describe the tools and methods for assessment and classification of nutritional status of infants, children and adolescents	I	S	VI- PSM & Nutrition	Nishanth
21.05.2024	Tuesday	13.	Vitamin part 1	PE 12.1 PE12.2 PE12.5	27. Discuss the RDA, dietary sources of Vitamin A and their role in health and disease 28. Describe the cause, clinical features, diagnosis and management of deficiency/ excess of vitamin A 29. Discuss the Vitamin A prophylaxis program and their Recommendations	S		NONE	Nanmaran
23.05.2024	Thursday	14.	Vitamin part 2	PE 12.6 PE12.7 PE12.10	30. Discuss the RDA, dietary sources of Vitamin D and its role in health and disease 31. Describe the causes, clinical features, diagnosis and management of vitamin D deficiency (VDD)/ excess (Rickets & Hypervitaminosis D) 32. Discuss the role of screening for Vitamin D deficiency	S		NONE	Peter
11.06.2024	Tuesday	15.	Vitamin part 3	PE12.11 PE12.2	33. Discuss the RDA, dietary sources of Vitamin E and its role in health and disease 34. Describe the causes, clinical features, diagnosis and management of deficiency of Vitamin E	SDL		NONE	Nivya
13.06.2024	Thursday	16.	Micronutrients part 1	PE31.1 PE13.2 PE13.6	35. Discuss the RDA, dietary sources of Iron and their role in health and disease 36. Describe the causes, diagnosis and management of Iron deficiency 37. Discuss the National anemia control program and its recommendations	S		NONE	Janani
18.06.2024	Tuesday	17.	Micronutrients part 2	PE13.7 PE13.8	38. Discuss the RDA, dietary sources of Iodine and its role in Health and disease 39. Describe the causes, diagnosis and management of deficiency of	SDL		NONE	Janani

				PE 13.10	Iodine 40. Discuss the National Goiter Control program and its recommendations				
20.06.2024	Thursday	18.	Micronutrients part 3	PE13.11 PE13.12 PE13.3 PE13.4	41. Discuss the RDA, dietary sources of Calcium and its role in health and disease 42. Describe the causes, clinical features, diagnosis and management of Calcium Deficiency 43. Discuss the RDA, dietary sources of Magnesium and their role in health and disease 44. Describe the causes, clinical features, diagnosis and management of Magnesium Deficiency	S		NONE	Nandhini
25.06.2024	Tuesday	19.	IMNCI	PE27.1 PE16.1	45. List the common causes of morbidity and mortality in the under five children 46. Explain the components of Integrated Management of Neonatal and Childhood Illnesses (IMNCI) guidelines and method of Risk stratification	I	S	VI-PSM	Nishanth
27.06.2024	Thursday	20.	National Health programs-Part 1	PE17.1	47. State the vision and outline the goals, strategies and plan of action of NHM and other important national programs pertaining to maternal and child health including RMNCH A+,	I	S	VI- PSM	Nivya
02.07.2024	Tuesday	21.	RCH	PE18.1	48. List and explain the components, plan, outcome of Reproductive Child Health (RCH) program and appraise its monitoring and evaluation	I	S	VI PSM	Nandhini
04.07.2024	Thursday	22.	National Health programs-Part 2	PE17.1	49. State the vision and outline the goals, strategies and plan of action of RBSK, RKSK, JSSK, mission Indradhanush and ICDS	I	C	VI - PSM	Nandhini
09.07.2024	Tuesday	23.	Immunization part 1	PE 19.1 PE19.2	50. Explain the components of the Universal Immunization Program (UIP) and the National Immunization Program (NIP) 51. Explain the epidemiology of vaccine preventable diseases (VPDs)	L		NONE	Gowshika
11.07.2024	Thursday	24.	Immunization part 2	PE 19.3 PE19.4	52. Vaccine description with regard to classification of vaccines, strain used, dose, route, schedule, risks, benefits and side effects, indications and contraindications 53. Define cold chain and discuss the methods of safe storage and handling of vaccines	L		NONE	Gowshika
16.07.2024	Tuesday	25.	Fever	PE 34.14	54. Enumerate the common causes of fever and discuss the etiopathogenesis, clinical features, complications and management of a child with fever.	L		NONE	Priya
18.07.2024	Thursday	26.	Viral infections part 1	PE 34.15	55. 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	L		NONE	Priya
23.07.2024	Tuesday	27.	Viral infections part 2	PE34.18	56. 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	L		NONE	Vijayalakshmi
25.07.2024	Thursday	28.	Bacterial infections part 1	PE 34.17	57. Enumerate the common causes of fever and discuss the etiopathogenesis, clinical features, complications and management of child with Typhoid	L		NONE	Vijayalakshmi
30.07.2024	Tuesday	29.	Bacterial infections part 2	PE34.20	58. Enumerate the common causes of fever and discuss the etiopathogenesis, clinical features, complications and management of	L		NONE	Nivya

					child with Rickettsial diseases				
01.08.2024	Thursday	30.	Bacterial infections part 3	PE34.16	59. Enumerate the common causes of fever and discuss the etiopathogenesis, clinical features, complications and management of child with Diphtheria, Pertussis, Tetanus	SDL		NONE	Uma
06.08.2024	Tuesday	31.	Protozoal and Helminthic diseases	PE 34.19	60. Enumerate the common causes of fever and discuss the etiopathogenesis, clinical features, complications and management of children with Common Parasitic Infections, malaria, leishmaniasis, filariasis, helminthic infestations, amebiasis, giardiasis	I	S	VI - PATHOLOGY & MICROBIOLOGY	Uma
08.08.2024	Thursday	32.	Pediatric TB	PE 34.1 PE34.2 PE34.13 PE 34.3 PE 34.4	61. Discuss the epidemiology, clinical features, clinical types, complications of Tuberculosis in Children and Adolescents 62. Discuss the various diagnostic tools for childhood tuberculosis 63. Enumerate the newer diagnostic tools for Tuberculosis including BACTEC CBNAAT and their indications 64. Discuss the various regimens for management of Tuberculosis as per National Guidelines 65. Discuss the preventive strategies adopted and the objectives and outcome of the National Tuberculosis Program 66.	I	S	HI-PULMONARY MEDICINE	Nanmaran

**HARDEN'S STEP (S: Sharing/C: Correlation/N: Nesting)**