

Pondicherry Institute of Medical Sciences											
(A Unit of The Madras Medical Mission)											
OBSTETRICS & GYNAECOLOGY											
2022 Batch Theory Schede											
Date	Day	Timings	Competancy No	Competancy	Integration / Nesting Horizontal / Vertical	Teaching Learning Methods	Hours taken	Faculty 1	Faculty 2	Faculty 3	Faculty 4
18-03-2025	Tue	8-9		Introduction to faculty Paediatrics & Paediatrics		L	1	Dr. Peter			
19-03-2025	Wed	8-9	PE 1.1 PE 1.2	Define the terminologies Growth and Development and Discuss the factors affecting normal growth and development Discuss and Describe the patterns of growth in infants, children and adolescents		L	1	Dr. Priya			
25-03-2025	Tue	8-9	PE 1.3	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		SDL	1	Dr. Priya			
26-03-2025	Wed	8-9	PE 1.5	Define development and Discuss the normal developmental milestones with respect to motor, behavior, social, adaptive and language		L	1	Dr. Priya			
Date	Timings	Competancy No	Competancy	Teaching Learning Methods	Hours taken	Faculty 1	Faculty 2	Faculty 3	Clerkship		
BATCH A1											
17.03.2025	10.15- 11.15		Introduction	DOAP	1	Dr.Peter			2-5		
	11.30 - 1	23.8. PE23	CVS examination 1 Identify external markers of a cardiac disease e.g. Cyanosis, Clubbing, dependent edema, dental caries, arthritis, erythema rash, chorea, subcutaneous nodules, Osler's node, Janeway lesions and document 2.Record pulse, blood pressure, temperature and respiratory rate and interpret as per the age.	Bed side	1.5	Dr. Vimal					
18.03.2025	10.15- 11.15		A1.Case Presentation Paed	Bed side	1	Dr.Nandhini			7-10		
	11.30 - 1	PE23.10	CVS examination 2 1.Perform independently examination of the cardiovascular system –look for precordial bulge, pulsations in the precordium, JVP and its significance in children and infants, relevance of percussion in Pediatric examination, Auscultation and other system examination and document	Bed side	1.5	Dr.Monica					
	10.15- 11.15	PE1.7. P	Certifications: Perform anthropometric measurements, document in growth charts and interpret Perform developmental assessment and Interpret Observe the correct technique of breast Feeding and distinguish right from wrong techniques	DOAP	1	Dr. Priya	Dr.Nishant	Dr.Peter			

19.03.2025	11.30 - 1	PE30.10	CNS examination 1 Demonstrate the correct method for physical examination of CNS including identification of external markers. Document and present including identification of external markers. Document and present clinical findings	Bed side	1.5	Dr. Bhavani			11-14
	10.15- 11.15	PE 27.21	Certifications: 1.Check for signs of shock i.e. pulse, Blood pressure, CRT. 2.Choose the type of fluid and calculate the fluid requirement in shock. 3.Assess for signs of severe dehydration	Skill Lab	1	Dr.Priya	Dr.Nishant	Dr.Peter	
20.03.2025	11.30 - 1	PE30.21	CNS examination 2 1.Analyse symptoms and interpret physical findings and propose a provisional / differential diagnosis. 2. Interpret and explain the findings in a CSF analysis 3. Enumerate the indication and discuss the limitations of EEG, CT, MRI. 4. Perform in a mannequin lumbar puncture. 5.Discuss the indications,contraindication of the procedure	Skill Lab	1.5	Dr.Nivya			15-18
	10.15- 11.15		A1. Case Presentation Newborn	Bed side	1	Dr.Nishanth			
21.03.2025	11.30 - 1	PE20.3	Newborn 1. Perform Neonatal resuscitation in a manikin	Skill Lab	1.5	Dr.Uma			19-23
	10.15- 11.15		A1. Case Presentation Newborn	Bed side	1	Dr.Uma			
24.03.2025	11.30 - 1	5. PE20.6	Newborn 2 1.Assessment of a normal neonate. 2.Counsel / educate mothers on the care of neonates. 3. Explain the follow up care for neonates including Breast Feeding, Temperature maintenance, immunization, importance of growth monitoring and red flags. 4. Identify and stratify risk in a sick neonate using IMNCI guidelines	Bed side	1.5	Dr.Nandhini			24-28
	10.15- 11.15	19.6. PE 33	Certifications: Assess patient for fitness for immunization and prescribe an age-appropriate immunization schedule. Perform and interpret urine dip stick for sugar	Bed side	1	Dr.Priya	Dr.Nishanth		
25.03.2025	11.30 - 1	PE26.7	GI Examination 1 1. Identify external markers for GI and Liver disorders e.g.. Jaundice,Pallor, Gynaecomastia, Spider angioma, Palmar erythema,Icthyosis, Caput medusa, Clubbing, Failing to thrive, Vitamin A and D deficiency 2. Perform examination of the abdomen, demonstrate organomegaly,ascites etc. 2.Analyse symptoms and interpret physical signs to make a provisional/ differential diagnosis	Bed side	1.5	Dr.Harini	Dr.Viji		2-5
	10.15- 11.15	PE 27.15	Certifications: Assess airway and breathing : recognize signs of severe respiratory distress. Check for cyanosis, severe chest indrawing, grunting. Assess airway and breathing: administer oxygen using correct technique and appropriate flow rate	Skill Lab	1	Dr. Nishanth	Dr.Peter		
26.03.2025	11.30 - 1	PE26.10	GI Examination 2 1.Interpret Liver Function Tests, viral markers, ultra sonogram report. 2.Enumerate the indications for Upper GI endoscopy. 3.Counsel and educate patients and their family appropriately on liver disease	DOAP	1.5	Dr. Vimal	Dr.Monica		7-10
	10.15- 11.15		Case Presentation Paediatrics	Bed side	1	Dr.Priya			
27.03.2025	11.30 - 1	E24.11. PE2	Diarrhea 1.Elicit, document and present history pertaining to diarrheal diseases. 2. Assess for signs of dehydration, document and present. 3.Apply the IMNCI guidelines in risk stratification of children with diarrheal dehydration and refer 4.Perform and interpret stool examination including Hanging Drop. 5. Interpret RFT and electrolyte report. Plan fluid management as per the WHO criteria	Bed side	1.5	Dr. Monica			11-14
	10.15- 11.15		A1. Case Presentation Newborn	Bed side	1	Dr.Peter			
28.03.2025	11.30 - 1	3 PE28.14	Respiratory examination 1 1.Elicit, document and present age appropriate history of a child with upper respiratory problem including Stridor. 2.Perform otoscopic examination of the ear. 3. Perform throat examination using tongue depressor 4. Perform examination of the nose. 5. Analyse the clinical symptoms and interpret physical findings and make a provisional / differential diagnosis in a child with ENT symptoms. 6. Develop a treatment plan and document appropriately in a child with upper respiratory symptoms 7. Stratify risk in children with stridor using IMNCI guidelines. 8. Interpret blood tests relevant to upper respiratory problems 9.Interpret X-ray of the paranasal sinuses and mastoid;written report in case of management 10.Interpret CXR in foreign body aspiration and lower respiratory tract infection, understand the significance of thymic shadow in pediatric chest X-rays..	Bed side	1.5	Dr.Bhavani			15-18

			Certifications: Assess airway and breathing. Demonstrate the method of positioning of an infant & child to open airway in a simulated environment. Secure an IV access in a simulated environment. Assess level of consciousness & provide emergency treatment to a child with convulsions/coma. Position an unconscious child. Position a child with suspected trauma. Administer IV/per rectal Diazepam for a convulsing child in a simulated environment. MARKS	Skill Lab	1	Dr. Viji	Dr. Harini	Dr. Nandhini	
01.04.2025	11.30 - 1	PE 27.22	Respiratory examination 2.1. Recognize the clinical signs of Allergic Rhinitis. 2. Identify Atopic dermatitis and manage. 3. Recognise symptoms and signs of Asthma. 4. Develop a treatment plan for Asthma appropriate to clinical presentation & severity. 5. Enumerate criteria for referral. 6. Interpret CBC and CX Ray in Asthma. 7. Enumerate the indications for PFT. 8. Observe administration of Nebulisation. 9. Counsel the child with asthma on the correct use of inhalers in a simulated environment	Skill Lab	1.5	Dr. Nivya			19-23
	10.15- 11.15	PE 27.18	Certifications: Assess airway and breathing: perform assisted ventilation by bag and mask in a simulated environment. Provide BLS for children in manikin	Skill Lab	1	Dr. Sreedeeep	D. Viji		
02.04.2025	11.30 - 1	PE 12.17	Approach to short stature 1. Identify the clinical features of dietary deficiency of Vitamin D. 2. Assess patients with Vitamin D deficiency, diagnose, classify and plan management. 3. Identify the clinical features of Vitamin B complex deficiency. 4. Diagnose patients with Vitamin B complex deficiency and plan management	Bed side	1.5	Dr. Harini	Dr. Viji		24-28
03.04.2025	10.15 - 1		Formative assessment - Skill Station, AETCOM, OSCE	Skill Lab	3	Dr. Bhavani, Dr. Sreedeeep	Dr. Nivya	Dr. Uma	
04.04.2025	10.15 - 1		Case Presentation - Paed	Bed side	3	Dr. Sreedeeep			
BATCH A2									
	10.15- 11.15		Introduction	DOAP	1	Dr. Peter			
17.03.2025	11.30 - 1	PE 23.8	CVS examination 1. Identify external markers of a cardiac disease e.g. Cyanosis, Clubbing, dependent edema, dental caries, arthritis, erythema rash, chorea, subcutaneous nodules, Osler's node, Janeway lesions and document. 2. Record pulse, blood pressure, temperature and respiratory rate and interpret as per the age.	Bed side	1.5	Dr. Monica			30-35
	10.15- 11.15	PE 1.4	Certifications: Perform anthropometric measurements, document in growth charts and interpret. Perform developmental assessment and Interpret. Observe the correct technique of breast Feeding and distinguish right from wrong techniques	DOAP	1	Dr. Priya	Dr. Nishanth	Dr. Peter	
18.03.2025	11.30 - 1	PE 23.10	CVS examination 2. 1. Perform independent examination of the cardiovascular system – look for precordial bulge, pulsations in the precordium, JVP and its significance in children and infants, relevance of percussion in Pediatric examination, Auscultation and other system examination and document	Bed side	1.5	Dr. Vimal			36-40
	10.15- 11.15		Case Presentation Paed	Bed side	1	Dr. Nandhini			
19.03.2025	11.30 - 1	PE 30.10	CNS examination 1. Demonstrate the correct method for physical examination of CNS including identification of external markers. Document and present including identification of external markers. Document and present clinical findings	Bed side	1.5	Dr. Nivya			41-44
	10.15- 11.15		A1. Case Presentation Newborn	Bed side	1	Dr. Nishanth			
20.03.2025	11.30 - 1	PE 30.19	CNS examination 2. 1. Analyse symptoms and interpret physical findings and propose a provisional / differential diagnosis. 2. Interpret and explain the findings in a CSF analysis. 3. Enumerate the indication and discuss the limitations of EEG, CT, MRI. 4. Perform in a mannequin lumbar puncture. 5. Discuss the indications, contraindication of the procedure	Skill Lab	1.5	Dr. Bhavani			46-49
	10.15- 11.15	PE 27.19	Certifications: 1. Check for signs of shock i.e. pulse, Blood pressure, CRT. 2. Choose the type of fluid and calculate the fluid requirement in shock. 3. Assess for signs of severe dehydration	Skill Lab	1	Dr. Priya	Dr. Nishanth	Dr. Peter	
21.03.2025	11.30 - 1	PE 20.3	Newborn 1. Perform Neonatal resuscitation in a manikin	Skill Lab	1.5	Dr. Nandhini			50-53
	10.15- 11.15	PE 19.6	Certifications: Assess patient for fitness for immunization and prescribe an age-appropriate immunization schedule. Perform and interpret urine dip stick for sugar	Bed side	1	Dr. Priya	Dr. Nishanth		
24.03.2025	11.30 - 1	PE 20.4	Newborn 2. 1. Assessment of a normal neonate. 2. Counsel / educate mothers on the care of neonates. 3. Explain the follow up care for neonates including Breast Feeding, Temperature maintenance, immunization, importance of growth monitoring and red flags. 4. Identify and stratify risk in a sick neonate using IMNCI guidelines	Bed side	1.5	Dr. Uma			54-58