

PEDIATRICS

Content Of Dr. Murali Bharadwaz's E-Learning Material

Pediatrics Mock Test			
Topic	Lecture	Duration	Size (MB)
AIIMS Pediatrics	Lec-01	0:48:05	164
	Lec-02	0:57:54	198
	Lec-03	0:20:48	71.5
	Lec-04	0:32:44	112
	Lec-05	0:40:06	137
	Pediatrics Test	Lec-01	0:41:36
Lec-02		0:40:17	138
Lec-03		0:44:21	151

Pediatrics Notes	
Pediatrics Notes	No. of Pages = 42

Subject Name	Lecture Number	Lecture Content	Lecture Duration	File Size
PEDIATRICS	Lec 01	<ul style="list-style-type: none"> ◆ Hypothyroidism ◆ Somatomedin deficiency ◆ Weight gain ◆ Birth weight ◆ Height ◆ Head circumference ◆ Chest circumference ◆ Stem stature index ◆ Eruption of teeth ◆ Primary teeth, Permanent teeth ◆ Ossification centres used to estimate bone age ◆ Which bones to evaluate for skeletal age ◆ Developmental Delay is considered if child cannot ◆ Motor development ◆ Fine motor development ◆ Language development ◆ Psycho social development ◆ Cognitive development ◆ Order of growth in females ◆ Proportionate short stature ◆ Disproportionate short stature with short limbs ◆ Growth hormone deficiency ◆ Hypothyroid cretin ◆ Bone age < chronologic age ◆ Bone age > Height age ◆ Breath Holding Spells ◆ Enuresis ◆ Tics ◆ Attention deficit disorder ◆ Zinc ◆ Breast Feeding-advantages ◆ PEM ◆ weight for age classification ◆ IAP classification ◆ Height for age classification(Waterlow's) ◆ Marasmus ◆ Three cardinal features of kwashiorkor ◆ Kwashiorkor ◆ Immunologic defects in kwashiorkor ◆ Therapeutic diet ◆ Causes of sudden death in PEM ◆ Thiamine ◆ Riboflavin ◆ Niacin ◆ Pyridoxine, Scurvy ◆ Costochondral junctions ◆ Vitamin A ◆ Deficiency of vit.A causes ◆ Hypervitaminosis A ◆ Treatment of vit.A deficiency ◆ Vitamin D ◆ Clinical manifestations vit D deficiency ◆ Hypervitaminosis D 	0:39:49	136

Subject Name	Lecture Number	Lecture Content	Lecture Duration	File Size
PEDIATRICS	Lec 02	<ul style="list-style-type: none"> ♦ Refractory Rickets ♦ Hereditary Spherocytosis ♦ Hereditary acanthocytosis ♦ Beta Thalassaemia 	0:33:21	114
	Lec 03	<ul style="list-style-type: none"> ♦ ITP ♦ NEW BORN ♦ Moro's reflex ♦ Crossed extension ♦ Tonic neck reflex ♦ Babinski's sign and Chvostek's ♦ mongolian spots ♦ Stork bites ♦ Peeling of skin ♦ Epstein pearl ♦ Physiological jaundice ♦ Cephal haematoma ♦ Caput succedaneum ♦ Prenatal prediction of iugr ♦ Amniotic fluid c-peptides ♦ Iugr infants ♦ Cardiopulmonary resuscitation ♦ Apgar score system ♦ Physiological jaundice of the newborn ♦ Causes of jaundice in the newborn ♦ Erythroblastosis foetalis ♦ Kernicterus 	0:39:35	135
	Lec 04	<ul style="list-style-type: none"> ♦ Phototherapy ♦ Side effects of phototherapy ♦ Indications for exchange transfusion in a term infant ♦ Conjugated hyperbilirubinemia in the neonatal period ♦ Crigler-najjary syndrome ♦ Type i, type ii ♦ Galactosemia ♦ Congenital rubella infection ♦ Cytomegalic inclusion virus disease ♦ Neonatal hsv ♦ Toxoplasmosis ♦ Congenital syphilis ♦ Late manifestations of congenital syphilis 	0:12:56	45

Subject Name	Lecture Number	Lecture Content	Lecture Duration	File Size
PEDIATRICS	Lec 05	<ul style="list-style-type: none"> ♦ Septicemia in the neonatal period ♦ Neonatal necrotising enterocolitis ♦ Tetanus neonatorum ♦ Infant botulism ♦ Hyaline membrane disease(hmd) or respiratory distress ♦ Indications of cpap ♦ Potential complications of cpap ♦ Indications of mechanical ventilation ♦ Bronchopulmonary dysplasia-bpd(chronic lung disease following neonatal lung injury) ♦ Hypoxic-ischaemic encephalopathy ♦ Neonatal seizures ♦ Neonatal hypoglycaemia ♦ Hypocalcemia ♦ Tracheoesophageal fistula ♦ Oesophageal atresia ♦ Infant of diabetic mother(idm) ♦ Drugs associated with congenital anomalies ♦ Infectious disease ♦ Measles rash ♦ Chicken pox ♦ Exanthem subitum(roseola infantum) ♦ Erythema infectiosum(fifth disease) ♦ Spectrum of disease with parvovirus b-19 ♦ Typhoid fever(enteric fever) 	0:39:44	136
	Lec 06 06 part2	<ul style="list-style-type: none"> ♦ Widal agglutination test ♦ Anamnestic(does not forget)reaction ♦ Treatment Mononucleosis ♦ Complications of Mumps ♦ Acquired Immunodeficiency Syndrome ♦ Childhood Tuberculosis ♦ Chronic Pulmonary Tuberculosis ♦ Extrathoracic Tuberculosis ♦ Chemoprophylaxis ♦ DIARRHEA IN CHILDREN ♦ Oral Rehydration Salt(ORS) solution ♦ Severe Dehydration ♦ Indian Childhood Cirrhosis ♦ Genetic causes of Large Liver of Childhood ♦ Portal Hypertension ♦ CONGESTIVE CARDIAC FAILURE 	0:29:02	102.4
	Lec 07	<ul style="list-style-type: none"> ♦ R to L shunts ♦ Right to left shunt at the atrial level ♦ Coarctation of the aorta ♦ Transpositions, Myocarditis, Anaemia and CCF ♦ Paroxysmal Supraventricular Tachycardia ♦ CCF without cardiac enlargement ♦ Rheumatic Fever, Signs of CCF in Infants ♦ Symptoms of CF, Digoxin(Lanoxin) ♦ Acute Rheumatic Fever ♦ Carditis, Pericarditis, Myocarditis, Arthritis ♦ Carey coomb's murmur ♦ Endocarditis, Subcutaneous nodules 	0:42:36	145

Subject Name	Lecture Number	Lecture Content	Lecture Duration	File Size
PEDIATRICS	Lec 13	<ul style="list-style-type: none"> ◆ Positron Emission Tomography(PET) and Single Photon Emission Tomography(SPECT) ◆ Acute Bacterial Meningitis ◆ Meningitis in Neonates and Young Infants ◆ Meningococcal Meningitis ◆ Pneumococcal Meningitis ◆ Haemophilus influenzae meningitis ◆ Pyogenic meningitis-differential Diagnosis ◆ Aseptic meningitis ◆ Tuberculosis meningitis ◆ Cryptococcus meningitis ◆ Subarachnoid Haemorrhage ◆ Tuberculous meningitis ◆ Reye's Syndrome ◆ Guillain-Barre Syndrome ◆ BRAIN TUMOURS ◆ Common supratentorial tumours ◆ Papilloedema ◆ Localising Signs of Brain Tumours ◆ Supratentorial Tumours ◆ Craniopharyngioma ◆ Neurocysticercosis and Tuberculomas ◆ Pseudo Tumour cerebri(Benign Intracranial Hypertension) 	0:40:40	139
	Lec 14	<ul style="list-style-type: none"> ◆ Hydrocephalus ◆ Congenital Hydrocephalus ◆ Dandy Walker syndrome ◆ Arnold Chiari syndrome ◆ Acquired hydrocephalus ◆ Convulsions in Childhood ◆ Febrile Convulsions ◆ Atypical Complex Febrile Seizures ◆ Epilepsy-syndromes ◆ Tonic Clonic Seizures(Grand Mal Type) ◆ Absence Attacks ◆ Partial Seizures ◆ Psychomotor Seizures ◆ Benign Childhood Epilepsy with Centro-Temporal Spikes ◆ Neonatal Seizures ◆ Myoclonic epilepsy ◆ West syndrome(Infantile spasms) ◆ Lennox-Gastaut syndrome ◆ Absence Seizures ◆ Status Epilepticus 	0:39:49	136

Subject Name	Lecture Number	Lecture Content	Lecture Duration	File Size
PEDIATRICS	Lec 15	<ul style="list-style-type: none"> ♦ Cerebral palsy(CP) ♦ Hypotonic (Atonic)Cerebral Palsy ♦ Extrapyramidal involvement ♦ Infantile gaucher disease type ii ♦ Tay sach disease(gm2 gangliosidosis) ♦ Sandhoff disease ♦ Autism ♦ Paediatric nephrology ♦ Methods of investigation in renal disease ♦ Excretory pyelogram(ivp) ♦ Micturating cytourethrogram ♦ Radionuclide imaging ♦ Haematuria ♦ Iga nephropathy ♦ Proteinuria ♦ Microscopic haematuria ♦ Membranoproliferative glomerulonephritis ♦ Important causes of asymptomatic proteinuria ♦ Acute glomerulonephritis poststreptococcal acute glomerulonephritis ♦ Crescentic (rapidly progressive glomerulonephritis) ♦ Nephritis in henoch schonlein purpura ♦ Renal involvement in systemic lupus erythematosus ♦ Haemolytic uremic syndrome ♦ Nephrotic syndrome ♦ Minimal lesion(change)nephrotic syndrome(mcns) ♦ Characgteristic feature of two groups of nephrotic syndromes ♦ Complications in Nephrotic Syndrome 	0:40:30	138