

ACA/R/05.

LESSON PLAN

Subject : Physiotherapy in paediatric condition
Class : BPT VII Semester (2018)
Class Incharge : Dr. Reema Joshi (PT)
Subject Teacher/s : Dr. Vidhi Shah (PT)
Total Hours prescribed: -160 (Didactic-32, Practical/laboratory-32, SPT- 96)

Sr No	Topic	No. of hours required		Mode of teaching	Name of the Staff	Remarks
		T	P			
1	Assessment of Reflex & Reactions	1	2	Bed side teaching, Clinical on patient demonstation	Dr. Vidhi Shah	Completed
2	Embryology of nervous system, Embryology of cardiovascular, pulmonary & musculoskeletal system , Developmental deformities & congenital anomalies, Deformities of vertebral column, deformities of chest wall	2		PowerPoint presentation, Lecture, Group discussion, Demonstrations	Dr. Vidhi Shah	
3	Developmental anomalies Spina bifida, hydrocephalus, cranio-vertebral junction anomalies			PowerPoint presentation, Question and Answer Sessions, Demonstrations.	Dr. Vidhi Shah	
4	Genetic disorder – Down 's syndrome, Marfan's syndrome	1		PowerPoint presentation, Demonstrations	Dr. Vidhi Shah	
5	Cerebral palsy -assessment & management with approaches, Roods, Vojta, Sensory integration, N.D.T	3	10	PowerPoint presentation, Bed side teaching, Clinical on patient demonstation	Dr. Vidhi Shah	
6	Attention deficit Hyperactive	1	1	PowerPoint	Dr. Vidhi	

	disorder, Autism			presentation,	Shah	
7	Gravitational insecurity, Mental retardation, Epilepsy	2	2	PowerPoint presentation,	Dr. Vidhi Shah	
8	Congenital dislocation of hip ,CTEV, vertical talus, Blount disease, Perthe's disease, slipped capital femoral epiphysis, limb length discrepancies and Osteogenesis Imperfecta.	4	2	PowerPoint presentation, Practical demonstration of test and gait	Dr. Vidhi Shah	
9	Neonatal ICU, Paediatric ICU, Complications of low birth Weight	2	2	ICU Visit and Practical demonstration	Dr. Vidhi Shah	
10	Anatomical & physiological differences of cardio-vascular & respiratory system in neonates, childhood & adults	1		PowerPoint presentation,	Dr. Vidhi Shah	
11	Fetal circulation ,.Congenital heart disease – pathodynamics, clinical presentation, investigation, medico-surgical & physiotherapy management of cyanotic & acyanotic heart disease , Rheumatic heart disease	2	1	Lecture , clinical teaching , PowerPoint presentation, Quize	Dr. Vidhi Shah	
12	Traumatic head injury	2	1		Dr. Vidhi Shah	
13	Respiratory disorder in childhood – IRDS, Bronchopulmonary dysplasia, pneumonia, lung abscess, asthma, cystic fibrosis, bronchitis, bronchiectasis, bronchiolitis, pertusis, CROUP, epiglottitis, chronic lung disease, primary ciliary dyskinesia, fatigue, sleep apnoea, hyperventilation syndrome	2	1	Lecture , clinical teaching , PowerPoint presentation, Quize	Dr. Vidhi Shah	
14	Disorder of muscle – Muscular dystrophy (Duchenne's, Becker's, Limb girdle, Facio-scapulohumeral, Spinal muscular atrophy)	3	2	Lecture , clinical teaching , PowerPoint presentation,	Dr. Vidhi Shah	
15	Movement disorder – Chorea, Athetosis, Dystonia, Choreoathetosis, Ataxia	1	2	PowerPoint presentation, Clinical demonstration	Dr. Vidhi Shah	
16	Traumatic injuries in child – fractures, dislocations, epiphyseal injuries	2 hrs	2 hrs	PowerPoint presentation,	Dr. Vidhi Shah	

17	Role of Orthotics in Paediatric conditions.	1 hr		Visit to Orthotic department		
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Total Didactic Hours –

Theory: 32hours

Practical: 32 hours

SPT: 96 hours

Total scheduled hours – 160 hours