



Dr. D.Y. PATIL COLLEGE OF PHYSIOTHERAPY

Dr. D.Y.PATIL VIDYAPEETH, PUNE

(DEEMED TO BE UNIVERSITY)

(Accredited by NAAC with 'A' grade)

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LESSON PLAN FOR IV YEAR BPT

Subject: PT in Cardiopulmonary Sciences

Teacher Incharge: Dr. Mayura Deshmukh, Dr. P. Muruganandam (PT)

Theory – 60 hrs + Clinical – 140 hrs= 200 Hours

SR.N O	TOPIC	HOURS
1.	Cardio respiratory assessment	5 hours
2.	Bronchial Hygiene Techniques <ul style="list-style-type: none">• ACBT• Acapella/Flutter	2 Hours 1 hr 1 hr
3.	Chest X rays <ul style="list-style-type: none">• Interpretations• Normal X rays• Abnormal X rays	3 hours 1 hr 1 hr 1hr
4.	Physiotherapy assessment of Emphysema Management of Emphysema	1hr 1hr
5.	Physiotherapy management in ICU	1 hr
6.	Physiotherapy assessment of Chronic Bronchitis Management of Chronic Bronchitis	1 hr 1 hr
7.	Physiotherapy assessment of Bronchial Asthma Management of Bronchial Asthma	1 hr 1 hr
8.	Physiotherapy Management of Bronchiectasis	1 hr
9.	Modes of Ventilator	1 hr
10.	Pulmonary Rehabilitation	1 hr
11.	ICU instrumentation	1 hr
12.	Cardio pulmonary resuscitation	1 hr``
13.	Cardiac surgery	1 hr
14.	Abdominal Surgery <ul style="list-style-type: none">• Incisions• Complications• Physiotherapy management	3 hours 1 hr 1 hr 1 hr
15.	Physiotherapy management in PVD	3 hours

	<ul style="list-style-type: none"> • Assessment • Arterial diseases • Venous diseases 	1 hr 1 hr 1 hr
16.	Pulmonary Surgery	2 hrs
17.	Functional diagnosis of Cardio respiratory dysfunction ECG PFT ABG	3 hours 1 hr 1hr 1 hr
18.	Physiotherapy assessment and management of Pneumonia	2 hrs
19.	PT management in Diabetes Wound Ulcer	1 hr 1 hr
20.	Physiotherapy assessment and management of Pleural effusion	2 hrs
21.	PT management of Obesity Causes Assessment Management Complications	1 hr 1 hr 1 hr 1 hr
22.	Physiotherapy assessment and management of Pleurisy	2 hrs
23.	PT Management in Amputation Procedures Indications Management	1 hr 1hr 2hr
24.	Physiotherapy assessment and management of Lung Abscess	2 hrs
25.	PT management in Burns Introduction and classification Management Skin grafting	1 hr 1hr 1 hr
26.	Physiotherapy assessment and management of Empyema	2 hrs
27.	PT Management in Paediatric Intensive Care <ul style="list-style-type: none"> • Congenital heart diseases • PICU • NICU,Home advice 	2 hrs 1 hr 1 hr

Total Didactic Hours - 60 Hours

Total Practicals/Clinicals scheduled - 140 Hours (at clinicals)

Total scheduled hours = 200 Hours

Total Tutorials - 12 Hours (as and when required)

Total Doubt clearing sessions - 08 Hours (as and when required)