

**Dr. D.Y. Patil Medical College, Hospital & Research**

**Centre, Pimpri, Pune – 18**

**Lesson Plan schedule for 9<sup>th</sup> Semester Lectures**

Sr. No.	Date	Topic	Lesson Plan	Faculty Name
1	23/06/2017	Introduction, Orientation, scope and modalities of Anaesthesia Balanced General anaesthesia, oxygen therapy	1)Introduction of topic 2)Brief History of anesthesia 3)Modalities of anaesthesia Indications 4)Balanced General Anaesthesia 5)Oxygen Therapy Indications Methods & their details.	Dr Mary Samuel
2	30/06/2017	Pre-operative Assessment preparation of patient and preanaesthetic medication	1)pre- operative assessment & importance of pre-op anesthesia visit, 2)History General and systematic examination in view of anaesthesia 3)Investigations, 4)Fitness of the patient according to ASA grading	Dr. V.R.R. Chari
3	07/07/2017	Intravenous anesthetic agents	1)Introduction 2)Types of Intravenous anesthetics 3)Characteristics of individual drugs 4)Their doses for various indications. 5) Uses of the drugs 6) Contra-indications 7)Adverse effects	Dr. Smita Joshi

4	14/07/2017	Airway and respiratory system 1. Anatomy & various method of airway management 2. Inhalational anesthetic agents	Anatomy of Airway – Larynx, Trachea, Bronchopulmonary segments Inhalational agents – Uptake, distribution and excretion	
5	21/07/2017	Neuromuscular junction- Anatomy & physiology and NMBD (neuromuscular blocking drugs)	N-M junction anatomy, Physiology, NMBD Introduction of topic, Classification Pharmacokinetics, Pharmacodynamics, side effect, Indication & contraindication, brief details of each drugs	
6	28/07/2017	Local analgesia & drugs, peripheral nerve blocks & various field blocks.	Introduction of topic, Types of LA, regional block, Detail of each local anesthetics, Indication, Contraindication, toxicity and types of various field blocks.	
7	04/08/2017	Neuroaxial techniques-SA & EA including anatomy, techniques, their complication & management.	1) Introduction of topic, 2) Anatomy of vertebral Column, Spinal cord, subarachnoid space, Epidural space 3) Technique of spinal, epidural and CSEA 4) Indications, contraindications 5) Complications and their management	
8	11/08/2017	Parenteral infusions, blood &	Introduction of IV Fluids, Types of IV Fluids,	

		its products plasma volume expanders,IV fluids.	Contents of IV Fluids, Indications of IV Fluids, Contraindication of IV Fluids, Blood, Types of bloods Product, Indications of blood Transfusion, Side effects transfusion/ Transfusion Reaction.	
9	01/09/17	CPCR- Algorithm,drugs & instrument involved in CPCR	History, Concept of CPCR & Chain of Survival, Basic life support in detail, Introduction of Advanced Cardiac life support, Techniques of BLS- Adult &Children, Video Presentation	
10	18/08/2017	Trauma –Pre hospital management & transportation of trauma patient to hospital and Disaster management	Types Trauma, Pre hospital management transportation of trauma patient to hospital General consideration of Disaster management.	

**Dr. V.R.R. Chari**  
**Prof. & HOD**