



Department of Anesthesiology



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

Centre, Pimpri, Pune – 18

Lesson Plan schedule for 9th Semester Lectures

Sr. No.	Date	Topic	Lesson Plan	Faculty Name
1	22/06/2018	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. V.R.R. Chari
2	29/06/2018	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 Mary Samuel
3	06/07/2018	Airway and respiratory system Anatomy & various method of airway management	Anatomy of Airway –Larynx, Trachea, Bronchopulmonary segments, methods of airway management	Dr.Smita Joshi
4	13/07/2018	Introduction to Intravenous and inhalational anesthetic agents	1)Introduction 2)Types of Intravenous and inhalational anesthetics 3)Characteristics of individual drugs	Dr C.M. Suryawanshi

			<p>4) Their doses for various indications.</p> <p>5) Uses of the drugs</p> <p>6) Contra-indications</p> <p>7) Adverse effects</p>	
5	20/07/2018	Neuromuscular junction- Anatomy & physiology and NMBD (neuromuscular blocking drugs)	<p>N-M junction anatomy, Physiology, NMBD</p> <p>Introduction of topic, Classification</p> <p>Pharmacokinetics, Pharmacodynamics, side effect, Indication & contraindication, brief details of each drug</p>	Dr Aparna Bagle
6	27/07/2018	Local analgesia & drugs, peripheral nerve blocks & various field blocks.	<p>Introduction of topic, Types of LA, regional block, Detail of each local anesthetic, Indication, Contraindication, toxicity and types of various field blocks.</p>	Dr J.N. Lakhe
7	03/08/2018	Neuroaxial techniques-SA & EA including anatomy, techniques, their complication & management.	<p>1) Introduction of topic,</p> <p>2) Anatomy of vertebral Column, Spinal cord, subarachnoid space, Epidural space</p> <p>3) Technique of spinal, epidural and CSEA</p> <p>4) Indications, contraindications</p> <p>5) Complications and their management</p>	Dr Sandip Baheti
8	10/08/2018	Parenteral infusions, blood & its products plasma volume expanders, IV fluids.	<p>Introduction of IV Fluids, Types of IV Fluids, Contents of IV Fluids, Indications of IV Fluids, Contraindication of IV Fluids, Blood,</p> <p>Types of bloods Product, Indications of blood</p>	Dr Bhavini Shah

			Transfusion, Side effects transfusion/ Transfusion Reaction.	
9	24/08/2018	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	Dr Sheetal Jayakar
10	31/08/2018	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.Guneet Chadha