

Number	COMPETENCY The student should be able to	Domain K/S/A/C	Level K/KH/ SH/P	Core (Y/N)	Suggested Teaching Learning method	Suggested Assessment method	Vertical integration	Horizontal integration
AS1.1	Describe the evolution of Anaesthesiology as a modern specialty	K	K	N	Lecture	Written/ Viva voce		
AS1.2	Describe the roles of Anaesthesiologist in the medical profession (including as a peri-operative	K	K	N	Lecture	Written/ Viva voce		
AS1.3	Enumerate and describe the principle of ethics as it relates to Anaesthesiology	K	K	N	Lecture	Written/ Viva voce	AETCOM	
AS1.4	Describe the prospects of Anaesthesiology as a career	K	K	N	Lecture	Written/ Viva voce		
AS2.1	Enumerate the indications, describe the steps and demonstrate in a simulated environment, Basic Life	K/S	SH	N	DOAP session	Skill assessment	General Medicine,	
AS2.2	Enumerate the indications, describe the steps and demonstrate in a simulated environment, Advanced	S	SH	N	DOAP session	Skill assessment	General Medicine	
AS3.1	Describe the principles of preoperative evaluation	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce		General Surgery, General Medicine
AS3.2	Elicit, present and document an appropriate history including medication history in a patient undergoing Surgery as it pertains to a preoperative anaesthetic evaluation	S	SH	Y	DOAP session, Bedside clinic	Skill station		General Surgery, General Medicine
AS3.3	Demonstrate and document an appropriate clinical examination in a patient undergoing General Surgery	S	SH	Y	DOAP session, Bedside clinic	Skill station		General Surgery, General Medicine
AS3.4	Choose and interpret appropriate testing for patients undergoing Surgery	S	SH	Y	DOAP session, Bedside clinic	Skill station		General Surgery, General Medicine
AS3.5	Determine the readiness for General Surgery in a patient based on the preoperative evaluation	S	SH	Y	DOAP session, Bedside clinic	Skill station		General Surgery, General Medicine
AS3.6	Choose and write a prescription for appropriate	S	SH	Y	DOAP session, Bedside	Skill station	Pharmacology	

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AS4.1	Describe and discuss the pharmacology of drugs used in induction and maintenance of general	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce	Pharmacology	
AS4.2	Describe the anatomy of the airway and its implications for general anaesthesia	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce	Human Anatomy	
AS4.3	Observe and describe the principles and the practical aspects of induction and maintenance of	S	KH	Y	Lecture, Small group discussion, DOAP	Written/ Viva voce	Pharmacology	
AS4.4	Observe and describe the principles and the steps/ techniques in maintenance of vital organ functions	S	KH	Y	Lecture, Small group discussion, DOAP	Written/ Viva voce		
AS4.5	Observe and describe the principles and the steps/ techniques in monitoring patients during	S	KH	Y	Lecture, Small group discussion, DOAP	Written/ Viva voce		
AS4.6	Observe and describe the principles and the steps/ techniques involved in day care anesthesia	S	KH	Y	Lecture, Small group discussion, DOAP	Written/ Viva voce		
AS4.7	Observe and describe the principles and the steps/ techniques involved in anaesthesia outside the	S	KH	Y	Lecture, Small group discussion, DOAP	Written/ Viva voce		
AS5.1	Enumerate the indications for and describe the principles of regional anaesthesia (including spinal,	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce		
AS5.2	Describe the correlative anatomy of the brachial plexus, subarachnoid and epidural spaces	K	KH	Y	Lecture, Small group discussion	Written/ Viva voce	Human Anatomy	
AS5.3	Observe and describe the principles and steps/ techniques involved in peripheral nerve blocks	S	KH	Y	Lecture, Small group discussion, DOAP	Written/ Viva voce	Human Anatomy	
AS5.4	Observe and describe the pharmacology and correct use of commonly used drugs and adjuvant agents in	S	KH	Y	Lecture, Small group discussion, DOAP	Written/ Viva voce	Pharmacology	
AS5.5	Observe and describe the principles and steps/ techniques involved in caudal epidural in adults and	S	KH	Y	Lecture, Small group discussion, DOAP	Written/ Viva voce		
AS5.6	Observe and describe the principles and steps/ techniques involved in common blocks used in	S	KH	Y	Lecture, Small group discussion, DOAP	Written/ Viva voce		General Surgery
AS6.1	Describe the principles of monitoring and resuscitation in the recovery room	S	KH	Y	Lecture, Small group discussion, DOAP	Written/ Viva voce		
AS6.2	Observe and enumerate the contents of the crash cart and describe the equipment used in the	S	KH	Y	Lecture, Small group discussion, DOAP	Written/ Viva voce		
AS6.3	Describe the common complications encountered by patients in the recovery room, their recognition and	K	KH	Y	Lecture, Small group discussion, DOAP	Written/ Viva voce		General Surgery
AS7.1	Visit, enumerate and describe the functions of an Intensive Care Unit	S	KH	Y	Lecture, Small group discussion, DOAP	Written/ Viva voce		

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AS7.2	Enumerate and describe the criteria for admission and discharge of a patient to an ICU	S	KH	Y	Lecture, Small group discussion, DOAP	Written/ Viva voce		General Medicine
AS7.3	Observe and describe the management of an unconscious patient	S	KH	Y	Lecture, Small group discussion, DOAP	Written/ Viva voce	Physiology	General Medicine
AS7.4	Observe and describe the basic setup process of a ventilator	S	KH	Y	Lecture, Small group discussion, DOAP	Written/ Viva voce	Physiology	General Medicine
AS7.5	Observe and describe the principles of monitoring in an ICU	S	KH	Y	Lecture, Small group discussion, DOAP	Written/ Viva voce		General Medicine
AS8.1	Describe the anatomical correlates and physiologic principles of pain	K	KH	Y	Lecture, Small group discussion, DOAP	Written/ Viva voce	Human Anatomy, Physiology	
AS8.2	Elicit and determine the level, quality and quantity of pain and its tolerance in patient or surrogate	S	KH	Y	Lecture, Small group discussion, DOAP	Written/ Viva voce	Physiology	
AS8.3	Describe the pharmacology and use of drugs in the management of pain	K	KH	Y	Lecture, Small group discussion, DOAP	Written/ Viva voce	Pharmacology	
AS8.4	Describe the principles of pain management in palliative care	K	KH	Y	Lecture, Small group discussion, DOAP	Written/ Viva voce	Pharmacology	General Medicine
AS8.5	Describe the principles of pain management in the terminally ill	K	KH	Y	Lecture, Small group discussion, DOAP	Written/ Viva voce	Pharmacology	General Medicine
AS9.1	Establish intravenous access in a simulated environment	S	KH	Y	Small group discussion, DOAP session	Skill assessment		
AS9.2	Establish central venous access in a simulated environment	S	KH	Y	Small group discussion, DOAP session	Skill assessment		
AS9.3	Describe the principles of fluid therapy in the preoperative period	K	KH	Y	Lecture, Small group discussion, DOAP	Written/ Viva voce		General Surgery
AS9.4	Enumerate blood products and describe the use of blood products in the preoperative period	K	KH	Y	Lecture, Small group discussion, DOAP	Written/ Viva voce	Pathology	General Surgery
AS10.1	Enumerate the hazards of incorrect patient positioning	K	KH	Y	Lecture, Small group discussion, DOAP	Written/ Viva voce		
AS10.2	Enumerate the hazards encountered in the perioperative period and steps/techniques taken to	K	KH	Y	Lecture, Small group discussion, DOAP	Written/ Viva voce		
AS10.3	Describe the role of communication in patient safety	K	KH	Y	Lecture, Small group discussion, DOAP	Written/ Viva voce	AETCOM	General Surgery
AS10.4	Define and describe common medical and medication errors in anaesthesia	K	KH	Y	Lecture, Small group discussion, DOAP	Written/ Viva voce	Pharmacology	General Medicine

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	Column C: K- Knowledge, S – Skill, A - Attitude / professionalism, C- Communication. Column D: K – Knows, KH - Knows How, SH - Shows how, P-							