

2024 Q3-Q4 MOCA Minute High-Priority Topics Report by Content Outline Category

Pharmacology

	Key Point	ABA Blueprint Code	Level 2 Blueprint Category	CME Activity Count
1	The ASA states that fresh gas flows less than 2 L/min with sevoflurane can safely be used to limit waste gas.	II.B.5 Side Effects and Toxicity	Anesthetic Gases and Vapors	1

Organ-Based Basic and Clinical Sciences

	Key Point	ABA Blueprint Code	Level 2 Blueprint Category	CME Activity Count
2	Elective surgery should be postponed for 2 hours after smoking cannabis to minimize the risk of perioperative myocardial infarction.	IV.A.4 Clinical Science	Central and Peripheral Nervous Systems	1

Clinical Subspecialties

	Key Point	ABA Blueprint Code	Level 2 Blueprint Category	CME Activity Count
3	Single-dose 1 g tranexamic acid prior to total hip or knee arthroplasty is effective at reducing transfusion, with oral dosing being significantly cheaper and noninferior to IV dosing.	V.H.5 Special Considerations in Orthopedic Surgery	Orthopedic Anesthesia	4
4	Detection of lung pulse on thoracic ultrasound rules out a diagnosis of pneumothorax.	V.I.1 Primary Survey and Resuscitation	Trauma Anesthesia	13
5	For patients with suspected blunt cardiac injuries, the combination of troponin and 12-lead ECG has a negative predictive value of 98-100%.	V.I.3 Organ System Trauma	Trauma Anesthesia	15
6	A urine output of 1 mL/kg/hr is the best initial primary volume resuscitation goal in patients with high-voltage electrical burns.	V.I.4 Thermal and Electrical Injury	Trauma Anesthesia	12
7	Patients with uncorrected chronic anemia should not undergo large-volume liposuction and abdominoplasty in an office-based environment.	V.J.1 Patient Selection and Preoperative Management	Anesthesia for Ambulatory Surgery	4
8	Adults with a single risk factor for PONV should receive 2 agents for prophylaxis.	V.J.2 Anesthetic Management	Anesthesia for Ambulatory Surgery	3

9	The National Trauma Triage Protocol guidelines suggest trauma patients aged 65 years and older warrant urgent trauma evaluation and meet red criteria as high risk for serious injury when systolic blood pressure is less than 110 mmHg or heart rate exceeds systolic blood pressure.	V.K.1 Preoperative Evaluation	Geriatric Anesthesia/Aging	8
10	There is moderate evidence that processed EEG monitoring of anesthetic depth reduces the incidence of postoperative cognitive dysfunction.	V.K.9 Postoperative Care and Transitions of Care	Geriatric Anesthesia/Aging	3
11	When transporting patients with an external ventricular drain, a dedicated IV pole should be used to mount the transducer and drainage system.	V.M.4 Special Considerations in Neuroanesthesia	Neuroanesthesia	11
12	Platelet transfusion should be considered for bleeding patients demonstrating reduced clot strength on viscoelastic testing in the presence of a normal fibrinogen assay.	V.O.4 Special Considerations in Cardiac Anesthesia	Cardiac Anesthesia	474
13	A serratus anterior block provides analgesia to the anterolateral chest wall.	V.Q.6 Truncal Regional Anesthesia	Regional Anesthesia	2
14	Ketamine infusions for acute pain management are relatively contraindicated in patients with cirrhosis.	V.R.1 Analgesic Pharmacology	Acute Pain Management	43

SPECIAL PROBLEMS OR ISSUES IN ANESTHESIOLOGY

	Key Point	ABA Blueprint Code	Level 2 Blueprint Category	CME Activity Count
15	Intranasal dexmedetomidine at 1 mcg/kg produces sedation within 45-60 minutes of administration in adults.	VI.C.1 MRI	Non-Operating Room Anesthesia (NORA)	2