



قائمة الاسئلة

التخدير السريري (4) - الجزء الأول - المستوى الرابع - قسم تخدير - كلية الطب والعلوم الصحية - برامج العلوم الطبية التطبيقية - الفترة الثانية - درجة د/ رانيا عبدالله احمد جشعان + د/ أحلام عبدالرقيب عبدالواسع السويدي

- 1) Contraindications of Laparoscopy are the following :
 - 1) - Tumor of the abdominal wall.
 - 2) - Morbid obesity.
 - 3) - Peritonitis.
 - 4) + All of the above
- 2) Respiratory effects of Laproscopic procedure with trendelenburg position are :
 - 1) - Increased compliance of the lungs
 - 2) + Increased incidence of endobronchial intubation
 - 3) - Increased vital capacity and functional residual capacity
 - 4) - All of the above
- 3) Rapid stretching of the peritoneum causes the following except :
 - 1) - Bronchospasm
 - 2) - Bradycardia
 - 3) + Tachycardia
 - 4) - Sinus arrest
- 4) Treatment strategies for bone cement complications complication include :
 - 1) - Increasing inspired oxygen concentration prior to cementing
 - 2) - Monitoring to maintain euvoemia
 - 3) - Creating a vent hole in the distal femur to relieve intramedullary pressure
 - 4) + All of the above
- 5) Tourniquets can produce the following except :
 - 1) - Pain
 - 2) - Metabolic alterations
 - 3) + Venous thromboembolism
 - 4) - Pulmonary embolism
- 6) Causes of Fat embolism are the following :
 - 1) - Following long-bone or pelvic fracture
 - 2) - Cardiopulmonary resuscitation,
 - 3) + Entral feeding
 - 4) - Liposuction
- 7) Rheumatoid arthritis (R.A) is :
 - 1) - Immune-mediated joint destruction with chronic and progressive inflammation of synovial membranes
 - 2) - Affects the small joints of the hands, wrists, and feet
 - 3) - Causes Atlantoaxial subluxation
 - 4) + All of the above
- 8) Procedures suitable for ambulatory surgery include the following except:
 - 1) + A minimal risk of perioperative hemorrhage
 - 2) - Airway compromise
 - 3) - Require ICU admission
 - 4) - All of the above
- 9) Day case surgery is not allowed for procedures taking :
 - 1) - > 3-4 hours
 - 2) - The surgery procedures expected to produce severe hemorrhage
 - 3) - Produce severe postoperative pain





- 4) All of the above
- 10) Contraindications to Ambulatory Anesthesia :
- 1) - Unstable ASA physical status III or more
 - 2) - Patients with acute concurrent illness
 - 3) - Morbid obese patients with systemic disease or with complex sleep apnea
 - 4) All of the above
- 11) Criteria for home readiness of day case patients are the following except :
- 1) Disorientation to persons, place, and time
 - 2) - Stable vital signs for 30-60minutes
 - 3) - Ability to tolerate oral fluids
 - 4) - Absence of significant pain, bleeding, nausea, or vomiting
- 12) Signs of air embolism in a patient include all, except :
- 1) Hypertension
 - 2) - Heart murmur
 - 3) - Arrhythmia
 - 4) - Decreased EtCO₂
- 13) Intracranial hypertension is defined as a sustained increase in intracranial pressure (ICP) above :
- 1) - 5 mm Hg
 - 2) 15 mm Hg
 - 3) - 25 mm Hg
 - 4) - 40 mm Hg
- 14) Techniques to minimize intraoperative blood loss in case of sinus and nasal surgery are:
- 1) Supplementation with cocaine or an epinephrine-containing local anesthetic
 - 2) - Maintaining a slightly head-down position
 - 3) - Providing a mild degree of controlled hypertension.
 - 4) - All of the above
- 15) Ten minutes later after starting laser surgery , the surgeon shout“FIRE!” The most appropriate next step is to:
- 1) - Ventilate with air
 - 2) - Increase Fio₂ to 1.0
 - 3) - Instill saline down the endotracheal tube lumen
 - 4) Remove the endotracheal tube
- 16) The best airway management during endoscopy for upper airway is :
- 1) - Standard endotracheal tube
 - 2) - Laryngeal mask
 - 3) Mallinckrodt
 - 4) - All of the above
- 17) The advantages of laproscopic surgery are the following except:
- 1) - Less tissue trauma and wound size.
 - 2) - Less postoperative pain.
 - 3) - Less postoperative ileus.
 - 4) More postoperative pulmonary complications because
- 18) Anesthetic problems of laparoscope are the following except :
- 1) - Problems of extreme positioning.
 - 2) - Problems of pneumo-peritoneum
 - 3) Problems due to N₂O (as insufflating gas).
 - 4) - Problems due to surgical faults
- 19) Increase intraabdominal pressure > 20 mmhg immediately will cause the following :
- 1) Decrease in venous return
 - 2) - Increase cardiac output





- 3) - Increases venous return
4) - All of the above
- 20) Best anesthetic approach for laparoscopic surgery is :
- 1) + General anesthesia
2) - Regional anesthesia
3) - Sedation
4) - All of the above
- 21) Regarding general anesthesia in day case surgery best agents to be used are the following except :
- 1) - Propofol
2) - Remifentanyl
3) - Sevoflurane
4) + Morphine
- 22) Risk factors for venous thromboembolism are the following except:
- 1) - Immobilization for more than 4 days
2) - Obesity
3) + Age greater than 40 years
4) - Procedures lasting more than 30 minutes
- 23) Should be avoided as premedications in with threatening airway obstructions :
- 1) + Sedations
2) - Antiemetic
3) - Analgesics
4) - Antacids
- 24) In case of post tonsillectomy bleeding :
- 1) - Prepare the case as emergency case
2) - Deal as a case of full stomach
3) - Use Rapid sequence induction
4) + All of the above
- 25) Emergence of Tonsillectomy pediatric patient including :
- 1) - Full awake
2) - Lateral position
3) - Gentle suctioning
4) + All of the above
- 26) The normal intraocular pressure(IOP) ismmHg
- 1) - a- 5
2) + b- 10
3) - c- 30
4) - d- 29
- 27) Possible complications of a retrobulbar block include all of the following except;
- 1) - a- Retrobulbar hemorrhage
2) + b- rapid onset of analgesia while using a minimal volume of local anesthetic
3) - c- globe penetration
4) - d- optic nerve damage
- 28) IN GCS ,best verbal response , inappropriate words having score:
- 1) - a- 5
2) - b- 4
3) + c- 3
4) - d- 2
- 29) Usually which one diuretic are indicated during neurosurgery:
- 1) + a- osmotic diuretic-mannitol





- 2) - b- thiazide diuretic
3) - c- potassium sparing diuretic
4) - d- all of the above
- 30) Initial assessment of head injury patients are?
1) - a- airway
2) - b- breathing
3) c- airway ,circulation , breathing
4) - d- both a and b
- 31) IN GCS minimum score is?
1) - a- 5
2) b- 3
3) - c- 4
4) - d- 2
- 32) The main indication for emergency intracranial surgery is?
1) - a- Hyper tension
2) - b- hypotension
3) c- bleeding
4) - d- none
- 33) What effect does cerebral ischemia have on CBF autoregulation
1) a- CBF autoregulation is ablated
2) - b- CBF autoregulation is ablated at high cerebral perfusion pressure but remain intact at low cerebral perfusion pressures
3) - c- the CBF autoregulation is shifted to right
4) - d- the CBF autoregulation is shifted to the left
- 34) Which of the following can be used as a sole criterion for brain death ?
1) a- Absence of cerebral blood flow
2) - b- absence of dolls eye movements
3) - c- fixed , dilated pupils
4) - d- iso electric EEG
- 35) 45 year old women who sustained a sub arachnoid hemorrhage 18hours ago develops a severe headache and becomes un responsive . which of the following is the most likely of this patients change in mental status?
1) - a- cerebral edema
2) - b- cerebral embolism
3) - c- cerebral vasospasm
4) d- second subarachnoid hemorrhage
- 36) Which of the following drugs best facilitates management of cerebral vasospasm after subarachnoid hemorrhage
1) - a- Nifedipine
2) b- nimodipine
3) - c- nitroglycerin
4) - d- thiopental
- 37) In a patients with blunt head trauma cerebral perfusion pressure is determined by the gradient between :
1) - a- diastolic pressure and central venous pressure
2) - b- intracranial pressure and central venous pressure
3) - c- Mean arterial pressure and central venous pressure
4) d- mean arterial pressure and intracranial pressure
- 38) About anesthesia recording sheets :
1) a- Is the permanent recording of all peri- anesthetic events
2) - b- Is temporary recording of all peri anesthetic events





- 3) - c- Document not important in court
4) - d- what you did not write you did it.
- 39) What two induction agents commonly used for electro convulsive therapy?
1) a- Propofol and etomidate
2) - b- Pan coronium and bupivacaine
3) - c- Pancuronium and ketamine
4) - d- Diazoxide and nifedipine
- 40) The most sensitive means of detecting venous air embolism is:
1) - a- Pre cordial doppler stethoscope
2) b- Transesophageal echocardiography
3) - c- End tidal carbon dioxide measurement
4) - d- Central venous pressure measurement
- 41) Airway management in the presence of potential cervical spine injury should include which of the following considerations:
1) a- Manual in line stabilization of the neck
2) - b- Head tilt chin lift maneuver
3) - c- Do exercise for neck
4) - d- twisting their head to other side
- 42) 70yr old female with myopia is scheduled to have acatarct operation ,she is know to have COAD and has been on home nebulizer for the last 6 months and on warfarin for atrial fibrillation her recent inr 2.2 the most appropriate anesthetic technique :
1) - a- Retro bulbar block
2) - b- peribulbar block
3) c- Sub-tenons block
4) - d- General anesthesia with endo tracheal intubation
- 43) A38 yr old man has had acraniotomy for evacuation of sub dural hematoma following aroad traffic accident . he has been admitted to intensive care for post operative management , he has ablood pressure of 180 90 ,heart rate is 48 per minte and his intra cranial pressure is 25 mmhg , the sitting on the ventilator have been altered to deliver high minte ventilation , which one of the following physiological changes is attributed to the new ventilator setting
1) - a- cerebral vasodilation
2) e- cerebral vasoconstriction
3) - c-Reduced cerebral edema
4) - d-Reduced cerebrospinal fluid production
- 44) The lateral rectus muscle is supplied by:
1) - a- Oculomotor nerve
2) b- abducent nerve
3) - c- trochlear nerve
4) - d- optic nerve
- 45) Which cranial nerve is the optic nerve
1) - a- 1
2) b- 2
3) - c- 3
4) - d- 4
- 46) Oculo cardiac reflex is
1) a- A moderate trigemino -vagal brady cardia
2) - b- A moderate trigemino -vagal hypertension
3) - c- A moderate trigemino -trochelar barady cardia and arrythemia
4) - d- A moderateTrigemino -abducent increase in heart rate and hypotension





- 47) Patients who have had surgery for retinal detachment in which intraocular gases have been used should not be given anesthetics that include
- 1) - a- sevoflurane
 - 2) b- nitrous oxide
 - 3) - c- halothane
 - 4) - d- isoflurane
- 48) Pure sensory cranial nerve not involved in brain stem death test :
- 1) - a- Trochlear nerve
 - 2) e- olfactory nerve
 - 3) - f- abducent nerve
 - 4) - g- facial nerve
- 49) Which nerve mediated the papillary reflex;
- 1) - a- optic nerve and abducent nerve
 - 2) - b- oculomotor nerve and trochlear nerve(parasympathetic innervation
 - 3) c- optic nerve and oculomotor nerve
 - 4) - d- gloss pharyngeal nerve and optic nerve
- 50) Not safe in MRI environments:
- 1) - a- MRI compatible objects
 - 2) - b- plastics
 - 3) c- ferromagnetic objects
 - 4) - d- nylon

