



CE Credit Package 12

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CE Exams

Radiation Risk

1. **The use of medical imaging ____.**
 - a. Has rapidly increased in the last 20 years
 - b. Has improved diagnosis and treatment
 - c. Increases estimated cancer risks
 - d. All of the above
2. **Radiation that carries enough energy to eject electrons from particles is described as ____.**
 - a. Ionizing
 - b. X-Ray
 - c. Radiosensitive
 - d. All of the above
3. **Radiation effects that are measured by probabilities are considered ____.**
 - a. Deterministic
 - b. Radiosensitive
 - c. Stochastic
 - d. Sieverts
4. **Many estimates of radiation-associated cancer risks are based on ____.**
 - a. Stochastic data
 - b. Radiation absorption rate
 - c. Atomic bomb data
 - d. Size of absorbed dose
5. **Cell radiosensitivity is directly proportional to ____.**
 - a. The degree of cell differentiation
 - b. The rate of cell division
 - c. The cell maturity level
 - d. None of the above
6. **If current rates continue, 1.5-2 percent of future US cancers will be caused by ____.**
 - a. CT scans
 - b. Nuclear medicine scans
 - c. Embolizations
 - d. Coronary angiography
7. **Radiographic procedures can be ordered due to ____.**
 - a. Diagnostic reasons
 - b. Miscommunications
 - c. Medico-legal reasons
 - d. All of the above
8. **Deterministic effects do not include ____.**
 - a. Infertility
 - b. Cancer development
 - c. Skin erythema
 - d. Cataracts
9. **By optimizing technique and protocol, radiation exposure may be ____.**
 - a. Eliminated
 - b. Decreased
 - c. Accurately measured
 - d. Improved
10. **Unnecessary radiation and redundant exams can be eliminated through ____.**
 - a. Technological advances
 - b. Patient cooperation
 - c. Communication
 - d. Proper safety attire

Total Knee Arthroplasty

- 1. The first know total knee implant was made of ____.**
 - a. Ivory
 - b. Plaster of paris
 - c. Wood
 - d. Acrylic
- 2. From 1951 through the early 70s, the ____ was the primary replacement system.**
 - a. Polycentric knee
 - b. Condylar knee
 - c. Walldius hinge
 - d. Geometric prosthesis
- 3. Universal instrumentation was introduced in ____.**
 - a. 1975
 - b. 1987
 - c. 1978
 - d. 1971
- 4. Surgical navigation systems can record ____ intraoperatively.**
 - a. Joint range-of-motion
 - b. Laxity
 - c. Kinematics
 - d. All of the above
- 5. The greatest detriment to early robotics systems was ____.**
 - a. Inaccuracy
 - b. Cost and complexity
 - c. Training personnel
 - d. None of the above
- 6. A system with dedicated instruments that are compatible with different implant systems is considered ____.**
 - a. Open platform
 - b. Interchangeable
 - c. Imageless navigation
 - d. Precision 4.0
- 7. The ____ digitizes bony landmarks, monitored by a camera attached to a computer.**
 - a. Optical tracking system
 - b. Fixation pin
 - c. Camera
 - d. None of the above
- 8. The ____ is used to determine a patient's correct standing anatomy.**
 - a. Femoral tracker
 - b. Femoral rotation axis
 - c. Mechanical axis
 - d. Reference for resection level
- 9. Pins are placed with the knee in flexion to reduce ____.**
 - a. Incidence of fracture
 - b. Muscle load
 - c. Collisions with the tibial implant
 - d. All of the above
- 10. When setting up for a total knee using navigation, the ST will need ____.**
 - a. Navigation jigs
 - b. Standard jigs
 - c. All regular total knee instruments
 - d. A & C only

Office-Based Ablations

- ___ is not a conservative method of treating menorrhagia.**
 - Hysterectomy
 - Hormone replacement therapy
 - Oral contraceptives
 - All are conservative methods
- Of the 600,000 hysterectomies performed in the United States, ___ percent are from benign causes.**
 - 75
 - 80
 - 85
 - 90
- ___ is an FDA-approved alternative to hysterectomy.**
 - ThermaChoice®
 - NovaSure®
 - Global Endometrial Ablation
 - All of the above
- ___ is made up of a fan structure layered with copper mesh.**
 - NovaSure®
 - ThermaChoice®
 - Her Option®
 - All of the above
- The only GEA method that allows hysteroscopic visualization during the procedure is ___.**
 - ThermaChoice®
 - Her Option®
 - Hydrothermal ablation
 - B & C
- Producing local anesthesia by localized application of cold is known as ___.**
 - Her Option®
 - Cryoanesthesia
 - Refrigeration anesthesia
 - B & C
- By keeping pressure to 55 mmHg, HTA avoids ___.**
 - Ionic dissociation
 - Fluid flow through the fallopian tubes
 - FDA sanctions
 - All of the above
- The best method for sterilizing scopes in the office is ___.**
 - Steam sterilization
 - Sterile wipes
 - Activated dialdehyde
 - Antimicrobial solution
- A/an ___ consists of a series of injections with a local anesthetic.**
 - Paracervical block
 - Ionic dissociation
 - Refrigeration anesthetic
 - None of the above
- Postoperatively, most patients can expect ___.**
 - Mild, menstrual-like cramps
 - A few weeks of vaginal discharge
 - Significant reduction in menstrual cycle
 - All of the above

Acquired Adult Flatfoot Deformity

- 1. The talonavicular joint is located ____.**
 - a. between the talus and navicular
 - b. on the anterolateral midfoot
 - c. on the dorsal foot, below the ankle
 - d. a & c
- 2. Attaching the posterior tibial tendon to the transferred FDL is called ____.**
 - a. Midfoot dissection
 - b. Tenodesis
 - c. Spring ligament repair
 - d. Ligament fixation
- 3. Surgical procedures to correct flatfoot include ____.**
 - a. Spring ligament reconstruction
 - b. Triple arthrodesis
 - c. Subtalar arthrodesis
 - d. All of the above
- 4. Weight-bearing radiographs should be taken ____.**
 - a. Preoperatively
 - b. Postoperatively
 - c. At the surgeon's discretion
 - d. Only when screws are used
- 5. The most common cause of adult-acquired flatfoot is ____.**
 - a. Lateral hindfoot pain
 - b. Navicular tuberosity
 - c. Posterior tibial tendon dysfunction
 - d. Achilles tendonitis
- 6. The ____ can be used to replace the posterior tibial tendon.**
 - a. Achilles tendon
 - b. FDL tendon
 - c. Peroneal tendon
 - d. None of the above
- 7. ____ can be used to lengthen the lateral column in this surgical alternative.**
 - a. Iliac crest block autograft
 - b. Structural allograft
 - c. FDL transfer
 - d. A & B
- 8. Varying degrees of flatfoot are present in ____ percent of the population**
 - a. 10-25
 - b. 15-30
 - c. More than 50
 - d. Unknown
- 9. In the lateral column lengthening procedure, the "bump" under the ipsilateral hip provides ____.**
 - a. Support for the hip
 - b. Relief of a bony pressure point
 - c. Better access to the lateral side of the foot
 - d. Stability for the thigh
- 10. Patients with painful arthritis or fixed flatfoot with PTTD are usually best served with ____.**
 - a. Motion-sparing procedures
 - b. Subtalar arthrodesis
 - c. Triple arthrodesis
 - d. B & C

Hip Arthroscopy : Femoroacetabular Impingement

- The ___ should include the qualitative nature of discomfort, location, onset and history of trauma/developmental abnormality.**
 - Diagnosis
 - Patient history
 - Treatment
 - Rehabilitation
- Primary portals are placed ___.**
 - Anterior and anterolateral
 - Anterior and posterior
 - Anterolateral and posterolateral
 - Superior and inferior
- A pincer lesion is located on the ___.**
 - Femoral head
 - Femoral head neck junction
 - Acetabular fossa
 - Acetabular rim
- The labrum is made up of ___.**
 - Fibrocartilage
 - Osseous abnormalities
 - Bone
 - Hyaline cartilage
- The ___ is/are located on the femoral head-neck junction.**
 - Cam lesion
 - Pincer lesion
 - Labrum
 - Nerve fibers
- The anterolateral portal penetrates the ___.**
 - Sartorius
 - Rectus femoris
 - Gluteus medius
 - Greater trochanter
- The femoral artery and nerve lie ___ to the anterior portal.**
 - Posterior
 - Medial
 - Lateral
 - Superior
- A type 2 tear is ___.**
 - Detachment or pincer impingement
 - Detachment or cam impingement
 - Intrasubstance tear or pincer impingement
 - Intrasubstance tear or cam impingement
- The anterior portal penetrates the ___.**
 - Sartorius
 - Rectus femoris
 - Gluteus medius
 - Both a & b
- Postoperative rehabilitation includes ___.**
 - Walking or light jogging
 - Rest
 - Crutches
 - Continuous passive motion and physical therapy

Open Thoractomy Approach to Bronchoesophageal Fistula Repair

- Bronchoesophageal fistulae are categorized into ____ typical presentations.**
 - 1
 - 2
 - 3
 - 4
- During embryonic development, the lungs begin to form during gestational week ____.**
 - 2
 - 3
 - 4
 - 5
- Bronchoesophageal fistulae may present secondary to ____.**
 - Hodgkin's lymphoma
 - Certain respiratory irritants
 - Cavitating lesions
 - All of the above
- The ____ is made up of stratified squamous epithelial cells.**
 - Mucosal layer
 - Submucosa
 - Mainstem bronchus
 - Muscularis
- The most common type of fistula is ____.**
 - Type 1
 - H-type
 - Sequestered parenchyma
 - None of the above
- ____ has been proven as an effective surgical method in fistula closure.**
 - Endotracheostomy
 - Open thoracotomy
 - Video-assisted thoracotomy
 - B & C
- According to ease of access to the fistula, the typical patient is preoperatively positioned in either __ or __ position.**
 - Lateral/Trendelenburg
 - Supine/Fowler's
 - Supine/Lateral
 - No proper combination
- An "H-type fistula" refers to a direct connection between the esophagus and the ____.**
 - Tracheal lumen
 - Bronchus
 - Parenchymal tissue
 - None of the above
- Postoperative swallowing evaluations may include ____.**
 - Speech therapy
 - Barium swallow
 - Contrast radiography
 - B & C
- Postoperative complications may include ____.**
 - Hemorrhage
 - Pneumothorax
 - Nosocomial infection
 - All of the above

Platysmaplasty: A Surgical Resolution for the Turkey Neck

- 1. The ___ covers the external jugular vein in the neck**
 - a. Platysma
 - b. Deltoideus
 - c. Superior part of the pectoralis major
 - d. None of the above
- 2. A ___ is used to separate the subcutaneous layer from the platysma muscle.**
 - a. Army/Navy retractor
 - b. Adson forceps
 - c. #15 blade
 - d. Straight Metzenbaum scissor
- 3. Patients must cease drinking and smoking ___ prior to the procedure.**
 - a. 24 hours
 - b. One week
 - c. Two weeks
 - d. One month
- 4. Patients should wear an elastic bandage around the head and neck for ___.**
 - a. 24 hours postoperatively
 - b. 48-72 hours postoperatively
 - c. Up to five days postoperatively
 - d. All of the above
- 5. Platysmaplasty can be performed using ___ anesthesia.**
 - a. General
 - b. IV sedation
 - c. Local
 - d. All of the above
- 6. The method of suturing for this procedure is based on ___.**
 - a. Surgeon's preference
 - b. The amount of fat removed
 - c. The type of suture
 - d. A & B
- 7. ___ is administered preoperatively to help prevent infection.**
 - a. Cleocin
 - b. Cephalexin
 - c. Azithromycin
 - d. Penicillin
- 8. To prevent bleeding, ___ are not allowed during the first week following surgery.**
 - a. Vitamin D
 - b. Aspirin
 - c. Acetaminophen
 - d. A & B
- 9. Which item is not laid out on the Mayo stand?**
 - a. DeBakey tissue forceps
 - b. Elastic bandage
 - c. Head light source
 - d. Surgeon's magnified intense glasses
- 10. Possible complications from platysmaplasty include ___.**
 - a. Hematoma
 - b. Infection
 - c. Seroma
 - d. All of the above

Emergency Cesarean Delivery

- 1. Early practice of Cesarean section often resulted in ____.**
 - a. Fetal bradycardia
 - b. Shoulder dystocia
 - c. Cardiac arrest
 - d. All of the above
- 2. What important innovation helped make the Cesarean delivery safer in the mid-1800s?**
 - a. Anesthesia
 - b. Blood bank
 - c. ESU
 - d. Oxytocin
- 3. The ____ must be present in the LDR during a Code Blue.**
 - a. Patient's next of kin
 - b. Anesthesiologist
 - c. Blood bank
 - d. In-house obstetric attending physician
- 4. The rarest presentation of a breech birth ____.**
 - a. Kneeling breech
 - b. Complete breech
 - c. Frank breech
 - d. Footling breech
- 5. The ____ is placed in charge of obtaining additional supplies in emergency situations.**
 - a. Nurse manager
 - b. Assistant nurse manager
 - c. Patient's primary nurse
 - d. Runner
- 6. During the delivery, the ____ is delivered first.**
 - a. Bottom
 - b. Head
 - c. Feet
 - d. Umbilical cord
- 7. Breech birth risks include ____.**
 - a. Umbilical cord prolapse
 - b. Head entrapment
 - c. Oxygen deprivation
 - d. All of the above
- 8. What size blade does the surgical technologist need to incise the patient's skin?**
 - a. #20
 - b. #11
 - c. #15
 - d. #10
- 9. Which of the following factors is not influential in the occurrence of a breech birth?**
 - a. The sex of the baby
 - b. Multiple fetuses
 - c. Premature labor
 - d. Uterine abnormalities
- 10. Who determines if the patient should be moved to the OR for further patient management and/or closure?**
 - a. Team leader
 - b. Physician
 - c. Medication nurse
 - d. None of the above

Birmingham Hip Resurfacing

- 1. A polyethylene component is used in the ___ system.**
 - a. Total hip replacement
 - b. Birmingham Hip Resurfacing
 - c. Corin Cormet Hip Resurfacing
 - d. CONSERVE® Plus Total Hip Resurfacing
- 2. The acetabular cup should be seated at ___ degrees of inclination and ___ degrees of anteversion.**
 - a. 40/20
 - b. 20/40
 - c. 44/46
 - d. 46/44
- 3. A ___ is placed around the femoral head to protect soft tissues from being contaminated by bony reaming during the femoral preparation.**
 - a. Continuous flow of irrigation
 - b. Sterile 4x4 pad
 - c. Urology drape
 - d. Drain cannula
- 4. Indications for hip resurfacing include ___.**
 - a. Impaired or disrupted blood supply
 - b. Rheumatoid arthritis
 - c. Bone-on-bone articulation
 - d. All of the above
- 5. Why is an X-ray-detectable 4x4 placed in the acetabular cup after it is set?**
 - a. To prevent impingement
 - b. To protect the cup during the next process
 - c. To take X-ray measurements
 - d. All of the above
- 6. There are currently ___ FDA-approved hip resurfacing systems**
 - a. 1
 - b. 2
 - c. 3
 - d. 4
- 7. A/an ___ is used to remove the peripheral ring of femoral head bone.**
 - a. Osteotome
 - b. Cannulated rod
 - c. Rongeur
 - d. Cylindrical reamer
- 8. The best candidates for hip resurfacing are ___.**
 - a. Elderly, inactive patients
 - b. Younger, active patients
 - c. Elderly, moderately-active patients
 - d. Young, relatively inactive patients
- 9. Rehabilitation can begin ___ after surgery.**
 - a. One day
 - b. Three to five days
 - c. One week
 - d. 10-15 days
- 10. "If loading on a particular bone increases, the bone will remodel itself over time to become stronger and resist that sort of loading," is a principle of ___.**
 - a. Science
 - b. Medical theory
 - c. Wolff's Law
 - d. Birmingham Hip Resurfacing

Radical Neck Dissection

- 1. How many modifications to the radical neck dissection are there?**
 - a. 1
 - b. 2
 - c. 3
 - d. 4
- 2. The ___ is isolated and divided immediately after the external jugular vein.**
 - a. Anterior trapezius muscle
 - b. Omohyoid muscle
 - c. Internal jugular vein
 - d. Thyrocervical artery
- 3. The first radical neck dissection was performed by ____.**
 - a. George Crile
 - b. Hayes Martin
 - c. Oswaldo Suarez
 - d. Ettore Bocca
- 4. A ___ is used to protect the carotid artery in the event the patient has undergone previous radiation therapy.**
 - a. Sterile towel
 - b. Dermal skin graft
 - c. Sterile plastic adhesive
 - d. Fenestrated sheet
- 5. The lymph node groups and additional structures not included in the classic neck dissection are resected in the ____.**
 - a. Type I modification
 - b. Type II modification
 - c. Type III modification
 - d. Extended radical neck dissection
- 6. Surgical and anesthesia times increase significantly when ___ are used.**
 - a. Radial forearm flaps
 - b. Rectus abdominis flaps
 - c. Microvascular flaps
 - d. Nerve grafts
- 7. Which medical advancement allowed surgery to become the primary treatment for cancers of the head and neck?**
 - a. Radical neck dissection
 - b. Preservation of the spinal accessory nerve
 - c. Antibiotics
 - d. All of the above
- 8. Cadaveric tissue grafts may be successful in radical neck dissections because ____.**
 - a. It can reduce surgical time
 - b. It can reduce time under anesthetic
 - c. A previously-irradiated field does not affect its integration
 - d. All of the above
- 9. After the thyrocervical artery is clamped, divided and ligated, the ___ is/are dissected.**
 - a. Posterior triangle
 - b. Cervical and suprascapular arteries
 - c. Omohyoid muscle
 - d. None of the above
- 10. A radical neck dissection will generally keep a patient in the hospital for ____.**
 - a. 3-5 days
 - b. 5-7 days
 - c. 7-12 days
 - d. 13-15 days

Pectus Carinatum : Pigeon Chest

- 1. Pectus Carinatum is characterized by a/an ___ of the sternum.**
 - a. Protrusion
 - b. Indentation
 - c. Fracture
 - d. A & C
- 2. Effects of pigeon chest include ____.**
 - a. Fatigue
 - b. Dyspnea
 - c. Psychological issues
 - d. All of the above
- 3. The surgical procedure can take anywhere from ____.**
 - a. 2-4 hours
 - b. 2-6 hours
 - c. 4-6 hours
 - d. None of the above
- 4. The Ravitch procedure has a ___ percent of satisfaction rate among patients.**
 - a. 97
 - b. 87
 - c. 79
 - d. 92
- 5. Patient's cardiopulmonary function can be affected by ____.**
 - a. Mitral valve prolapsed
 - b. Decreased lung capacity
 - c. Impaired gas exchange in cardiopulmonary system
 - d. All of the above
- 6. The Ravitch procedure does not involve ____.**
 - a. Cutting the costal cartilage
 - b. Using a stabilization bar
 - c. External pressure brace
 - d. Removal of some costal cartilage
- 7. The ratio of males to females that develop pectus carinatum is ____.**
 - a. 3:1
 - b. 7:2
 - c. 6:2
 - d. 5:1
- 8. The principal organs of respiration and circulation are protected by the ____.**
 - a. Thorax
 - b. Pectoral muscles
 - c. Sternum
 - d. Thoracic vertebrae
- 9. The human body has ___ false ribs.**
 - a. Ten
 - b. Six
 - c. Three
 - d. Two
- 10. A chest deformity characterized by an inverted sternum is ____.**
 - a. Pectus carinatum
 - b. Pigeon chest
 - c. Pectus excavatum
 - d. All of the above

Pectus Carinatum: Pigeon Chest – questions cont.

11. The intercostal spaces are located between the ____.
- Lungs
 - Ribs
 - Vertebral bodies
 - Costal cartilages
12. Pectus carinatum can present at which phase of a patient's life?
- At birth
 - Post surgically
 - During growth spurts
 - All of the above
13. Which genetic disorder is not considered a possible cause of pectus carinatum?
- Trisomy 21
 - Morquio syndrome
 - Brittle bone disease
 - Scoliosis
14. One percent lidocaine with epinephrine, 1:200, 000 describes ____.
- Sterile solution
 - General anesthetic
 - Local anesthetic
 - Anxiety medication
15. In the case presented, the patient is in the ____ position for surgery.
- Reverse Trendelenburg
 - Supine
 - Trendelenburg
 - None of the above
16. ____ is/are performed preoperatively to rule out genetic disorders.
- Blood tests
 - Urine analysis
 - X-ray
 - ECG
17. The average hospital stay for this procedure is ____.
- 1-5 days
 - 3-5 days
 - 3-7 days
 - 5-9 days
18. Preoperative diagnostic tests include ____.
- Pulmonary function
 - CT scan
 - Urine analysis
 - All of the above
19. ____ is a genetic disorder in which the body cannot metabolize methionine.
- Homocystinuria
 - Morquio syndrome
 - Trisomy 18
 - Marfan syndrome
20. Twisting movement or rapid elevation of the arms is restricted for ____.
- Two months
 - Four months
 - Six weeks
 - Until postoperative checkup

Vertical Sleeve Gastrectomy

- 1. What separates the VSG from a banding procedure?**
 - a. VSG is permanent
 - b. VSG does not implant a foreign body
 - c. VSG removes most of the stomach
 - d. All of the above
- 2. ___ is a comorbid condition that can qualify a patient for a bariatric procedure.**
 - a. Diabetes
 - b. Obesity
 - c. Elevated BMI
 - d. All of the above
- 3. Sleeve gastrectomy is contraindicated for patients with a history of ___.**
 - a. Diabetes
 - b. GERD
 - c. Gastric cancer
 - d. Sleep apnea
- 4. VSG has a/an ___ risk of re-operation as compared to alternative bariatric procedures.**
 - a. Higher
 - b. Lower
 - c. Equal
 - d. Insufficient data to determine
- 5. One possible complication of VSG is a leak at the esophageal- gastric junction, which can cause ___.**
 - a. Fistulae
 - b. Pleural effusion
 - c. Infections
 - d. All of the above
- 6. Which of these screening processes is not required for all bariatric patients?**
 - a. Blood chemistries
 - b. Comprehensive metabolic panel
 - c. Serum pregnancy test
 - d. All processes are required
- 7. Preoperative education with a ___ is required for VSG patients.**
 - a. Nutritionist
 - b. Physical therapist
 - c. Psychologist
 - d. Personal Trainer
- 8. A total of ___ 12 mm trocars are placed during this procedure.**
 - a. 1
 - b. 2
 - c. 3
 - d. 4
- 9. The sleeve is checked for air leakage by ___.**
 - a. Submersion in saline solution
 - b. Carbon dioxide pneumoperitoneum
 - c. Surgeon's visual examination
 - d. None of the above
- 10. Wounds are irrigated with triple-antibiotic solution, which does not include ___.**
 - a. Bacitracin
 - b. Neomycin
 - c. Polymyxin
 - d. Saline

Answers CE CREDIT PKG 12: 13 CONTINUING EDUCATION CREDITS

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CE Credit PKG 12: 13 CONTINUING EDUCATION CREDITS

The fee is \$21. This package is only available to AST & ASA members.

Check Enclosed Yes, I want to pay by Credit Card: Visa MasterCard AmEx

Card# _____ Expiration Date _____ Signature _____

Radiation Risk

a	b	c	d	a	b	c	d			
1.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mark one box next to each number. Only one correct or best answer will be selected for each question.
2.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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6.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						

Total Knee Arthroplasty

a	b	c	d	a	b	c	d			
1.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mark one box next to each number. Only one correct or best answer will be selected for each question.
2.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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6.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						

Office-Based Ablations

a	b	c	d	a	b	c	d			
1.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mark one box next to each number. Only one correct or best answer will be selected for each question.
2.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
6.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						

Acquired Adult Flatfoot Deformity

a	b	c	d	a	b	c	d			
1.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mark one box next to each number. Only one correct or best answer will be selected for each question.
2.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
6.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						

Hip Arthroscopy: Femoroacetabular Impingement

a	b	c	d	a	b	c	d			
1.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mark one box next to each number. Only one correct or best answer will be selected for each question.
2.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
6.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						

Open Thoractomy Approach Brochoesophageal Fistula Repair

a	b	c	d	a	b	c	d			
1.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mark one box next to each number. Only one correct or best answer will be selected for each question.
2.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
6.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						

Platysmaplasty: A Surgical Resolution for the Turkey Neck

a	b	c	d	a	b	c	d			
1.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mark one box next to each number. Only one correct or best answer will be selected for each question.
2.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
6.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						

Emergency Cesarean Delivery

a	b	c	d	a	b	c	d			
1.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mark one box next to each number. Only one correct or best answer will be selected for each question.
2.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
6.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						

Birmingham Hip Resurfacing

a	b	c	d	a	b	c	d			
1.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mark one box next to each number. Only one correct or best answer will be selected for each question.
2.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
6.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						

Radical Neck Dissection

a	b	c	d	a	b	c	d			
1.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mark one box next to each number. Only one correct or best answer will be selected for each question.
2.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
6.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						

Pectus Carinatum: Pigeon Chest

a	b	c	d	a	b	c	d	a	b	c	d	a	b	c	d					
1.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	13.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	19.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mark one box next to each number. Only one correct or best answer will be selected for each question.
2.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	14.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	20.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	15.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
4.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	16.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
5.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	11.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	17.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
6.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	18.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						

Vertical Sleeve Gastrectomy

a	b	c	d	a	b	c	d			
1.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mark one box next to each number. Only one correct or best answer will be selected for each question.
2.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
6.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						