

Surgical Procedures

Instructional/Task Analysis

Module 1: General Surgery

Related information: What the student should know

1. State the primary purposes of general surgery.
2. Match basic relevant anatomy groups for general surgery to their correct descriptions.
3. Identify relevant anatomy for the thyroid and parathyroid.
4. Match each type of thyroid and parathyroid pathology to its correct description.
5. Complete statements concerning special considerations for thyroid and parathyroid surgery.
6. Match thyroid and parathyroid procedures to their correct descriptions.
7. Identify relevant anatomy for the breast.
8. Match each type of breast pathology to its correct description.
9. Select true statements concerning special considerations for breast surgery.
10. Complete statements that describe breast procedures.
11. Identify relevant anatomy for the upper abdominopelvic cavity.
12. Match each type of pathology for the upper abdominopelvic cavity to its correct description.
13. Select true statements concerning special considerations for upper abdominopelvic cavity surgery.
14. Complete statements concerning common procedures performed on the upper abdominopelvic cavity.
15. Identify relevant anatomy for the gastrointestinal system.
16. Match each type of gastrointestinal system pathology to its correct description.
17. Select true statements concerning special considerations for gastrointestinal system surgery.
18. Match gastrointestinal system procedures to their correct descriptions.
19. List the purpose for hernia surgery.
20. Identify typical anatomy where hernias occur.
21. Match basic herniation categories and locations to their descriptions.
22. Describe herniation pathology.
23. Select true statements concerning special considerations for hernia surgery.

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24. Complete statements to describe typical herniorrhaphy or hernioplasty procedures.
25. Match common diagnostic tests and procedures used prior to or during general surgery to their descriptions.
26. List supplies used in general surgery.
27. List equipment used in general surgery.
28. Identify special instruments used in general surgery.

Application: What the student should be able to do

29. Diagram setup used in thyroid and parathyroid procedures. (Assignment Sheet 1)
30. Diagram setup used in breast procedures. (Assignment Sheet 2)
31. Diagram setup used in biliary system procedures. (Assignment Sheet 3)
32. Diagram setup used in gastrointestinal procedures. (Assignment Sheet 4)
33. Diagram setup used in hernia procedures. (Assignment Sheet 5)
34. Determine appropriate actions and relevant supplies for general surgical procedures. (Assignment Sheet 6)
35. Perform surgical duties during inguinal herniorrhaphy. (Job Sheet 1)
36. Perform surgical duties during excisional breast biopsy with frozen section. (Job Sheet 2)
37. Perform surgical duties during modified radical mastectomy. (Job Sheet 3)
38. Perform surgical duties during cholecystectomy with cholangiography. (Job Sheet 4)
39. Perform surgical duties during subtotal thyroidectomy. (Job Sheet 5)
40. Perform surgical duties during appendectomy. (Job Sheet 6)
41. Perform surgical duties during hemorrhoidectomy. (Job Sheet 7)
42. Perform surgical duties during Bilroth II. (Job Sheet 8)
43. Perform surgical duties during esophageal hiatal herniorrhaphy. (Job Sheet 9)
44. Perform surgical duties during laparoscopic low anterior resection. (Job Sheet 10)

Module 2: Obstetric and Gynecologic Surgery

Related information: What the student should know

1. State the primary purposes of obstetric and gynecologic surgery.
2. Identify anatomy relevant to the female reproductive system and its support structures.
3. Match relevant tissue layers to their correct descriptions.
4. Match pathology for obstetric or gynecologic surgical intervention to their correct descriptions.

5. Match common obstetric and gynecologic diagnostic approaches to their correct descriptions.
6. Select true statements concerning special considerations for obstetric or gynecologic procedures.
7. Complete statements concerning special equipment used in obstetric or gynecologic surgery.
8. Select true statements concerning supplies used in obstetric or gynecologic surgery.
9. Identify special instrumentation for obstetric or gynecologic surgery.
10. Match relevant positions for obstetric or gynecologic surgery to their correct descriptions.
11. Match common incisions for obstetric or gynecologic surgery to their correct descriptions.
12. Describe common obstetric procedures.
13. Match common gynecologic procedures to their correct descriptions.

Application: What the student should be able to do

14. Diagram setup used in obstetric procedures. (Assignment Sheet 1)
15. Diagram setup used in gynecologic procedures. (Assignment Sheet 2)
16. Determine needs for a cesarean section. (Assignment Sheet 3)
17. Determine appropriate actions and relevant supplies for obstetric or gynecologic surgical procedures. (Assignment Sheet 4)
18. Perform surgical duties during hysteroscopy with dilation and curettage. (Job Sheet 1)
19. Perform surgical duties during total vaginal hysterectomy. (Job Sheet 2)
20. Perform surgical duties during total abdominal hysterectomy. (Job Sheet 3)
21. Perform surgical duties during laparoscopically-assisted vaginal hysterectomy (LAVH). (Job Sheet 4)
22. Perform surgical duties during anterior and posterior repair of herniation. (Job Sheet 5)
23. Perform surgical duties during cesarean section. (Job Sheet 6)
24. Perform surgical duties during diagnostic laparoscopy for tubal ligation. (Job Sheet 7)

Module 3: Genitourinary Surgery

Related information: What the student should know

1. State the purposes of genitourinary surgery.
2. Identify relevant genitourinary anatomy.
3. Match conditions or diseases leading to genitourinary surgery to their correct descriptions.
4. Match structure-specific pathology to their correct descriptions.
5. Match common diagnostic procedures to their correct descriptions.

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6. Complete statements concerning special features of genitourinary surgery.
7. Identify basic supplies, equipment and instrumentation for genitourinary surgery.
8. Complete statements concerning characteristics and sizing of catheters.
9. Classify incisions by their relevant genitourinary positions and organs.
10. Select true statements concerning common adrenal, kidney and urethral procedures.
11. Describe common bladder procedures.
12. Match common urethral procedures to their correct descriptions.
13. Identify common male procedures.

Application: What the student should be able to do

14. Determine appropriate actions and relevant supplies for genitourinary procedures. (Assignment Sheet 1)
15. Catheterize a male patient. (Job Sheet 1)
16. Catheterize a female patient. (Job Sheet 2)
17. Perform surgical duties for a circumcision. (Job Sheet 3)
18. Perform surgical duties for a cystoscopy. (Job Sheet 4)
19. Perform surgical duties for an ESWL lithotripsy. (Job Sheet 5)
20. Perform surgical duties for a closed prostatectomy (TURP). (Job Sheet 6)
21. Perform surgical duties for an open prostatectomy. (Job Sheet 7)
22. Perform surgical duties for an open ureterolithotomy. (Job Sheet 8)
23. Perform surgical duties for a hypospadias repair. (Job Sheet 9)
24. Perform surgical duties for a nephrectomy. (Job Sheet 10)
25. Perform surgical duties for a laparoscopic adrenalectomy. (Job Sheet 11)
26. Perform surgical duties for an adrenalectomy. (Job Sheet 12)

Module 4: Ear, Nose and Throat Surgery

Related information: What the student should know

1. State the primary purposes of otorhinolaryngeal surgery.
2. List primary components of the ear, nose and mouth and throat.
3. Identify anatomy relevant to the ear and its support structures.
4. Identify anatomy relevant to the nose and its support structures.

5. Identify anatomy relevant to the mouth and throat and its support structures.
6. Match pathology for otorhinolaryngeal surgical intervention to their correct terminology.
7. Match common diagnostic approaches to otorhinolaryngeal surgery to their correct descriptions.
8. Select true statements concerning special considerations during setup for otorhinolaryngeal procedures.
9. Complete statements concerning special equipment used in otorhinolaryngeal surgery.
10. Select true statements concerning special supplies used in otorhinolaryngeal surgery.
11. Identify special instrumentation for otorhinolaryngeal surgery.
12. Select true statements concerning relevant preparation, draping and positioning of otorhinolaryngeal patients.
13. List relevant incisions for otorhinolaryngeal surgery.
14. Match common otologic procedures to their correct descriptions.
15. Match common rhinologic procedures to their correct descriptions.
16. Match common laryngeal procedures to their correct descriptions.

Application: What the student should be able to do

17. Diagram setup used in otologic procedures. (Assignment Sheet 1)
18. Diagram setup used in rhinologic procedures. (Assignment Sheet 2)
19. Diagram setup used in laryngeal procedures. (Assignment Sheet 3)
20. Determine appropriate actions and relevant supplies for ear, nose and throat procedures. (Assignment Sheet 4)
21. Perform surgical duties during microscope setup. (Job Sheet 1)
22. Perform surgical duties during myringotomy. (Job Sheet 2)
23. Perform surgical duties during tympanoplasty. (Job Sheet 3)
24. Perform surgical duties during stapedectomy. (Job Sheet 4)
25. Perform surgical duties during septoplasty or submucous resection (SMR). (Job Sheet 5)
26. Perform surgical duties during a Caldwell-Luc antrostomy. (Job Sheet 6)
27. Perform surgical duties during tonsillectomy and adenoidectomy (T&A). (Job Sheet 7)
28. Perform surgical duties during a temporal mandibular joint (TMJ) arthroscopy. (Job Sheet 8)
29. Perform surgical duties during total laryngectomy. (Job Sheet 9)
30. Perform surgical duties during radical neck dissection. (Job Sheet 10)
31. Perform surgical duties during laryngoscopy. (Job Sheet 11)

Module 5: Ophthalmic Surgery

Related information: What the student should know

1. State the primary purposes of ophthalmic surgery.
2. Identify relevant extraocular anatomy for ophthalmic surgery.
3. Identify relevant intraocular anatomy for ophthalmic surgery.
4. Match optical disorders to their correct descriptions.
5. List common ophthalmic diagnostic procedures.
6. Select true statements concerning special considerations for ophthalmic surgery.
7. Describe specialized ophthalmic equipment.
8. Match specialized ophthalmic supplies to their correct descriptions.
9. Identify specialized instrumentation used in ophthalmic surgery.
10. Complete statements concerning ophthalmic drugs.
11. Identify common ophthalmic incisions.
12. Match common extraocular ophthalmic procedures to their correct descriptions.
13. Match common intraocular ophthalmic procedures to their correct descriptions.
14. Match common procedures used to remove the eye to their correct descriptions.

Application: What the student should be able to do

15. Diagram setup for extraocular procedures. (Assignment Sheet 1)
16. Diagram setup for intraocular procedures. (Assignment Sheet 2)
17. Determine appropriate actions and relevant supplies for ophthalmologic surgical procedures. (Assignment Sheet 3)
18. Drape a freestanding operative ophthalmic microscope. (Job Sheet 1)
19. Perform surgical duties during phacoemulsification (PEK) cataract extraction. (Job Sheet 2)
20. Perform surgical duties during blepharoplasty, levator repair or brow ptosis repair. (Job Sheet 3)
21. Perform surgical duties during dacryocystorhinostomy for lacrimal blockage (DCR). (Job Sheet 4)
22. Perform surgical duties during excision of pterygium. (Job Sheet 5)
23. Perform surgical duties during correction of strabismus. (Job Sheet 6)
24. Perform surgical duties during corneal transplant. (Job Sheet 7)
25. Perform surgical duties during trabeculectomy, filtering procedure. (Job Sheet 8)

26. Perform surgical duties during scleral buckle repair with diathermy or cryosurgery. (Job Sheet 9)
27. Perform surgical duties during vitrectomy. (Job Sheet 10)
28. Perform surgical duties during enucleation. (Job Sheet 11)

Module 6: Plastic Surgery

Related information: What the student should know

1. State the primary purposes of plastic surgery.
2. Identify the integumentary system and skin anatomy.
3. List the four major classifications of indications for plastic surgery.
4. Match examples of skin pathologies to their correct descriptions.
5. Complete statements concerning burn assessment techniques.
6. List common diagnostic tests and procedures prior to plastic surgery.
7. Complete statements concerning special considerations for plastic surgery.
8. Match special supplies used in plastic surgery to their correct descriptions.
9. Describe special equipment used in plastic surgery.
10. Identify special instruments used in plastic surgery.
11. Complete statements concerning relevant positions, skin prep and draping for plastic surgery.
12. Select true statements concerning relevant incisions for plastic surgery.
13. List examples of non-invasive, endoscopic plastic surgery procedures.
14. Match terms for treatment or removal of tissue, lesions or scars to their correct descriptions.
15. List skin graft donor options.
16. Distinguish among skin graft harvesting techniques.
17. Select true statements concerning common tissue flap techniques.
18. Match common head and neck procedures to their correct descriptions.
19. Complete statements concerning common breast plastic surgery procedures.
20. List the three common thoracic and abdominal plastic surgery procedures.
21. List common plastic surgical procedures for the extremities.

Application: What the student should be able to do

22. Diagram setup used in plastic surgery. (Assignment Sheet 1)

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23. Determine needs for given plastic surgery cases. (Assignment Sheet 2)
24. Perform surgical duties during abdominoplasty. (Job Sheet 1)
25. Perform surgical duties during reconstructive mammoplasty with muscle flaps. (Job Sheet 2)
26. Perform surgical duties during split-thickness graft. (Job Sheet 3)
27. Perform surgical duties during excision of facial skin lesion. (Job Sheet 4)
28. Perform surgical duties during liposuction. (Job Sheet 5)
29. Perform surgical duties during rhinoplasty. (Job Sheet 6)
30. Perform surgical duties during burn debridement and escharotomy with STSG and WZ- or YZ-plasty for contracture release. (Job Sheet 7)

Module 7: Orthopedic Surgery

Related information: What the student should know

1. Complete statements concerning primary purposes of orthopedic surgery.
2. Identify relevant anatomy for orthopedic surgery.
3. List five examples of bone composition types.
4. Identify joints and surrounding tissue relevant to orthopedic surgery, providing name and description of each joint or component indicated.
5. Match osteopathology terms to their correct descriptions.
6. Complete statements concerning bone fracture pathology and bone healing processes.
7. Describe fracture management methods.
8. Match fracture management stabilization devices to their correct descriptions.
9. Describe common diagnostics performed prior to orthopedic surgery.
10. Select true statements concerning special considerations for orthopedic surgeries.
11. Match basic orthopedic supplies utilized in orthopedic surgery to their correct descriptions.
12. Match basic orthopedic equipment utilized in orthopedic surgery to their correct descriptions.
13. Identify basic orthopedic instrumentation utilized in orthopedic surgery.
14. Describe relevant positions, skin prep and draping for orthopedic surgery.
15. Identify relevant incisions for orthopedic surgery.
16. Name common axial skeletal procedures.
17. Match common joint reconstruction procedures to their correct descriptions.

18. Match common upper extremity orthopedic procedures to their correct descriptions.
19. Match common lower extremity orthopedic procedures to their correct descriptions.
20. Describe common tendon and ligament repairs and reconstruction, giving an example for each.
21. Select true statements concerning limb reattachment (replantation) procedures.
22. Describe amputation procedures.

Application: What the student should be able to do

23. Identify appendicular skeletal anatomy. (Assignment Sheet 1)
24. Diagram setup used in upper extremity procedures. (Assignment Sheet 2)
25. Diagram setup used in lower extremity procedures. (Assignment Sheet 3)
26. Determine appropriate actions and relevant supplies for orthopedic surgical procedures. (Assignment Sheet 4)
27. Assist with application of a plaster cast. (Job Sheet 1)
28. Apply a tourniquet. (Job Sheet 2)
29. Prepare pneumatic or power equipment. (Job Sheet 3)
30. Perform surgical duties during arthroscopic knee surgery. (Job Sheet 4)
31. Perform surgical duties during ORIF compression hip fracture procedure. (Job Sheet 5)
32. Perform surgical duties during excision of Dupuytren's contracture. (Job Sheet 6)
33. Perform surgical duties during total hip arthroplasty. (Job Sheet 7)

Module 8: Neurosurgery

Related information: What the student should know

1. State the primary purposes of neurosurgery.
2. Match skeletal, central and peripheral nervous system components to their correct system.
3. Identify relevant cranial anatomy.
4. Select true statements concerning the ventricular system within the brain.
5. Complete statements concerning normal cerebrospinal fluid (CSF) and its route of distribution.
6. Select true statements concerning arterial and venous circulation in the brain and spine.
7. Identify relevant spinal anatomy.
8. Match neurosurgical pathology to their correct descriptions.

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9. Match common neurodiagnostic approaches to their correct descriptions.
10. Describe special considerations for neurosurgical procedures.
11. Select true statements concerning the basic sequence of events for neurosurgical procedures.
12. Match special equipment used in neurosurgery to their correct descriptions.
13. Select true statements concerning special supplies used in neurosurgery.
14. Identify special instrumentation for neurosurgery.
15. Match common neurosurgical positions to their correct descriptions.
16. Identify common neurosurgical incisions.
17. Select true statements concerning common cranial procedures.
18. Match common spinal procedures to their correct descriptions.
19. List common peripheral nervous system procedures.

Application: What the student should be able to do

20. Diagram setup used in cranial procedures. (Assignment Sheet 1)
21. Diagram setup used in spinal procedures. (Assignment Sheet 2)
22. Determine needs for parietal craniotomy for subdural hematoma. (Assignment Sheet 3)
23. Determine needs for posterior thoracic laminectomy and fusion. (Assignment Sheet 4)
24. Determine appropriate actions and relevant supplies for neurosurgical procedures. (Assignment Sheet 5)
25. Perform surgical duties in release of ulnar nerve. (Job Sheet 1)
26. Perform surgical duties in inserting a V-P shunt. (Job Sheet 2)
27. Perform surgical duties in lumbar laminectomy for discectomy. (Job Sheet 3)
28. Perform surgical duties in cervical laminectomy for fracture injury (Job Sheet 4)
29. Perform surgical duties in craniotomy. (Job Sheet 5)

Module 9: Thoracic Surgery

Related information: What the student should know

1. Complete statements concerning the primary purposes of thoracic surgery.
2. Identify anatomy relevant to the respiratory system and its support structures.
3. Identify relevant tissue layers.
4. Match pathology for thoracic surgical intervention to their correct terminology.

5. Match common thoracic diagnostic approaches to their correct descriptions.
6. Select true statements concerning special considerations for thoracic procedures.
7. Complete statements concerning special equipment used in thoracic surgery.
8. Match special supplies used in thoracic surgery to their correct descriptions or examples.
9. Identify special instrumentation for thoracic surgery.
10. Match relevant positions for thoracic surgery to their correct uses.
11. Identify common incisions for thoracic surgery.
12. Match common thoracic procedures to their correct descriptions.

Application: What the student should be able to do

13. Diagram setup used in closed thoracic procedures. (Assignment Sheet 1)
14. Diagram setup used in open thoracic procedures. (Assignment Sheet 2)
15. Determine needs for a video-assisted thoracic surgery (VATS). (Assignment Sheet 3)
16. Determine appropriate actions and relevant supplies for thoracic procedures. (Assignment Sheet 4)
17. Perform surgical duties during insertion of a chest tube (closed thoracostomy). (Job Sheet 1)
18. Connect chest tube to disposable chest drainage system. (Job Sheet 2)
19. Perform surgical duties during bronchoscopy. (Job Sheet 3)
20. Perform surgical duties during scalene/supraclavicular node biopsy. (Job Sheet 4)
21. Perform surgical duties during mediastinoscopy. (Job Sheet 5)
22. Perform surgical duties during thoracoscopy or video-assisted thoracic surgery (VATS). (Job Sheet 6)
23. Perform surgical duties during thoracotomy. (Job Sheet 7)
24. Perform surgical duties during thoracoplasty. (Job Sheet 8)
25. Perform surgical duties during lung volume reduction surgery. (Job Sheet 9)

Module 10: Cardiac Surgery

Related information: What the student should know

1. Complete statements concerning the primary purposes of cardiac surgery.
2. Identify anatomy relevant to the heart and its support structures.
3. Complete statements concerning normal circulation and conduction.
4. Match pathology for cardiac surgical intervention to their correct terminology.

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5. Match common cardiac diagnostic approaches to their correct descriptions.
6. Select true statements concerning special considerations for cardiac procedures.
7. Complete statements concerning special equipment used in cardiac surgery.
8. Select true statements concerning special supplies used in cardiac surgery.
9. Identify special instrumentation for cardiac surgery.
10. Match relevant positions and incisions for cardiac surgery to their correct descriptions.
11. Match common cardiac procedures to their correct descriptions.

Application: What the student should be able to do

12. Diagram setup used in closed cardiac procedures. (Assignment Sheet 1)
13. Diagram setup used in open cardiac procedures. (Assignment Sheet 2)
14. Determine needs for vessel harvesting. (Assignment Sheet 3)
15. Determine appropriate actions and relevant supplies for cardiac surgical procedures. (Assignment Sheet 4)
16. Perform surgical duties during insertion of transvenous pacemaker. (Job Sheet 1)
17. Perform surgical duties during percutaneous transluminal coronary angioplasty (PTCA). (Job Sheet 2)
18. Perform surgical duties during intra-aortic balloon pump insertion (IABP). (Job Sheet 3)
19. Perform surgical duties during pericardectomy (pericardial window). (Job Sheet 4)
20. Perform surgical duties during thymectomy. (Job Sheet 5)
21. Perform surgical duties during coronary bypass grafts without cardiopulmonary bypass (OpCAB). (Job Sheet 6)
22. Perform surgical duties during coronary bypass grafts with cardiopulmonary bypass. (Job Sheet 7)
23. Perform surgical duties during port-access minimally invasive heart surgery. (Job Sheet 8)
24. Perform surgical duties during mitral valve repair or replacement (open or port-access). (Job Sheet 9)
25. Perform surgical duties during ventricular aneurysm. (Job Sheet 10)
26. Perform surgical duties during ascending aortic aneurysm. (Job Sheet 11)

Module 11: Peripheral Vascular Surgery

Related information: What the student should know

1. Select true statements concerning the primary purposes of peripheral vascular surgery.
 2. Identify anatomy relevant to vascular structures.
 3. Identify greater systemic and portal circulatory structures.
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4. Match examples of pathologies for peripheral vascular surgical intervention to their correct descriptions.
5. Match common peripheral vascular diagnostic approaches to their correct descriptions.
6. Select true statements concerning special considerations for peripheral vascular procedures.
7. Complete statements concerning special equipment used in peripheral vascular surgery.
8. Select true statements concerning special supplies used in peripheral vascular surgery.
9. Identify special instrumentation for peripheral vascular surgery.
10. Match relevant positions and incisions for peripheral vascular surgery to their correct procedures.
11. Match common peripheral vascular procedures to their correct descriptions.

Application: What the student should be able to do

12. Diagram setup used in closed peripheral vascular procedures. (Assignment Sheet 1)
13. Diagram setup used in open peripheral vascular procedures. (Assignment Sheet 2)
14. Determine appropriate actions and relevant supplies for peripheral vascular surgical procedures. (Assignment Sheet 3)
15. Perform surgical duties during percutaneous transluminal angioplasty procedures. (Job Sheet 1)
16. Perform surgical duties during insertion of aortic intraluminal stent. (Job Sheet 2)
17. Perform surgical duties during insertion of vena cava filter. (Job Sheet 3)
18. Perform surgical duties during insertion of external arteriovenous shunt. (Job Sheet 4)
19. Perform surgical duties during embolectomy. (Job Sheet 5)
20. Perform surgical duties during carotid endarterectomy. (Job Sheet 6)
21. Perform surgical duties during bypass graft. (Job Sheet 7)
22. Perform surgical duties during repair of aortic aneurysm. (Job Sheet 8)
23. Perform surgical duties during placement of portasystemic shunts. (Job Sheet 9)
24. Perform surgical duties during placement of arteriovenous shunt. (Job Sheet 10)
25. Perform surgical duties during vein stripping. (Job Sheet 11)

Module 12: Pediatric Surgery

Related information: What the student should know

1. Complete statements concerning primary purposes of pediatric surgery.
2. List three major classifications of indications for surgery on the pediatric patient, citing one example for each.
3. Select true statements concerning basic developmental differences between pediatric and adult patients.
4. Select true statements concerning psychosocial concerns associated with caring for the pediatric patient, particularly in preoperative preparation.
5. Complete statements concerning special intraoperative considerations for the pediatric patient.
6. Match basic pediatric supplies and equipment to their correct descriptions.
7. Select true statements concerning basic pediatric instrumentation.
8. Match common general and gastrointestinal pediatric procedures to their correct descriptions.
9. Match common urological pediatric procedures to their correct descriptions.
10. Select true statements concerning common orthopedic pediatric procedures.
11. Select true statements concerning common plastic and reconstructive pediatric procedures.
12. Describe common ENT pediatric procedures.
13. Select true statements concerning common neurosurgical pediatric procedures.
14. Match common thoracic and cardiovascular pediatric procedures to their correct descriptions.

Application: What the student should be able to do

15. Maintain normal physiologic and psychological function in the pediatric patient. (Assignment Sheet 1)
16. Determine appropriate actions during interviewing, preparatory and surgical approach for a pediatric inguinal hernia repair. (Assignment Sheet 2)
17. Perform surgical duties during pediatric inguinal herniorrhaphy. (Job Sheet 1)
18. Perform surgical duties during pediatric pyloromyotomy. (Job Sheet 2)
19. Perform surgical duties during repair of tracheoesophageal fistula (TEF). (Job Sheet 3)
20. Perform surgical duties during congenital diaphragmatic hernia repair (CDH). (Job Sheet 4)
21. Perform surgical duties during treatment of biliary atresia. (Job Sheet 5)
22. Perform surgical duties during omphalocele or gastroschisis repair. (Job Sheet 6)
23. Perform surgical duties during colorectal resection for Hirschsprung's disease. (Job Sheet 7)

Module 13: Trauma Surgery

Related information: What the student should know

1. Select true statements concerning critical care of the trauma patient.
2. Select true statements concerning mechanisms of injury (MOI).
3. Match trauma scoring systems to their correct descriptions.
4. Explain the importance of "The Golden Hour."
5. Describe the three phases of traumatic death.
6. Complete statements concerning pre-hospital EMS triage and transport.
7. Describe important information relayed to the OR before or during transport to the hospital or trauma center.
8. Select true statements concerning the sequence of events for in-house triage and transport.
9. List examples of essential expertise levels required in the surgical trauma room.
10. Complete statements concerning basic trauma emergency cart contents.
11. Describe basic table setups commonly used in Category I trauma cases.
12. Arrange in order the required priority actions for a Category I trauma case.
13. List characteristics for each essential professional trauma room quality.
14. Select true statements concerning distinctive elements or focus points that sustain momentum and create solid operative strategy.
15. Select true statements concerning common face and neck trauma.
16. List four common head trauma injuries.
17. Describe common methods of injury for spinal trauma.
18. Select true statements concerning common thoracic trauma.
19. Select true statements concerning common abdominal trauma.
20. List one example for each common genitourinary trauma type.
21. Match common orthopedic trauma injuries to their correct descriptions.
22. Select true statements concerning common trauma in the pediatric, pregnant and elderly population.
23. Complete statements concerning organ procurement and transplant after fatal injury.
24. Arrange in order steps in the transplant donation procedure.

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Application: What the student should be able to do

25. Practice critical thinking skills under stress. (Assignment Sheet 1)
26. Determine appropriate actions during organ procurement and transplant (OP/T). (Assignment Sheet 2)
27. Perform surgical trauma duties involving the chest. (Job Sheet 1)
28. Perform surgical trauma duties involving the abdomen. (Job Sheet 2)