

Head and Neck

Exposures/Incisions – Essential

<i>PROCEDURE</i>	<i>Required Number</i>	<i>Fellow's Number</i>
Neck exploration	5	

Neck explorations include collar incisions, sternocleidomastoid incisions, and thoracic extensions to the neck for vascular exposure.

Elective cases that provide additional operative exposure to essential structures of the neck include thyroidectomy, parathyroidectomy, and cervical lymphadenectomy.

****ASSET course may be used to satisfy 1 case requirement for all categories.**

Organ Management – Essential

<i>ORGAN</i>	<i>PROCEDURE</i>	<i>Required Number</i>	<i>Fellow's Number</i>
Trachea	Tracheostomy (either percutaneous or open)	10	

Organ Management – Desired

<i>ORGAN</i>	<i>PROCEDURE</i>	<i>Fellow's Number</i>
Brain	Burr hole ICP monitor Craniotomy/craniectomy	
Eye	Canthotomy	
Trachea	Tracheal resection/repair Cricothyroidotomy	
Esophagus	Esophageal resection/repair	

Thoracic

Exposures/Incisions - Essential:

<i>PROCEDURE</i>	<i>Required Number</i>	<i>Fellow's Number</i>
Thoracotomy	10	
Thoracoscopy	10	
Sternotomy	10	
Pericardiotomy	5	

Pericardiotomy includes sub-xiphoid, transdiaphragmatic and transthoracic approaches including open cardiac massage following resuscitative thoracotomy.

Organ Management – Essential

<i>ORGAN</i>	<i>PROCEDURE</i>	<i>Required Number</i>	<i>Fellow's Number</i>
Lung	Pleural Space	5	
	Lung Parenchyma	5	
	Bronchoscopy	20	
Diaphragm	Diaphragm	3	
Heart	Cardiac	5	

Diaphragm cases may include thoracoabdominal exposure for spine surgery.

Cardiac cases may include elective or emergent cases requiring cardiac suture or repair.

Organ Management – Desired

<i>PROCEDURE</i>	<i>Fellow's Number</i>
Trachea/bronchus repair or resection	
Esophageal repair or resection	
Chest wall resection or reconstruction (includes rib plating)	
Thoracic great vessel repair or reconstruction – open or endovascular	
ECMO/extracorporeal bypass	

Abdominal

Exposures/Incisions – Essential

<i>PROCEDURE</i>	<i>Required Number</i>	<i>Fellow's Number</i>
Enteral access	5	
Laparotomy	10	
Diagnostic laparoscopy	5	
Hepatic mobilization	2	
Damage control techniques	10	
Complex laparoscopy	10	

Complex laparoscopy includes colectomy, lysis of adhesions, common bile duct exploration, Graham patch, hernia repair, or enteral access.

Organ Management – Essential

<i>ORGAN</i>	<i>PROCEDURE</i>	<i>Required Number</i>	<i>Fellow's Number</i>
Liver	Re-exploration of hepatic wound, hepatotomy, hepatectomy (donor or partial), transplantation	5	
	Management of hemorrhage	3	
Spleen	Splenectomy, splenorrhaphy	2	
Kidney	Exploration, nephrectomy (partial or complete), repair, transplant	3	
Pancreas	Drainage, resection, repair, transplant	5	
Stomach	Gastrectomy, management ulcer or injury	5	
Duodenum	Management ulcer or injury	2	
Small intestine	Resection, repair, lysis of adhesions, management volvulus, intussusception, internal hernia	10	
Colon and Rectum	Colectomy, colostomy, repair, management rectal injury	10	
Biliary system	Partial or subtotal cholecystectomy, common bile duct exploration, hepaticoenterostomy; open cholecystectomy	3	
Bladder	Repair, resection	3	
Ureter	Repair, stent	1	
	Abdominal wall reconstruction	Desirable	

Vascular

Exposures/Incisions – Essential

<i>PROCEDURE</i>	<i>Required Number</i>	<i>Fellow's Number</i>
Left medial visceral rotation	2	
Right medial visceral rotation	5	
Infrarenal aorto-pelvic exposure	3	
Brachial exposure	3	
Femoral exposure	5	
Popliteal exposure	2	
Retrograde balloon occlusion of aorta Trap door incision Cervical extension from sternotomy Supraclavicular incision Infraclavicular incision	Desired	

Organ Management – Essential

<i>PROCEDURE</i>	<i>Required Number</i>	<i>Fellow's Number</i>
Management of arterial injury or occlusion	10	
Open arterial bypass graft		
On-table arteriography		
Thromboembolectomy		
Repair arteriotomy or venous injury		
Fasciotomy	5	
Placement IVC Filter Amputation of extremity	Desired	

Ultrasound

<i>PROCEDURE</i>	<i>Required Number</i>	<i>Fellow's Number</i>
FAST/E-FAST	25	
US evaluation of cardiac function	15	
US guided drainage of pleural space	5	
US guided CVL placement	5	
TEE Percutaneous cholecystectomy US guided pericardiocentesis US guided IVC filter placement	Desired	

Management of Complex Trauma

<i>PATIENT INJURY COMPLEX</i>	<i>Required Number</i>	<i>Fellow's Number</i>
Patients with ISS > 25	15	
Patient receiving MTP (10 units RBCs/24 hrs)	10	
Grade 4-5 liver injury	5	
Thoracic injury with AIS > 4 Unilateral flail segment > 3 ribs with contusion Bilateral flail chest >3 rib fx with hemoPTX Bilateral > 3 rib fx with or without hemoPTX Open "sucking" chest wound Major pulmonary vascular injury Complex/rupture of bronchus distal to mainstem Lung laceration with hemothorax with >20% volume blood loss Lung laceration with a tension PTX	5	
Unstable pelvic fx (hemodynamically unstable requiring red cell transfusion)	5	
TBI with intracranial HTN	5	
Management of blunt descending aortic injury	2	

Management of Complex EGS

<i>PATIENT SEVERITY OF ILLNESS</i>	<i>Required Number</i>	<i>Fellow's Number</i>
EGS damage control surgery/staged GI reconstruction	2	
NSTI with severe sepsis	2	
Perforated viscus with septic shock	2	