

Lectures covering the Model of the Clinical Practice of Emergency Medicine

Section	Week	Title	Topics
18. Traumatic Disorders	103	<i>Approach to Life-Threatening Trauma [part 1]</i>	<i>EMS information</i> <i>Global patient status</i> <i>Primary survey</i> <i>Airway and oxygenation</i> <i>Breathing and ventilation</i> <i>Circulation and shock</i> <i>Neurological disability</i> <i>Environmental concerns</i> <i>Adjuncts to the primary survey</i> <i>Monitoring</i> <i>Portable radiography</i> <i>Chest</i> <i>Pelvis</i> <i>Beside abdominal evaluation</i> <i>FAST</i> <i>DPTL</i> <i>Other bedside testing</i>
	104	<i>Approach to Life-Threatening Trauma [part 2]</i>	<i>History</i> <i>Confounding medical conditions</i> <i>Medications, alcohol, and drugs</i> <i>Physical examination</i> <i>Head and face</i> <i>Neck</i> <i>Chest</i> <i>Abdomen and flanks</i> <i>Pelvis</i> <i>Genitalia, perineum, and rectum</i> <i>Extremities</i> <i>Back</i> <i>Adjuncts to the physical exam</i> <i>Laboratory studies</i> <i>Plain radiography</i> <i>Computed tomography</i> <i>Angiography</i> <i>Disposition</i> <i>Organ donation</i>
	105	Penetrating Neck & Torso Trauma	Penetrating neck & torso trauma [including role of imaging] 18.01.01(c) Penetrating abdominopelvic Trauma [SWs, GSWs, frags] Anterior Flank Back Perineum 18.01.02(e) Penetrating chest trauma Central Peripheral Thoracoabdominal 18.01.09(b) Penetrating neck trauma Anterior Zone I [similar to chest] Zone II Zone III Posterior

	106	Blunt Facial Trauma	18.01.04 Facial fractures [including brief review of imaging] 18.01.04(b) Maxillary 18.01.04(c) Mandibular 18.01.04(d) Nasal Orbital Zygomatic Facial soft-tissue injuries Abrasions and contusions Complex lacerations Deep-structure injuries Salivary glands Nerves Tongue
	107	Blunt Head Trauma	18.01.06 Head trauma [including brief review of imaging] 18.01.06(a) Intracranial injury Epidural hematoma Subdural hematoma Subarachnoid hemorrhage Intracerebral hemorrhage 18.01.06(b) Scalp lacerations / avulsions 18.01.06(c) Skull fractures Traumatic brain injury (TBI) Severe [and herniation] Moderate Mild [and concussion]
	108	Blunt Spine and Spinal-Cord Trauma	18.01.07 Injuries of the spine (all segments) [including brief review of imaging] 18.01.07(a) Dislocations / subluxations 18.01.07(b) Fractures 18.01.07(c) Sprains / strains 18.01.15(d) Spinal cord injury 18.01.15(e) Spinal cord injury without radiographic abnormality

	109	Blunt Anterior-Neck and Chest Trauma	18.01.02 Chest trauma [including brief review of imaging] 18.01.02(a) Aortic dissection / disruption 18.01.02(b) Contusion 18.01.02(b1) Myocardial 18.01.02(b2) Pulmonary 18.01.02(c) Fracture 18.01.02(c1) Clavicle [and dislocation] 18.01.02(c2) Ribs / flail chest 18.01.02(c3) Sternum / flail chest 18.01.02(d) Hemothorax 18.01.02(f) Cardial tamponade 18.01.02(g) Pneumothorax 18.01.02(g1) Simple 18.01.02(g2) Tension 18.01.02(g3) Open 18.01.02(h) Traumatic asphyxia 18.01.01(a) Diaphragm 18.01.09 Neck trauma 18.01.09(a) Laryngotracheal injuries 18.01.09(c) Vascular injuries 18.01.09(c1) Arterial system 18.01.09(c2) Venous system 18.01.09(d) Strangulation Aerodigestive injuries Esophagus Pharynx
	110	Blunt Abdominal Trauma	18.01.01 Abdominal trauma [including brief review of imaging and other diagnostic modalities] 18.01.01(a) Diaphragm 18.01.01(b) Hollow viscus 18.01.01(d) Retroperitoneum 18.01.01(e) Solid organ 18.01.01(f) Vascular 18.01.05 Genitourinary trauma 18.01.05(c) Renal 18.01.05(d) Ureteral
	111	Blunt Pelvic Trauma	18.01.05 Genitourinary trauma [including brief review of imaging] 18.01.05(a) Bladder 18.01.05(b) Genitalia Female [external and internal] Male [external and internal] 18.01.13 Pelvic fracture 18.01.13(a) Nondisplaced Avulsion Simple 18.01.14(b) Ring disruption [and likelihoods of associated injuries] Anteroposterior compression Lateral compression Vertical shear Central acetabular fracture Combined mechanism

	112	Peripheral Vascular Trauma	Peripheral vascular trauma Initial management Imaging and ultrasound Disposition
	113	Trauma in Pregnancy	Important physiological changes 18.02.01 Abruptio placentae 18.02.02 Perimortem Caesarian section 18.02.03 Premature labor 18.02.04 Uterine rupture Blunt Penetrating Maternal-fetal hemorrhage