ANATOMY

Arm fractures: nerves affected by humerus fracture location

ARM fracture:
- From superior to inferior:
  Axillary: head of humerus
  Radial: mid shaft
  Median: supracondular

Knowledge Level 1, System: Skeletal
Ritesh Patel  M.D.

Hand fractures: Colle's vs. Smith's

Colle's fracture: arm in fall position makes a 'C' shape.
Smith's fracture: arm in fall position makes a 'S' shape.
See diagram.
Knowledge Level 1, System: Skeletal
Soichiro Fushimi  Okayama University Medical School, Japan

CARDIOLOGY

Apex beat: differential for impalpable apex beat

DOPES:
- Dextrocardia
- Obesity
- Pericarditis/ Pericardial tamponade/ Pneumothorax
- Emphysema
- Sinus inversus/ Student incompetence/ Scoliosis/ Skeletal abnormalities (e.g., pectus excavatum)

Knowledge Level 2, System: Cardiovascular
Fiona Hayes and Moses Lee Tong Chsia and Dalton Boyo  UWCM, Cardiff, UK and Not Specified and Medical Student

EMERGENCY MEDICINE

JVP: raised JVP differential

PQRST (EKG waves):
- Pericardial effusion
- Quantity of fluid raised (fluid over load)
- Right heart failure
- Superior vena caval obstruction

Tricuspid stenosis/ Tricuspid regurgitation/ Tamponade (cardiac)
Knowledge Level 5, System: Cardiovascular
Dr. Mohsin Maqbool  Bahawal-Victoria Hospital, Bahawalpur

ENT

Nasopharyngeal carcinoma: classic symptoms

NOSE:
- Neck mass
- Obstructed nasal passage
- Serous otitis media externa
- Epistaxis or discharge

Knowledge Level 3, System: Pulmonary
Anonymous Contributor

GASTROENTEROLOGY
**Vomiting: extra GI differential**

**VOMITING:**
Vestibular disturbance/Vagal (reflex pain)
Opiates
Migraine/Metabolic (DKA, gastroparesis, hypercalcemia)
Infections
Toxicity (cytotoxic, digitalis toxicity)
Increased ICP, Ingested alcohol
Neurogenic, psychogenic
Gestation
Knowledge Level 3, System: Alimentary
Anil Pandit, Manipal College of Medical Sciences, Pokhara, Nepal

**IMMUNOLOGY**

**DiGeorge Syndrome: features**

The disease of T’s:
Third and 4th pharyngeal pouch absent.
Twenty-Two chromosome
T-cells absent
Tetany: hypocalcemia
Knowledge Level 2, System: Lymphoid
Anonymous Contributor

**INTERNAL MEDICINE / FAMILY PRACTICE**

**Pleural effusion: investigations**

**PLEURA:**
Pleural fluid (thoracentesis)
Lung, pleural biopsy
ESR
Ultrasound
Radiogram
Analysis of blood
Knowledge Level 2, System: Pulmonary
Huiquan Zhao, Children Hospital, Cincinnati

**INTERVIEWING / PHYSICAL EXAM**

**Physical examination - correct order**

“T Palpate People’s Abdomens”:
Inspection
Palpation
Percussion
Auscultation
Knowledge Level 1, System: Other/Miscellaneous
Jim McHugh, St George’s, London

**OPHTHAMOLOGY / OPTOMETRY**

**Cataracts: differential**
**CATARA**
Congenital
Aging
Toxicity (steroids, etc)
Accidents
Radiation
Abnormal metabolism (DM, Wilsons, etc)
Knowledge Level 2, System: Nervous
Robert O'Connor  University College Dublin

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**PATHOLOGY**

**MI: post-MI complications**

**ACT RAPID:**
- Arrhythmias (SVT, VT, VF)
- Congestive cardiac failure
- Tamponade/ Thromboembolic disorders
- Rupture (ventricle, septum, papillary muscle)
- Aneurysm (ventricle)
- Pericarditis
- Infaction (a second one)
- Death/ Dressler's syndrome
Knowledge Level 2, System: Cardiovascular
Dr. Huw Davies

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**PEDIATRICS**

**Cerebral palsy (CP): most likely cause**

CP: Cerebral Palsy
Child Premature
The premature brain is more prone to all the possible insults.
Knowledge Level 1, System: Nervous
Anonymous Contributor