

SRMO Teaching Activity

- Teaching lead: Dr Majid Makki
- Targeted candidates: all SRMO at PH Emergency department.
- In person / virtual, depends on the agenda of the session and logistics.
- Duration: five hours. (Including 30 min break)
- Frequency: monthly
- Attendance: 75% of the sessions is the minimal requirement per candidate
- Protected time to be provided by ED administration / rostering team, if possible.
- Session outline (per day):
 - Two presentations of ED clinical topics (to be delivered by two SRMOs) each month as per the curriculum.
 - Challenging clinical scenario, run by teaching lead and managed by SRMO.
 - Procedure of the day. (By the teaching lead & SRMO)
 - Quiz of the day. (ECGs, VBGs, images, etc.)
 - Opportunity to attend the M&M meeting

Curriculum & topics

1. Resuscitation

- BLS & ALS
- Airway & ventilation
- Circulation & Hemodynamics

2. Trauma

- General Approach as per ATLS
- Head trauma
- Facial trauma
- Neck trauma
- Thoracic trauma
- Abdominal trauma
- Pelvic trauma
- Spine trauma & fractures
- Long bone fractures (upper & lower limbs)
- Trauma in special population (Peds, pregnant, elderlies)
- Burns

3. Shock

- Hypovolemic shock
- Hemorrhagic shock
- Obstructive shock
- Anaphylaxis shock
- Septic shock

- Cardiogenic shock
- Adrenal shock
- Spinal & neurogenic shock

4. GI Emergencies

- Esophagus
- Stomach & bowel
- Rectum & anus
- Pancreas & spleen

5. Cardiovascular Emergencies

- ACS & MI
- Heart failure
- Arrhythmia

6. Dermatological Emergency

- Approach to rash in ED with DD

7. Endocrine & Metabolic Emergencies

- DKA & HHS
- Thyroid emergencies
- Adrenal crisis

8. Respiratory

- Approach to respiratory failure
- Asthma
- COPD

- Pneumonia
- PTX
- Plural effusion

9. ENT & Ophthalmology Emergencies

- Ear emergencies
- Epistaxis
- Oropharynx emergencies
- Approach to red eye, painful eye & loss of vision

10. Musculoskeletal Emergencies

- Painful joint in ED
- Low back pain in ED
- Soft tissue emergencies

11. CNS Emergencies

- Stroke & TIA
- ICH & SAH
- Cranial nerve palsies
- Approach to headache in ED
- GBS & MG
- Seizure disorders
- Spinal cord emergencies

12. Renal & GU Emergencies

- Approach to renal colic in ED
- Approach to urine retention in ED

- Approach to renal failure (acute vs chronic)
- Dialysis patient
- Priapism
- Acute scrotal pain

13. OB-GYN in ED

- Bleeding in early pregnancy
- Bleeding in late pregnancy
- Post-partum Bleeding
- Pre-eclampsia & Eclampsia
- Approach for delivering lady in ED

14. Toxicology

- ED approach to intoxicated patient
- Management of specific toxins. (Many!)

15. Environmental Emergencies

- Hypothermic patient
- Hyperthermic patient
- Envenomation
- Electrical injuries

16. Hematology & Oncology emergencies

17. Mental health and Psych

18. Pediatric in ED

- Approach to febrile kid
- Neonatal emergencies

- NAI
- Peds Respiratory presentation in ED
- Peds GI presentation in ED
- MS injuries in Peds, analgesia & sedation