

April 2024 Role of the Emergency Department

Week 1: 3/4/2024

Theme: Trauma

Chair: Abrar Waliuddin

Time	Hot Topics	Speaker
10:00 – 11:00	Role of Trauma Centres, designation levels and why they exist Recognition of major trauma - Referral and transfer criterion - Utility of Trauma Scores Role allocation and PPE Principles in trauma management Trauma resuscitation priorities and common procedures Traumatic cardiac arrest algorithm Medical Expertise 3.20 Trauma TS 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.12, TS 3.2, 3.3, 3.4, 3.5, 3.7	Julian Loo Yong Kee + Tim Darby
11:00 – 12:00	Broken necks and Broken Backs Spinal trauma ASIA impairment scale Recognition of fracture pattern types and cord syndromes Principles of immobilization and the controversy of cervical collars Demonstration on application of cervical collars (hard, soft, philladelphia) Neurogenic and spinal shock - Diagnosis - Treatment Medical Expertise 2.3 TS1.9 (n & o), 2.4 TS 1.14c, TS3.8c, d(iv), 2.5 plain radiology images of cervical spine, thoracolumbar spine, CT spine, 3.19 TS1.1c, 1.2, 3.21 TS 1.17 (a & B) Medical Expertise 3.4 TS 3.4 Medical Expertise 3.20 TS2.7(d) Procedures in EM sizing and application of rigid cervical collar, in-line cervical spine immobilization, full spinal immobilization, log roll and transfer	Ian Hong + Lucy Fell
12:00 – 12:15	Journal Club	Raj Pawar
12:15 – 12:30	Department Update	Gaby/Jon

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1230 - 1300	Break	
13:00 – 15:00	Morbidity & Mortality Meeting & Local Audits	Herman Chui, Emma Williams, Oli Gaitsgory

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Week 2: 10/04/2024

Theme: Trauma

Chair: Dawn Chan

What are we doing? <ul style="list-style-type: none">• IO basics – rep demo• Splints – pelvic, femoral, arterial tourniquet• US in trauma Scenarios – trauma team training	Why are we doing this? <p><u>Medical Expertise</u></p> <p>2.3 Resuscitation Medicine</p> <ul style="list-style-type: none">• TS1 1.1-1.9• TS2 2.1-2.7e/f/g/k/l• TS3 3.2-3.8, 3.11-3.16a/c/d/f/q/u/v• TS4 4.4-4.12 <p>3.20 Trauma</p> <p>3.23 Procedures in EM</p> <ul style="list-style-type: none">• Circulation<ul style="list-style-type: none">○ Peripheral IV (adult)○ Insertion of RIC○ IO access• Orthopaedic and neurological<ul style="list-style-type: none">○ In-line C-spine immobilisation○ Full spinal immobilisation○ Application of pelvic binding device○ Application of traction splinting device• Ultrasound <p><u>Communication</u></p> <p>1. Principles of effective communication</p> <ul style="list-style-type: none">• TS1 1.2, 1.4, 1.5• TS2 2.1, 2.2• TS3 3.1• TS4 4.1-4.5 <p><u>Teamwork and Collaboration</u></p> <ul style="list-style-type: none">• TS1 1.1-1.7, 1.11-1.15• TS2 2.1-2.13• TS3 3.1-3.22• TS4 4.1-4.15 <p><u>Leadership and Management</u></p> <ul style="list-style-type: none">• TS1 1.1-1.4• TS2 2.1-2.3• TS3 3.4-3.5• TS4 4.1-4.3
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Week 3: 17/04

Theme: Special Populations Trauma

Chair: Mahes Masilamany

Time	Hot Topics	Speaker
10:00 – 11:00	Excelling at managing our Peninsula patient Demographic <ul style="list-style-type: none"> - Silver (Geriatric) trauma - Rib fracture management - Falls in the elderly - GEDI presentation and “how to think like a geriatrician” (Jessica) <p>Medical Expertise 3.20 TS2.7e, TS 3.13c Medical Expertise 3.22 TS1.4(a&c), 1.15, TS 2.7a</p>	Hiliary Devalle Jessica Manzoni
11:00 – 11:45	A car crashes driven by an expecting mother with her toddler in the back. Take a breath... the principles are similar <p>Paediatric Trauma</p> <ul style="list-style-type: none"> - Difference in physiology and injury patterns - Differences in blood product dosing <p>Obstetric Trauma</p> <ul style="list-style-type: none"> - Changes to ACLS - Uterine Rupture - Placental Abruption - Imaging in pregnant trauma patients <p>Medical Expertise 3.20 TS 3.12, 3.13a&b, 3.15, 3.17 Medical Expertise 3.21 TS2.2, 2.3, 2.15, 2.24 Medical Expertise 2.3 TS4.2</p>	Maelvin Joshua & Esha Sahnar
12:15 – 12:30	Department Update	Gaby/Jon
1230 - 1400	Plaster workshop masterclass <ul style="list-style-type: none"> - Splints: back slabs, u-slabs, volar slabs, hanging U - Casts – below and above elbow, moulding, thumb spika 	Ben Edwards (Nurse Prac) Tim Darby

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	- Reductions – principles of reduction, colle's	
14:00 – 15:00	Paediatric Trauma, pulled elbows and the limping child	Paediatrics

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Week 4: 24/04/2024

Theme: Resuscitation & Non-Clinical Skills

Chair: Tim Smith

Time	Hot Topics	Speaker
10:00 – 10:45	Orientation to the Resuscitation Space <ul style="list-style-type: none"> Processes Airway checklists Medical Expertise 2.3, TS3.5 Bat calls and preparation to receive patient Primary survey Medical Expertise 2.3, TS11, 1.2, 1.4, TS3.9 Resus team roles/ responsibilities Morning resus huddle and allocations AV arrivals Screen Preparing to Receive a Pt Hands off handover Teamwork & Collaboration TS4.10, 4.9, communication 2 TS1.15, TS 2.2, TS 3.10, TS 4.7 Debriefing ME TS4 4.8, Teamwork & Collaboration TS2.10, TS 3.18, TS 4.7, 4.8, 4.16 & 4.17 	Tim Smith
10:45 – 11:15	Non-technical skills in Emergency Medicine and Crisis Resource Management <p>L&M 4 Leadership in the Emergency Department, TS</p> <ul style="list-style-type: none"> Zero-point survey TS 2.1, 3.2 Team leadership and followship – TS3.4, 3.3, 4.3, 4.4, 4.1, 3.17 Communication and collaboration – TS3.6, 3.7 Human Resource Management TS 2.3, 	Monique Keet
11:15 – 12:15	Hands on equipment skills and medication safety <ul style="list-style-type: none"> Resus Scavenger Hunt Trolley Locations & Restocking Giving Medications & Medication Safety Fluid Line Priming Races and Troubleshooting 	Tim/ Sam Burton (nurse educator)
12:15 – 12:30	Department Update	Gaby/Jon

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1230 - 1300	Break	
13:00 – 14:00	In-Situ Simulation Trauma Theme Medical Expertise 3.20 TS 2.6	Tim, Glen Halvorson (simulation educator), Sam Burton (nurse educator)
14:00 – 15:00	Radiology Education Session	Radiologist