Teaching Schedule Overview for Exeter ED

(Week 1 is first week after rotation of trainees in August & September. 26-week schedule so each topic is covered twice per calendar year)

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| **(Teaching Week No.) Topic of Focus** | **Learning Bites** |
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| (0) Pre-Start of Run. Induction & Departmental Website | Intro generic structure & outline of departmental processes, procedures & teaching |
| 1. Resus Adult | Portfolio Builder = SLO: 3 Resus & Stabilise  Syllabus Focus = Adult Resuscitation  Metacognition/DDx = Approach to thinking in ED SLO 2 & 7  Approach to… : ALS Cardiac Arrest  Procedure = DIVA - IO Insertion USS IV / A-line EJ / Easy IJ / CVC |
| 1. Resus Paediatrics | Portfolio Builder = SLO: 3  Syllabus Focus = Resus Paediatric  Metacognition/DDx = Approach to thinking in ED SLO 2 & 7  Approach to… : Paediatric life Support (RCUK) ALS  Procedure = Humeral IO insertion |
| 1. Resus Adult & Paed Dysrhythmias | Portfolio Builder = SLO: 3  Syllabus Focus = Resus  Metacognition/DDx = Approach to thinking in ED SLO 2 & 7  Approach to… : Adult & Paed arrythmia  Procedure = Transcutaneous pacing |
| 1. Major Trauma 1 Adult & Paed | Portfolio Builder = SLO: 4 Injured Pt  Syllabus Focus =Trauma Care  Metacognition/DDx = Introduction to the Approach to thinking in ED SLO 2 & 7  Approach to… : The Trauma Call  Procedure = Pleural Decompression / Chest Drains + Ultrasound in trauma eFAST / FAFF |
| 1. Major Trauma 2 Adult & Paed | Portfolio Builder = SLO: : 4 Injured Pt Care / Trauma  Syllabus Focus = Trauma Care  Metacognition/DDx = Introduction to clinical reasoning & thinking in the ED  Approach to… : Traumatic Cardiac Arrest HOTT protocol  Procedure = ED Thoracotomy |
| 1. Ortho UL & Paed | Portfolio Builder = SLO 2 & 7  Syllabus Focus = MSK  Metacognition/DDx = Ortho SCARed of mnemonic & lecture (EMCASES).  Approach to… : NAI  Procedure = Shoulder dislocations / elbow dislocations / finger reductions & blocks Hip dislocations, femur splint & traction, Petella, knee, ankle. N.B. Casting / Minors videos  Approach to… : NAI |
| 1. Ortho LL & Spine & Paed | Portfolio Builder = SLO 4 Care of the Injured Patient  Syllabus Focus = MSK  Metacognition/DDx = Back Pain Red Flags & DDx not to miss  Approach to… : Open #  Procedure = Nerve Block & LAST Mx |
| 1. Neurology | Portfolio Builder = SLO 8 Lead the ED Shift  Syllabus Focus = Neurology  Metacognition/DDx = Neurology DDx by Localisation & Timing  Approach to… : Vertigo  Procedure = Vertigo Procedures (Dx & Mx) |
| 1. Neurology/NeuroSurgery | Portfolio Builder = SLO 8 Lead the ED Shift  Syllabus Focus = Neurology / NeuroSurgery  Metacognition/DDx = Altered Mental State DDx Schema  Approach to… : AMS & COMA  Procedure = Airway Mx & RSI |
| 1. Paediatrics 1 | Portfolio Builder = SLO 5  Syllabus Focus = Paediatrics  Metacognition/DDx = DDx of the Collapsed Neonate  Approach to… : Spotting the Sick Child  Procedure = Paediatric Ketamine Sedation |
| 1. Paediatrics 2 | Portfolio Builder = SLO 5 Care for Children  Syllabus Focus = Paediatrics  Metacognition/DDx = Hypoxia DDx  Approach to… : Crashing Asthmatic  Procedure = High Flow Set Up |
| 1. Toxicology, Pharmacology & Exposures 1 | Portfolio Builder = SLO 5 Care for Children  Syllabus Focus = Toxicology  Metacognition/DDx = Toxidromes  Approach to… : The medical Mx of the Toxicology Patient  Procedure = Ventilator Set up (Hamilton T1 Cheat Sheet) |
| 1. Toxicology, Pharmacology & Exposures 2 | Portfolio Builder = SLO 9 Teach & Supervise  Syllabus Focus = Toxicology  Metacognition/DDx = The DDx of the Hot & Altered Pt in the ED  Approach to… : The medical Mx of the Toxicology Patient  Procedure = Cooling & Warming in Hyperthermia & Hypothermia |
| 1. Mental Health + Social & Abuse | Portfolio Builder = SLO 7 Complex & Challenging Situations  Syllabus Focus = Mental Health  Metacognition/DDx = The DDx of Psychosis  Approach to… : Mental Health in the ED  Procedure = RCEM Guideline on Mx of Acute Behavioural Disturbance (ABD) in the ED |
| 1. Geriatric Emergency Medicine (GEM) + End of Life Care | Portfolio Builder = SLO 12 Management  Syllabus Focus = GEM  Metacognition/DDx = The DDx of Hypoactive Delirium  Approach to… : Values / Goals of Care conversations & TEP  Procedure = AAA Ultrasound |
| 1. HEENT: Ophthalmology | Portfolio Builder = SLO 12 Management  Syllabus Focus = HEENT Ophthalmology  Metacognition/DDx = The DDx of Optic Disc Swelling/Papilledema  Approach to… : Diplopia (& Central v Peripheral Vision Loss)  Procedure = Opthal Skills & Lateral Canthotomy |
| 1. HEENT: ENT / Max-Fax | Portfolio Builder = SLO 12 Management  Syllabus Focus = HEENT  Metacognition/DDx = Stridor & Wheeze  Approach to… : Tracheostomy Emergencies  Procedure = Epistaxis & Rapid Rhino Insertion (or post tonsillectomy bleed Mx) |
| 1. Respiratory | Portfolio Builder = SLO 1: Approach to the stable patient  Syllabus Focus = Respiratory  Metacognition/DDx = The DDx of Dyspnoea & The Hypoxaemia Thought Train  Approach to… : Broncospasm  Procedure = Setting Up NIV & Hi Flow |
| 1. Cardiovascular | Portfolio Builder = SLO 1 Approach to the Stable Patient  Syllabus Focus = Cardiovascular  Metacognition/DDx = The DDx of ECG Changes Concerning For Ischaemia  Approach to… : Acute Aortic Syndrome  Procedure = Pericardiocentesis |
| 1. MSK/Rheumatology | Portfolio Builder = SLO 10 Participate in Research & Data Mx  Syllabus Focus = MSK / Rheumatology  Metacognition/DDx = The DDx of the Acute Hot Joint  Approach to… : Hot Joint Algorithm  Procedure = Arthrocentesis |
| 1. Fluids, electrolytes & Nutrition (FEN) + Renal/Urology & Endocrine | Portfolio Builder = SLO 11 QI  Syllabus Focus = Fluids, electrolytes & Nutrition (FEN) + Renal/Urology & Endocrine  Metacognition/DDx = The DDX of Lactic Acidosis  Approach to… : AKI in the ED  Procedure = USS in Shock |
| 1. GI, Gen Surgery | Portfolio Builder = SLO: 9  Syllabus Focus = GI  Metacognition/DDx = Abdominal pain  Approach to… : Lower GIB  Procedure = Various GI & Gen Surg |
| 1. O&G emergencies | Portfolio Builder = SLO: 8  Syllabus Focus = O&G  Metacognition/DDx = The DDx of acute pelvic pain  Approach to… : Hyperemesis Gravidarium  Procedure = Resuscitative Hysterotomy (Emergency Delivery and more) |
| 1. Haem/Onc – Haematology & oncology | Portfolio Builder = SLO: 11 QI  Syllabus Focus = Haem/Onc  Metacognition/DDx = DDx of Transfusion reaction  Approach to… : Neutropenic Sepsis (also reversal of anticoagulants)  Procedure = USS in ELS |
| 1. ID, Imm, Derm   Infectious disease/ immunology /dermatology | Portfolio Builder = SLO: 2  Syllabus Focus = ID, Imm, & Derm  Metacognition/DDx = The DDx of Rashes  Approach to… : Fever (& Returning Traveller)  Procedure = Burns Assessment & Debridement |
| 1. Admin / MAJAX | Portfolio Builder = SLO: 6  Syllabus Focus = Administration, Pre-Hospital & Major Incident  Metacognition/DDx = Thinking process & Triage in a major incident  Approach to… : Clinical Mx in a Major incident  Procedure = Decontamination Procedure |