

	Principles	Resuscitation	Anaesthetics	Medicine	ECG	XR	CT	Blood Ix	Other Ix	Rash	Photo	Paeds	Sx	O+G	Psych	Tox	Environmental	Radiology	Legal	Clin risk	Pre & Retrieval	Disaster	Admin/ Educ./ Research	
Week 1		H+M - massive	COPD Ventilator settings	COPD-drugs/ ventilator STEMI H+M Fever returned traveller	STEMI Inf/post/Wenkebach			ABG UE post morph- MAIK/Rac/A-a/ ExHCO3		E Multi.	E Multi.	OD Carbamazepine	Female Flank pain	Flank pain		Carbamazepine			Informed consent Involuntary restraint Negligence					
Week 2	Triage		Paed sedation	Aortic dissection A Flutter SC compression	AFlutter	CXR- Cancer/LRTI	CTB A/CSDH VP shunt	ABG- ↑K+/AG/ ExCO2				Sedation Nasal FB	Priapism CHI- A/CSDH VP shunt			OD ↑K+/? Dig			DNR order	DAMA				
Week 3			CVL site choice	Pleural effusion Cerebellar stroke Chest pain unit TIMI Score	VT young	CXR trauma	CTB Cerebellar infarct		Pleural asp		Paed burns to feet	Ingestion-Dishwash powder Burns feet	Ocular burn Foot bitumen burn HZO Sudden LOV	Eclampsia		Dishwashing powder				Chest inj. FWA Preparation		Chest pain unit		
Week 4				Meningococcus prophylaxis Anaphylaxis Cerebral SOL	STEMI ANT	Foot- LisFranc	CTB SOL	ABG HAGMA/R ac- AG/ A-a/Δgap			Facial swelling	Bronchiolitis	LisFranc Ischaemic leg	Preeclampsia						DNW				
Week 5			Near drowning Ventilator settings	Polyarthropathy Electrical alternans	Electrical alternans	CXR RMB ETT Paed elbow Supracondylar		ABG- M alk /R alk- AG/ A-a- Aspirin HAGMA				Limp 3yr Near drowning	Epistaxis			Organophosphate Warfarin (Aspirin- ABG only)	Near drowning RBS vs FWS							
Week 6		TTM trauma Mx Vasopressin	Sedation for Paed lip lac	Febrile neutropenia CAP- CORB/SMARTCOP/Ab choice	LBBB ? STEMI	CXR trauma AXR Volvulus Retrograde cystoscopy	CT KUB- Renal calculi GS	FBE pancytopenia		E Nodosum	Erythema nodosum	Lip lac- wound closure	Renal calculi Macroscopic haematuria Volvulus Wound closure options Fall astride											
Week 7		Toxic arrest- modifications		CNVII/ Bells palsy Pyoderma granulorum Aseptic meningitis CLD- decompensation Abdominal paracentesis	VT- toxic ingestion	CXR pneumomediastinum			CSF aseptic	Nec Fasc Pyoderma Gangrenosum		NAI 3/12 old	Nec fasc Pneumomediastinum			Drugs causing VT VF- Arrest modifications			Impaired physician					
Week 8		DCR AF- settings		AF- Rx strategy	Trifascicular B	CXR PTX tension		ABG NAGMA- AG/Δgap/ Ex CO2/ Ex K+			Paraphimosis Open # dislocation Ankle		Paraphimosis PTX tension			Paracetamol			Info. disclosure Competence					
Week 9		Massive transfusion	Failed intubation	Status epilepticus	STEMI INF + RV	CXR trauma	CTB EDH	ABG HAGMA- AG/Δgap/ Ex CO2/ Ex K+				Kawasakis EDH	Trauma- low BP, massive transfusion EDH Appendicitis			GHB (ABG ? Dig)		US for Appx CT for Appx		Restraint	ETT +/- pre CHI			
Week 10			BIPAP	COPD -BIPAP Inf STEMI Mx PPM FTC/FTS Ankle septic jt	PPM + STEMI inf	Pelvic trauma FAST scan		ABG HAGMA/ R Ac- AG/Δgap	Ankle aspiration	Impetigo	Eye hyphaema	Impetigo Dec GCS Paed SSU	Trauma pelvic Eye injury				DCI	FAST in pelvic trauma					SSU/ Paeds SSU	
Week 11		Escharotomy		Needlestick HIV prophyl Febrile neutropenia (diff to wk6) Bacterial peritonitis	STE aVr LMCA/ TVD	CXR cancer		ABG HAGMA- AG/Δgap/ Ex CO2	Peritoneal aspirate			Burns Analgesia	Renal Colic- medical expulsive Rx Burns Paed Escharotomy			Charcoal role Haemodialysis	BJF Irukandji	Ix ? renal colic						
Week 12				Stroke thrombolysis ROSIER scale Anaemia Ix Hyperkalaemia	↑K+ 75 bpm	Pelvic trauma Elbow dislocation	CT B- stroke	ABG/U+E- ↓Na AG/ Δgap/ Ex CO2/ A-a Anaemia				3/12 SOB Anaemia	Pelvic # Stab neck Elbow dislocation		Chemical restraint	ICE			Open disclosure Refusal of blood products	Restraint				Informed consent
Week 13		Hypotensive resus		CSF analysis CT prior to LP STEMI inf ↓ BP Hypercalcaemia	Junctional escape	Wrist lunate/ carpus dislocation	CT chest trauma	U+E/ CMP- ↑Ca+/Se osmo	CTG monitoring	Bullous rash		FC	Multitrauma Trauma pregnancy	Trauma pregnancy		Mushrooms		Pan scan in pregnant		Transfer trauma- preparation				
Week 14			Analgesic options in analgesic tolerant pt	Brugada syndrome DKA vs HONK HT urgency Orbital cellulitis ↑Na	Brugada	C spine R hip- # pelvis femur		U+E CMP- ↑Na- Se osmo/ AG				6/52 old V Jaundice neonatal	# pelvis/ femur C spine injury											
Week 15				GBS vs MS CHB Mx Haemoptysis Alcohol withdrawal DKA Mx	Wencheback CHB	Talus # CXR FB- oesophagus, trachea, button battery		ABG/ U+E/ Glu- HAGMA DKA- AG/ Δgap/ Ex CO2/ A-a/ Cor Na+			Finger amputation	Pain scores Supracondylar # CXR FB oesophagus	Talus# Amputation finger											
Week 16		Brooke- Parkland formula	Facial burns Indications for ETT in burns Failed intubation	Central vs peripheral vertigo Epiglottitis	STEMI- inf post	C spine soft tissue AXR- LBO/SBO Wrist- Galeazzi				Facial burns		Intussusception	Bowel obstruction	Vaginal D/c		SSRI		F/E XR in CSI						Distressed parent
Week 17		Hybrid resuscitation	Ventilator settings for Paed CHI	VT vs SVT AICD indications PPM and ? STEMI PVD/ cellulitis	Prolonged QT	Ankle #/ dislocation	CT Abdo- splenic rupture CTB EDH	FBE/U+E/LFT/Coags - HELLP syndrome			Eye hypopyon Feet- PVD/ cellulitis	Paed CHI EDH Ankle #/dislocation	Spleen trauma FAST scan findings Anterior uveitis	Ectopic pregnancy Preeclampsia HELLP LIF pain		OD → ↑QT		US findings in ectopic pregnancy						
Week 18			Optimising ventilation for chest trauma Ventilator settings for asthma	WPW AF Mx SAH – grade	WPW N rate	CXR trauma # ribs/ contusion	CTB SAH	ABG asthma/obesity- Resp Ac/ Met Ac- AG/ Δgap/ Ex CO2/ A-a			Neck stab Eye CRVO	Measles Fluid regime for gastro Dehydration assessment OD theophylline	Trauma team Chest trauma Neck stab CRVO			Theophylline								
Week 19			Extubation	PPM- FTC Malignant HT Phaeochromocytoma	PPM- FTC	Elbow dislocation + med epi. + rad head	CT Neck/chest - Sx emphysema	ABG/ U+E- Met alk			Fournier's gangrene Electrical burns	Elbow disloc	Elbow disloc Fournier's gangrene Dental drill- mediastinitis Electrical burns	1st trimester bleeding Se BHCh US			Electric shock	US findings of failed pregnancy					Distressed parent	
Week 20		Post arrest TTM Vasopressin	Difficult airway predictors Confirmation of ETT Elder neglect	ARF SVC obstruction	ECG in pregnancy RH strain	Paed # femur		U+E- Met ac - AG- ↑K+ ARF			SVC obstruction I/A drug injection	NAI- # femur	I/A drug injection	PE in preg - Ix		Antihistamine	Box jelly fish	PE Ix in pregnancy						
Week 21					NCT Paed	C spine #	CT orbit- blowout#	ABG/U+E/ Urine spot- Met Alk- Pyloric stenosis		TEN		TEN Pyloric stenosis SVT	CSI Steroids in SCI Blowout # Mesenteric ischaemia			Aspirin	Snake bite	Ix of mesenteric ischaemia		CSI transfer			Handover	
Week 22				CN III palsy Horner's synd STEMI- Reperfusion choice Predictors for successful reperfusion Transfusion reaction Alcoholic ketoacidosis	STEMI- inf + post	Facial XR		U+E/LFT- Alcoholic ketoacidosis			IIIN palsy Horner's synd	Fever no focus- fwt role BC role WCC role	GSW Facial # - Lefort classification	PPH (brief)		Quetiapine		Forensic collection					Research set up Reduce time to thrombolysis Drug seeker	
Week 23			LAMP LA toxicity	WPW AF Hypercalcaemia DVT Superficial thrombophlebitis	WPW AF	Wrist- Colles# Pelvis- pregnant		U+E/ LFT/ Ca++- ↑ Ca++			Retinal detachment Scrotal trauma	Rheumatic fever	LAMP Colles Retinal detachment Testicular trauma	Trauma in pregnancy		LA toxicity		US in Superficial thrombophlebitis					Rostering principles	
Week 24		TxA2/ CRASH1/2 REBOA	Trauma induced coagulopathy Thromboelastography	Thyroid storm K+ replacement	MFAT							Anorexia nervosa	High pressure injuries Major trauma- REBOA/ TIC		Anorexia nervosa DAMA self harm risk NMS	Lomotil NOAC reversal NMS	Altitude illness			DAMA			ISBAR	
Week 25	Violence		Analgesia in narcotic dependent	Anaphylaxis- EPIPEN use UTI	Pericarditis	Ankle #		MSU- UTI pregnant			Ear perichondritis	OD Fe	CHI – NICE guidelines Perichondritis Chondritis Ankle#	Pregnant UTI	Acute psychosis Sz definition Chemical restraint	Fe paed	Wasp, bee, ant scorpion		Privacy					

	Principles	Resuscitation	Anaesthetics	Medicine	ECG	XR	CT	Blood Ix	Other Ix	Rash	Photo	Paeds	Sx	O+G	Psych	Tox	Environmental	Radiology	Legal	Clin risk	Pre & Retrieval	Disaster	Admin/ Educ./ Research	
Week 26				PE Dx (Wells/ PERC) PE ECG findings PE CTPA vs VQ PE thrombolysis Prolonged QT/ Torsades ECG in hypothermia	QT prolongation Torsades	Shoulder dislocation Paed lat C spine- Croup		U+E/AG/LFT/Lipase- Pancreatitis				Croup	Shoulder dislocation Pancreatitis	STI assault / MAP		CCB	Hypothermia rewarming	PE: CXR CTPA vs VQ Pre-red'n Xr for ? shoulder dislocation						
Week 27	Triage of chest pain	ED thoracotomy		HIV illnesses ↑K* Mx	VT - drug induced	C spine		Vbg- Met Ac/ ↑K*				Moderate + severe asthma MDI use	ED thoracotomy C spine # Complications of c spine immobilisation Glaucoma			HFI					Air retrieval Helix vs fixed		Access block- ambulance ramping	
Week 28			CVC Ind/ CI & site	Rhabdomyolysis SAH Ottawa rule SAH- CT alone vs CT+LP Wellens Syndrome Acute joint ?septic arthritis Arthrocentesis Ind./CI Cardiac tamponade Stroke Thrombectomy Thrombolysis reversal	Wellens	XR R/U Galeazzi		ABG- NAGMA- AG/ Δgap/ Ex CO ₂ - Rhabdo	US Cardiac tamponade				Compartment syndrome Wrist #			Toxic seizure CO /HbO ₂ Thrombolysis reversal								
Week 29				Elder abuse HUS LBBB and STEMI	LBBB & STEMI	CXR Paed LLL pneumonia		ABG/ U+E - HAGMA /Se Osmo AG/ Δgap/ Ex CO ₂ / Calc Osm/ A-a ETOH poisoning-				Bloody D's HUS CAP disposition	C spine clearance - Canadian C Spine rules Imaging	UBHCG interpretation Request STOP		Venlafaxine		CSI-XR vs Ct vs MRI	Limitation to Rx/ NFR Organ donation Competency/ Minor Open disclosure				Credentiaing CVC placement	
Week 30		PEA post trauma		ACS risk stratification EST vs Stress Echo vs NM vs Angio Vasculitic rash Hepatitis	Mobitz II 2ndHB	Knee XR dislocation		LFT- Hepatitis		Vasculitic rash	Stab chest	Acute scrotum	Acute scrotum- Epidid vs torsion Chest stab	ED delivery Delivery pack		Gas inhalation- ammonia, chlorine phosgene Toxic bradycardia	Radiation exposure	US in acute scrotum					Forensic death	
Full Trial 1 Based on MMC 2015-1	Protocol chemical restraint	MTP protocol Neuroprotection- SAH Ventilating asthma EGDT ARISE	Burns fluids IV access options Airway equipment Airway securing options ETT indications GHB	↑K* Mx PE Dx- Ix roles Indications for thrombolysis Orbital cellulitis Vertigo Meningitis- aseptic GBS vs Spinal cord Febrile neutropaenia Ab choice SAH- BP control Electrical alternans HZO Quad/CP- disposition Carer abuse HCM	↑K* 100bpm Electrical alternans (diff ECG to next) HCM	Pelvis Wrist perilunate Gastric volvulus	CTB SAH	UE LFT lipase ABG/U+E- HAGMA- AG/ Δgap/ Ex CO ₂	CSF- viral	HZO	Chest FB Orbital cellulitis HZO	Chest trauma Asthma D/c criteria Life threatening	Epistaxis Chest stab Pelvic trauma Pancreatitis Asc Cholangitis Neck trauma Prostatitis Perilunate dislocation Gastric volvulus	PPH	Chemical restraint	Toxic Broad QRS Digoxin ECG Charcoal role	Heat stroke (diff to below)	CT /US role in pancreatitis US uses in shock	Limitation to Rx/ NFR			Building collapse Triage Prepare ED	Develop protocol Approach to ? abuse Urgent registrar unavailable Chemical restraint protocol	
Full Trail 2 Based on DEMT combined Qs		Cardiac arrest in pregnant ACLS algorithm Hypothermia resus Rewarming methods Relies in resus	A & V in pregnant patient Optimisation ICP Difficult Airway predictors Apnoeic oxygenation Confirmation of ETT Capnography ETCO ₂ O ₂ sat effectors Airway risk factors LAMP EGDT Inotrope choice Ventilator setting in CAP	STEMI - ↓BP Angioedema Scabies Cavitating lung lesion transfer Angioedema Post Thr bleed HIV TB PPM malfunction Meningococcaemia CAP	STEMI- Inf + post + CHB Dig tox PPM- FTC/FTS	C spine # CXR cavitating lesion Wrist Colles	CTB-Post thr bleed	ABG/ U+E- met Alk/ resp Alk/ ↓Na- Calc Osmo VBG/ U+E- NAGMA/ HAGMA- AG/ Δgap/ Ex CO ₂		Scabies	Facial trauma	Croup/ stridor	Boerhaaves syndrome Ottawa foot LL # Mx Spinal shock Cord syndromes Facial trauma Colles #	Perimortem CSection Pregnant UTI	Assess suicide risk	Lithium Thrombolysis reversal Digoxin HFL	Hypothermia		DAMA Coroner		STEMI transfer road vs rotary vs FW		QI cycle KPIs Complaint Death in Dept Traumatic death Pt flow Access Block NEAT	
Full Trial 3 Based on MMC 2016-1		Major burns fluids Pericardiocentesis Hypotensive resuscitation AAA	Analgesia for # femur Fluid assessment Oxygen delivery VBG application BIPAP- COPD Indications for ETT Ketamine for sedation Laryngospasm Rx SIADH	COPD HCM SIADH PPM malfunction Pericardial effusion Bloody D's/ IBD	SVT Paed PPM- FTS	Knee Femur # CXR Pleural effusion	CTB ring lesion CT Abdo AAA rupture	VBG/ U+E- met Alk ?? AGMA- AG/ Δgap/ Ex CO ₂ ABG/ U+E- HAGMA - AG/ Δgap/ Ex CO ₂	FAST- Subxiphi US	Herpetic whitlow Eye- keratitis Cat bite		Neonatal abdo SVT Paed OD CCB Paed Appx score Nasal FB FC Seizure algorithm	Major burns Cerebral SOL Neonatal abdo Paed Appx score Keratitis Trauma in pregnancy AAA rupture Cat bite Nasal FB PAed	Trauma in pregnancy	Frequent presenter	Cyanide CCB TCA	FWS	Trauma in pregnancy imaging Physiological differences in pregnancy	Missed MI Limitation to Rx/ NFR		Indications for T'fer to Burns unit		Conveying bad news Missed MI Pt flow Instituting change	
Full Trial 4 Based on MMC 2015-2	Preparation for major trauma Neonatal resus	RSI unstable pt ETT Confirmation Capnography = zero Analgesia for PTX Biers block Massive transfusion Cardioversion EGDT-Variables- shock Rx	Rhabdo Rx Post STEMI Mx Electrical alternans causes Pericardial effusion - US Cardiomyopathy Meningococcaemia Palliative med Rx	STEMI Post Electrical alternans (??? change to De winters- ECG in SAQ folder) ARVD		AXR Volvulus CXR PTX CXR trauma	CTAbdo Spleen lac	FBE UE CK- Rhabdo ABG HAGMA-? PE- A-a/ AG/ Corr. ↑K*		Petechia	Knee open wound Neck stick Orbital cellulitis FWT strip	Kawasaki (like w9 consider Δ) Bronchiolitis Testicular torsion	Knee open wound Trauma- lethal triad Chest trauma- Indic for urgent OT Volvulus Neck zones PTX Rx options Biers block Splenic trauma Mx Orbital cellulitis Testicular torsion Chest trauma- pulm contusions	1st Trimester bleeding ? EP		Antihistamine similar to Wk 20- consider changing B blocker	Hyperthermia	US findings in electrical alternans US ?Torsion testis US ? EP	Complaint re Rx NFR issues				Inappropriate Mx decision by I/P reg Access block Flow KPI Pt complaint Sick leave NFR order	
Full Trial 5 ACEM 2015-1	VT- Cardioversion Near drowning Cerebral neuroprotection Toxic arrest VF algorithm Post VF Mx MTP	Intubation- Asthma Ventilator settings- pneumonia Wrist reduction	Asthma- Ax & life thr Rx VT- ECG feature Collapse SAH- severity/ prognosis Trifascicular block Periodic Paralysis- ↓K* ECG in ↓K* Fever returned traveller (W Africa)	BCT BCT- toxic Trifascicular block		Elbow Adult suprac XR wrist Colles # Pelvic # AXR/CXR- sigmoid volvulus	CTB SAH CTA- Cholecystitis Renal cysts	FBE- A Leukaemia VBG- ↓K* ABG- Met Ac- AG/ Δgap/ Ex CO ₂	Knee jt aspiration	Petechia		Febrile Hepatosplenomegaly A Leukaemia NAI Orbital/ preseptal cellulitis Febrile petechial rash	Supracondylar #- adult Acute Knee Pelvic # Sigmoid volvulus Cholecystitis	MAP request Eclampsia/ pre Ec	Medical clearance Delerium vs Psychosis	Toxic BCT Aspirin	Near drowning Snake bite		Informed consent Open disclosure Statutory rape			Code Brown Night club fire	ADR complaint ADR prevention Paed death	