Pathology Requesting for Adult Patients in the Emergency Department - Suggested Tests for Common Conditions																	
Fill tubes to correct level and identify, label and sign at BEDSIDE as per local protocol.	Depending on instrument type and chemistry methodology different hospitals will have a local protocol to follow. The following gel tube  Aseptic colours are a guide only														Only send M/C/S if		
Ensure CORRECT ORDER of draw	collection Na Citrate CHECK WITH YOUR LOCAL LABORATORY												K EDTA or	Blood Bank EDTA		clinical concern UTI	Other Appropriate Investigations
Para antaki an	BC 1	Coags <sup>2</sup>	UEG <sup>3</sup>	LET	C=/Dh==/Alb	Urate	Tononcio	linen	hCG <sup>4</sup>	CRP	СК	David Javal	FDC	Group/Antibody screen <sup>5</sup>		Dipstick	
Presentation Abdominal pain severe (upper/epigastric)	Consider	Coags	UEG	LFT Plus LDH	Ca/Phos/Alb Consider	Orate	Troponin Consider	Lipase	(female)	CRP	CK	Drug level	FBC	screen	Blood Gas <sup>6</sup>	Urinalysis	Consider Lactate
Abdominal pain severe (lower)	Consider			11452511	Consider		consider					1		Female			Consider Lactate
Back pain atraumatic (requiring admission)	Consider				Consider			Consider		Consider							
Cellulitis (requiring admission)	Consider			Consider													M/C/S if infected lesions
Chest pain - suspected Ischaemic Heart Disease				Consider													
Chest pain - suspected Pulmonary Embolism		Consider D-Dimer		Consider			Consider										
Confusion/Syncope	Consider			Consider	Consider		Consider										Consider CSF investigations
Cerebrovascular Accident		Consider															
Diabetic Ketoacidosis	Consider																
Fever for Investigation (include returned travellers)										Consider							Consider malaria, dengue and other illness investigations relevant to Hx
Fractures Neck Of Femur/Major Long Bone																	
Fractures Minor for Theatre >55yo																	
Gastrointestinal Bleed		Consider															
Jaundice For Investigation					Consider												Consider relevant viral serology
Liver Disease					Consider												Consider relevant viral serology
Oncology patients (febrile neutropenia)					Consider									Consider		Plus M/C/S	
Overdose (significant)											Consider	Consider	Consider		Consider		Consider paracetamol
Per Vaginal Bleed - 1st trimester									Quantitative								Consider PCR for chlamydia & gonorrhea
Pneumonia (requiring admission)																	Recommend Sputum M/C/S, respiratory virus PCR and urinary
Pyelonephritis (not simple cystitis)	Consider															Plus M/C/S	
Renal Colic (1st episode)																	
Renal Disease																	
Seizures (1st episode)			Plus bedside glucose	•	Plus Mg												Consider CSF investigations relevant to Hx
Seizures (recurrent)			Consider									Consider	Consider				
Septic Joint - suspected				Consider		Consider				Consider							Joint Fluid M/C/S
Sepsis								/								Plus M/C/S	Lactate + other relevant cultures
Snake Bite <sup>7</sup>				LDH only									Plus film				
Short Of Breath - Asthma (requiring admission)			Consider										Consider		Consider		Nasopharyngeal swab for respiratory virus PCR
Short Of Breath - suspected Acute Pulmonary Oedema															Consider		
Short of Breath - Chronic Obstructive Pulmonary Disease															Consider		Consider Sputum M/C/S
Trauma (Major)																	
Warfarin therapy		INR only	Consider if over anti- coagulated	over anti-									Consider	Consider			
Key	Coagulated   Coagu														If in doubt c	onsult with ser	ior ED doctor. Some tests may
Perform test	examination/	collection.			fever and/or cli		ne suggesting				-	hether the pat	ient is febrile	at the time of		$\mathbf{R}$	'DA 🙉
Not Generally Indicated	3. UEG = Urea 4. hCG is usua	, creatinine, e Ily required p	lectrolytes and rior to drug tre	d glucose. eatment and ra	diological inve	stigations in v			Please ensure	requests and s	necimens full	ly comply with	local requirem	nents	The Royal	College of Patholo	PA grists of Australasia
Consider or Ask Supervisor	6. Blood gas: \	enous blood	gas is often ac	ceptable. Arte	rial sample req brinogen + d-D	uired for asse	essment of oxy	gen status.			peeimens tui	, compry with	ocai requireii				

From 'Guideline on Pathology Testing in the Emergency Department' developed by the Australasian College for Emergency Medicine (ACEM) and the Royal College of Patholologists of Australasia (RCPA) 2018

Please refer to full guideline document for further information