

CARE SETS FOR USE IN PAS**Table 1 Medical Care sets**

Name	Tests	Urine/other	Comments
A&E COVID	FBC, ECR, Urea, CRP, ALP,ALT Albumin Bilirubin Clotting Blood Culture	Covid-19 nose and throat swab	
Cardiac Chest Pain (name change from Chest Pain)	FBC, ECR Troponin	n/a	
Palpitations/arrhythmias	FBC, ECR Calcium Magnesium	n/a	
Sepsis	FBC, ECR LFT Urea CRP Clotting Blood Cultures	n/a	
Collapse?cause/falls ??? Delirium	FBC, ECR LFT Calcium CRP	n/a	
DVT/PE	FBC, ECR Albumin ALP ALT TBil D-Dimer Clotting +/- INR	n/a	
Overdose	FBC ECR Paracetamol Salicylate PT/INR	n/a	
On Anticoagulants	Clotting INR	n/a	
Stroke	FBC, ECR CRP, ALT ALP, TBIL Glucose Total Cholesterol Clotting B12/Folate Calcium Magnesium Phosphate	n/a	

Table 2: Surgical Care sets

Name	Blood	Urine	Comments
Abdominal Pain	FBC, ECR, LFT Amylase Clotting CRP	n/a	
G.I bleed	FBC ECR LFT Group and Save Urea	n/a	
#NOF	FBC ECR LFT Calcium Clotting Group and Save	n/a	
Trauma protocol	FBC ECR Clotting Group and Save	n/a	
PVB/Miscarriage	FBC ECR LFT CRP Progesterone HCG Group and Save	n/a	
?ectopic	FBC Progesterone HCG Group and Save	n/a	
Hyperemesis	FBC ECR LFT CRP Calcium HCG TFT Group and Save	n/a	
Stroke	FBC, ECR CRP ALT ALP TBIL Glucose Total Cholesterol Clotting B12/Folate Calcium Magnesium Phosphate	n/a	

On anticoagulants	Clotting (others) INR (Warfarin)	n/a	
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Table 3 Endocrinology and Diabetes Care sets

Care Set Name	Blood	Urine	Comment
Diabetic New Patient (Baseline)	(Fasting Sample only) Albumin ALP ALT Bilirubin Cholesterol Creatinine Electrolytes FBG HbA1c (M) Total Protein TFT	Albumin Creatinine ratio (urine)	
Diabetic Monitoring	ECR HbA1c (M) Lipid Profile (fasting)	Albumin Creatinine ratio (urine)	
Diabetic Antibodies (use once only in ?T1/2)	IA2 GAD ZnT8		
Pituitary profile (baseline)	9AM sample only Cortisol FSH FT4 IGF1 LH Prolactin Serum Osmolality Testosterone TSH	Urine Osmolality	
Thyroid	FT4 TSH FT3*		*FT3 on a named basis only
Bone profile New referral (proven hypercalcaemia)	Calcium ALP Phosphate PTH Vitamin D		
Adrenal Profile (New referral)	17OHP Androstenedione DHEAS	24hr urine Cortisol	
Hirsutism (Female)	FSH LH Testosterone		Only day 3 if menstruating
Phaeochromocytoma Screen		24 hr Urine Catecholamines	
Carcinoid Screen		24hr Urine 5HIAA	

Care Set Name	Blood	Urine	Comment
Misc Not available as a care set	ACTH Aldosterone Cacitonin CgA CgB C-peptide FT3 GH Gut Hormone Screen IGF1 Insulin ON dexamethasone PMETS Renin Serum Osmolality SHBG TPO TRAB	Urine Osmolality Urine Potassium Urine Sodium Urine C-peptide	

Table 4 Orthopaedics post operative care set

Care Set Name	Blood	Urine	Comment
Orthopaedics post operative	ECR	n/a	CRP is commonly requested on post-operative bloods on elective arthroplasty patients which is an un-necessary investigation and does not add any value to post-operative management.

Table 5 ICU care sets

Care Set Name	Blood	Urine/Other	Comments
ICU COVID admission set	ITU respiratory screen FBC, ECR, urea, LFTs (except TP), Mg, Phos, PT, APTT, CRP Procalcitonin (follow usual D1,D3,D5 protocol) Troponin D-Dimer Ferritin	COVID swab and tracheal aspirate	
ICU COVID daily set:	FBC, ECR, urea, Mg, Phos		
ICU Admission/Critical– Not for use on stable patients	FBC Clotting screen ECR LFT CRP Phosphate Magnesium Calcium Urea	n/a	Admission and monitoring bloods for critical ITU patients. Not to be requested in stable patients
ICU Stable	FBC ECR LFT CRP	n/a	Basic order set for more stable patients
ICU Pneumonia screen	Respiratory screen Respiratory virus screen Legionella Pneumococcal antigen	n/a	ITU patients with Community Acquired Pneumonia

Table 6 Dermatology Care sets

Care set name	Blood Tests	Urine tests	Comments
Methotrexate Pre-Screen	FBC ECR LFT HIV serology Hepatitis B surface antigen Anti-HCV antibody		
Methotrexate monitoring	FBC ECR ALT		https://onlinelibrary.wiley.com/doi/full/10.1111/bjd.14816
Methotrexate monitoring with P3NP	FBC ECR ALT P3NP		https://onlinelibrary.wiley.com/doi/full/10.1111/bjd.14816
General systemic monitoring	FBC ECR ALT		https://onlinelibrary.wiley.com/doi/epdf/10.1111/bjd.17587 - ciclosporin guidelines
Pre-biologic screen	FBC ECR LFT Fasting Lipids ANA HIV serology Hepatitis B surface antigen Anti-HCV antibody T-spot		https://onlinelibrary.wiley.com/doi/full/10.1111/bjd.15665
Biologic monitoring	FBC ECR ALT		https://onlinelibrary.wiley.com/doi/full/10.1111/bjd.15665
Acitretin/Isotretinoin	FBC ECR ALT Fasting cholesterol Fasting glucose Fasting lipids		https://onlinelibrary.wiley.com/doi/full/10.1111/j.1365-2133.2010.09836.x
Pre-Dapsone Screen	FBC ECR Reticulocyte count LFT G6PD		

Dapsone Monitoring	FBC ECR Reticulocyte count ALT		
Pre-ciclosporin Screen	FBC ECR LFT HIV Serology Hepatitis B surface antigen Anti-HCV antibody VZV serology Fasting Lipids		https://onlinelibrary.wiley.com/doi/epdf/10.1111/bjd.17587
Pre- azathioprine screen	FBC ECR LFTs TPMT HIV Serology Hepatitis B surface antigen Anti-HCV antibody VZV serology		https://onlinelibrary.wiley.com/doi/pdf/10.1111/j.1365-2133.2011.10575.x - Azathioprine guidelines

References:

1. Scottish Intercollegiate Guidelines Network, Management of acute upper and lower gastrointestinal bleeding. A national clinical guideline September 2008
2. Intravenous fluid therapy in adults in hospital, NICE guidelines [CG174]
3. Differentiating between septic arthritis and transient synovitis of the hip in children: an evidence-based clinical prediction algorithm.
Kocher MS1, Zurakowski D, Kasser JR.

Notes:

These care sets were agreed after discussion with relevant stakeholders. Emails and documents are stored on the shared drive.

In this setting electrolytes includes, Sodium, Potassium and Chloride