Point of care testing survey

Increasingly EDs and acute assessment units use point of care (POC) testing to aid clinical decision making. Blood gas analysers and rapid viral antigen testing (eg for RSV) are common, but POC biomarker tests (eg CRP/PCT) are less widespread. This short survey aims to find out which POC tools are used to evaluate children in urgent, acute and emergency care in the UK and Ireland.

Survey instructions:
For each POC test please mark where in your hospital it is available for clinical decision making. If the POC machine is not in the clinical area but the test can be run and the result brought back, please mark where the test result is utilised - not where the POC machine is based.
Definition of POC testing for this survey:
An investigative/diagnostic test utilised by staff in a clinical environment, for which results are available in a short ime (< 30 minutes) to aid clinical decision making in that setting (ie not at a later date/time)
Should be performed and interpreted by clinical staff caring for the patient, not sent elsewhere for other personnel to analyse and interpret
Requires no other interpretation (ie the result is binary, sequential or categorical) - and so investigations such as ECG and ultrasound are not included, as this requires the user to make a subjective interpretation of the result
Data management:
All responses are held on a secure University of Bristol server, and analysed anonymously by the study team. We ask for your email and site in case we need to clarify any answers, and to make sure we can recognise you on any outputs - this also means we will stop nagging you when you've completed it. Your consent to participate will be mplied by completing this survey, - you will not be added to any mailing lists as a result of completing this, nor will your information be shared with any external parties.
Please tell us your name
Please share your email
(Including this should hopefully trigger your certificate being sent - please let us know if it doesn't arrive)

Please select your site	○ Addenbrooke's Hospital
	 Alder Hey Children's Hospital NHS Foundation Trust Barking, Havering & Redbridge University Hospitals
	NHS Trust
	○ Birmingham Children's Hospital○ Blackrock Clinic, Dublin
	Bon Secours Hospital, Cork
	Bristol Royal Hospital for Children
	Chelsea and Westminster HospitalChildren's Health Ireland at Crumlin
	Children's Health Ireland at Tallaght
	Children's Health Ireland at Temple StreetCity Hospitals Sunderland NHS Foundation Trust
	Cork University Hospital
	Countess of Chester NHS Foundation Trust
	County Durham & Darlington NHS Foundation TrustCraigavon Area Hospital
	Derriford Hospital
	Dorset County HospitalEast Kent Hospital
	East Sussex NHS Health Trust
	Evelina London Children's Hospital
	Gloucestershire Hospitals NHS Foundation TrustGreat Ormond Street Hospital, London
	 Great North Children's Hospital, Newcastle Upon
	Tyne ○ Grimsby Hospital
	Hampshire Hospitals Foundation Trust
	Harrogate & District NHS Foundation Trust
	○ Hoddesden Hospital○ Hull Royal Infirmary
	O Ipswich Hospital
	
	○ King's College Hospital, London
	○ Kingston Hospital
	Leeds General InfirmaryLeicester Royal Infirmary
	○ Limerick Hospital, Ireland
	Lister Hospital, StevenageMaidstone and Tunbridge Wells NHS Trust
	Medway Maritime Hospital
	Mercy University Hospital, Cork, IrelandMorriston Hospital
	○ Musgrove Park Hospital
	North Manchester General Hospital
	North Middlesex HospitalNorthampton General Hospital
	Northern Devon Healthcare NHS Trust
	Northwick Park HospitalNottingham University Hospitals NHS Trust
	Ormskirk & District General Hospital
	O Prince Charles Hespital
	Prince Charles HospitalQueen Alexandra Hospital
	 Queen Elizabeth Hospital, Woolwich
	Raigmore Hospital, InvernessRoyal Aberdeen Children's Hospital
	Royal Alexandra Children's Hospital
	Royal Belfast Hospital for Sick ChildrenRoyal Berkshire NHS Foundation Trust
	Royal Berkshire NHS Foundation Trust Royal Bournemouth Hospital
	Royal Derby Hospital
	Royal Devon and Exeter HospitalRoyal Free Hospital
	Royal Glamorgan Hospital
	Royal Hospital for Children, GlasgowRoyal Hospital for Sick Children, Edinburgh
18.03.2020 18:04	○ Royal Manchester (是則包括語句 Bospita REDCap
	projection applies

	Royal Preston Hospital Royal United Hospital, Bath Royal Wolverhampton NHS Trust Salisbury NHS Foundation Trust Sheffield Children's Hospital Shrewsbury and Telford Southampton Children's Hospital St George's Hospital St Mary's Hospital The Royal London Hospital Torbay and South Devon NHS Foundation Trust Trinity College, Dublin University College Hospital London University Hospital Crosshouse University Hospital Lewisham University Hospital of Wales, Cardiff Wakefield Hospital Watford General Hospital, Ireland Western Sussex Hospitals NHS Trust Wexham Park Hospital Whittington Health NHS Trust Other (Tip: search for your site using free text rather than dropdown)
f you answered other, please tell us the name of your site	
Which network are you answering on behalf of?	☐ PERUKI ☐ GAPRUKI ☐ Both ☐ Neither
Which department(s) will you provide answers for on point of care testing (POCT)?	 □ Emergency Department (including ED observation unit) □ Paediatric Assessment Unit □ Urgent Care Centre □ Paediatric inpatient ward(s)
Emergency Department (including ED observation u	ınit)
Which POCTs do you perform in the ED?	☐ CRP ☐ Procalcitonin ☐ RSV ☐ Influenza (any) ☐ Group A Strep ☐ Blood gas analysis ☐ Urinalysis ☐ Urinary Beta HCG ☐ Blood sugar ☐ Blood ketones ☐ Other

Please select which of the following are available on your ED blood gas analyser Please tell us which other variables are available on this blood gas analyser Please tell us about any other POCT available in the			☐ Haemog ☐ Glucose ☐ Lactate ☐ Bilirubin	/ Potassium	Excess	
Please tell us about any other PO	CT available in t	:he				_
Please select here all staff		-		in the ED		
	Clinical Nurse	Healthcare assistant	ENP/ACP	Junior Doctor	Consultant	Other
CRP						
Procalcitonin						
RSV						
Influenza						
Group A Strep						
Blood gas						
Urinalysis						
Urinary BHCG						
Blood sugar						
Blood ketones						
For those where you answered ot who does these	her, please tell	us				

Please select here all staff	who are i	esponsible	e for actin	ig on POC	Γresults i	n the ED			
	Clinical Nurse	Healthcare assistant	ENP/ACP	Junior Trainee (eg ST1-3)	tant (eg	Consultant	Other		
CRP					ST4+)				
Procalcitonin									
RSV									
Influenza									
Group A Strep									
Blood gas									
Urinalysis									
Urinary BHCG									
Blood sugar									
Blood ketones									
	For those where you answered other, please tell us who has responsibility for acting on these								
Paediatric Assessment Unit	(PAU)								
Which POCTs do you perform in the		CRP Procalcitonin RSV Influenza (an Group A Stre Blood gas an Jrinalysis Jrinary Beta Blood sugar Blood ketone Other	o alysis HCG						
Please select which of the followin your PAU blood gas analyser	ng are avail	able on		oH, PaCO2/Pa Haemoglobin Glucose Lactate Bilirubin Godium/Potas Calcium Phosphate Other		cess			
Please tell us which other variable this blood gas analyser	es are availa	able on							
Please tell us about any other POC PAU	CT available	in the					_		

Please select here all staff	Please select here all staff members who perform each POCT in the PAU								
	Clinical Nurse	e Healthca assistan		P/ACP	Junior Doctor	Consultant	Other		
CRP									
Procalcitonin									
RSV									
Influenza									
Group A Strep									
Blood Gas									
Urinalysis									
Urinary BHCG									
Blood sugar									
Blood ketones									
Where you've selected other, pleathese	ase tell us wh	o does					_		
Please select here all staff									
	Clinical Nurse	Healthcare assistant	ENP/ACP	Junior Trainee (ST1-3)	(eg non-Consul) tant (eg	Consultant	Other		
CRP					ST4+)				
Procalcitonin									
RSV									
Influenza									
Group A Strep									
Blood gas									
Urinalysis									
Urinary BHCG									
Blood sugar									
Blood ketones									
For those where you answered other, please tell us who has responsibility for acting on these Urgent Care Centre (UCC)									

Which POCTs do you perform in the	 □ CRP □ Procalcitonin □ RSV □ Influenza (any) □ Group A Strep □ Blood gas analysis □ Urinalysis □ Urinary Beta HCG □ Blood sugar □ Blood ketones □ Other 					
Please select which of the following your UCC blood gas analyser	 pH, PaCO2/PaO2, Base Excess Haemoglobin Glucose Lactate Bilirubin Sodium/Potassium Calcium Phosphate Other 					
Please tell us which other variables are available on this blood gas analyser						
Please tell us about any other POUCC	CT available in t	the				_
Please select here all staff				in the UCC		
	Clinical Nurse	Healthcare assistant	ENP/ACP	Junior Doctor	Consultant	Other
CRP						
Procalcitonin						
RSV						
Influenza						
Group A Strep						
Blood gas						
Urinalysis						
Urinary BHCG						
Blood sugar						
Blood ketones						
Where you've answered other, plothese	ease tell us who	does				_

Please select here all staff v	Please select here all staff who are responsible for acting on POCT results in the UCC									
	Clinical Nurse	Healthcare assistant	ENP/ACP	Junior Trainee (eg ST1-3)	Senior non-Consul tant (eg	Consultant	Other			
CRP					ST4+)					
Procalcitonin										
RSV										
Influenza										
Group A Strep										
Blood gas										
Urinalysis										
Urinary BHCG										
Blood sugar										
Blood ketones										
For those where you answered other, please tell us who has responsibility for acting on these										
Inpatient wards										
Which POCTs do you perform in yo	ur inpatier	nt ward(s)?	F F C C C C C C C C	CRP Procalcitonin RSV nfluenza (an Group A Stre Blood gas an Jrinalysis Jrinary Beta Blood sugar Blood ketone Other	o alysis HCG					
Please select which of the following your inpatient ward blood gas analyses.		able on		oH, PaCO2/Pa Haemoglobin Glucose Lactate Bilirubin Sodium/Potas Calcium Phosphate Other		xcess				
Please tell us which other variables this blood gas analyser	s are availa	able on								
Please tell us about any other POC inpatient wards	T available	in the					_			

Please select here all staff members who perform each POCT in the Inpatient ward								
	Clinical Nurse	e Healthca assistar		P/ACP Jun	ior Doctor	Consultant	Other	
CRP								
Procalcitonin								
RSV								
Influenza								
Group A Strep								
Blood gas								
Urinalysis								
Urinary BHCG								
Blood sugar								
Blood ketones								
Where you've answered other, please soloct here all staff				ng on BOC	T roculto	in the Inn		
Please select here all staff Wards	willo are re	shousinie	ioi actii	ig on FOC	i resuits	in the inpo	itient	
	Clinical Nurse	Healthcare assistant	ENP/ACP	Junior Trainee (eg ST1-3)	Senior non-Consul tant (eg	Consultant	Other	
CRP			ENP/ACP	Trainee (eg	non-Consul		Other	
CRP Procalcitonin	Nurse	assistant 		Trainee (eg	non-Consul tant (eg		Other	
	Nurse	assistant		Trainee (eg	non-Consul tant (eg		Other	
Procalcitonin	Nurse	assistant		Trainee (eg	non-Consul tant (eg		Other	
Procalcitonin RSV	Nurse	assistant		Trainee (eg	non-Consul tant (eg		Other	
Procalcitonin RSV Influenza	Nurse	assistant		Trainee (eg	non-Consul tant (eg		Other	
Procalcitonin RSV Influenza Group A Strep	Nurse	assistant		Trainee (eg	non-Consul tant (eg		Other	
Procalcitonin RSV Influenza Group A Strep Blood gas	Nurse	assistant		Trainee (eg	non-Consul tant (eg		Other	
Procalcitonin RSV Influenza Group A Strep Blood gas Urinalysis	Nurse	assistant		Trainee (eg	non-Consul tant (eg		Other	
Procalcitonin RSV Influenza Group A Strep Blood gas Urinalysis Urinary BHCG	Nurse	assistant		Trainee (eg	non-Consul tant (eg		Other	

How is POCT funded in yo	our unit?	sustainable Some fund service eve Some fund donations	aluation led through char	
Please tell us more about know the details	t this POCT funding, if you			
•	for POCT governance in y fers to training, device m ise		y control, and	managing any
	Laboratory team take full responsibility for governance	Clinical staff take some responsibility for governance, in conjunction with laboratory teams	Other	Not applicable
CRP				
Procalcitonin				
RSV				
Influenza				
Group A Strep				
Blood Gas				
Urinalysis				
Urinary BHCG				
Blood sugar				
Ketones				
Please tell us more about provided	t how POCT governance is			

How and where are POC tes	st results st	ored?				
	Handwritten in clinical record	Manual entry in electronic record	Printed out and stuck in record	Auto upload to electronic system	Other	Not applicable
CRP						
Procalcitonin						
RSV						
Influenza						
Group A Strep						
Blood gas						
Urinalysis						
Urinary BHCG						
Blood sugar						
Ketones						
How easy would it be to to introduyou currently work?			Very difficult		e a mark on the	
What obstacles currently exist in y introduction of POCT?	your unit to th	e	☐ Nobody ☐ Nobody testing ☐ Nobody of the te	es with funding has time to run has time to perf will take respons st e is lacking for P	orm the qua	
Please expand on any/all of these	obstacles					
If you've managed to introduce PC tell us what made that possible (is enablers to introducing such a tes	e what are the					
Any other thoughts or comments please scribble here	on POCT are w	velcome -				

