

## ISARIC/WHO Clinical Characterisation Protocol UK (Scotland)

### ***Recruitment Procedures for FRONTLINE CLINICAL RESEARCH STAFF***

The most up to date versions of the **protocol** and **case report form** are available at [isaric4c.net/protocols/](https://isaric4c.net/protocols/)

A **virtual site visit** is available at [isaric4c.net/virtual\\_site\\_visit/](https://isaric4c.net/virtual_site_visit/)

**AIM:** recruit hospitalised cases of *confirmed* COVID-19, as early as possible.

**CONSENT:** once the form is signed by a participant it is hazardous. To record consent, we suggest an independent witness observes the completed form then signs a fresh copy outside of the isolation area. Consent can also be obtained *by telephone* from participants or from relatives for proxy consent.

**RECRUITMENT PACKS** will be sent from Annette Lake [[annette.lake@glasgow.ac.uk](mailto:annette.lake@glasgow.ac.uk)] and Sarah McDonald [[sarah.mcdonald@glasgow.ac.uk](mailto:sarah.mcdonald@glasgow.ac.uk)], MRC-University of Glasgow Centre for Virus Research containing blood RNA tubes (Tempus or PAXgene), blood 3.2% sodium citrate tubes, “SAM” strips for nasal sampling, “Oracol” swabs for oral fluid collection, swabs and viral transport media (VTM), and secondary containers for onward transport. *Barcode labels* will also be supplied.

**OBTAIN SAMPLES** according to the schedule. You can find out which tier you are operating at in the front page of the site file.

*If you have capacity to recruit at **TIER 2**:*

Day	1	2	3	4	5	6	7	8	9	28 days after recruitment
Samples	R		S						S	C
Sample priority	1		2						3	4

R: recruitment sample; S: serial sample; C: convalescent sample.

If for any reason a sample cannot be collected on a given day, collect at the next opportunity.

If unable to collect all planned samples, ‘sample priority’ denotes the relative priority of each set of samples.

If patient is discharged before day 9, the day 9 sample set can be omitted.

*Or if your centre is recruiting at **TIER 1**:*

Day	1	2	3	4	5	6	7	8	9	28 days after recruitment
Samples	R									
Sample priority	1									

**CASE REPORT FORM DATA** should be entered electronically at <https://ncov.medsci.ox.ac.uk/> using the REDCap platform. Please note the *clarified definitions of days* (admission, enrolment, day 1 etc) on front page 2 of the CRF ([isaric4c.net/protocols/](https://isaric4c.net/protocols/)).

### **OBTAINING SAMPLES**

Prior to donning PPE and entering isolation, label sample collection containers as follows, using a *solvent resistant marker*:

- (i) 5 digit site code + 4 digit patient code (see below)
- (ii) "ISARIC"
- (iii) unique barcode label (*not for clotted or EDTA blood tubes*)
- (iv) date of sample collection and/or study day
- (v) **For swabs:** label with the source of the swab (throat, nasal, rectal etc)

To avoid over-filling **urine samples:** mark a line approximately half way down the container before giving to the patient and advise them to fill to that line.

Ensure all sample containers are *tightly closed, not overfilled and not externally contaminated* with any sample. Any samples that are leaking, contaminated or inappropriately closed have to be discarded upon receipt at the CVR.

All samples should be double-bagged after collection and handled per local clinical and laboratory procedures. **Blood** and **pathogen** samples should be doubled bagged separately (with **urine** in separate bag within it in case of leakage). For convenience blood RNA tubes (Tempus/PAXgene) can be bagged with the pathogen samples. This is because **pathogen** samples will go straight to freezer storage without further handling to comply with PHE Guidance, while some **blood** samples will require processing before storage.

The '**Transport of Samples**' form should be completed with *study number, collection date, timepoint, samples obtained* and the *unique barcodes* corresponding to each sample (attach barcode sticker).

#### BIOLOGICAL SAMPLES TO COLLECT

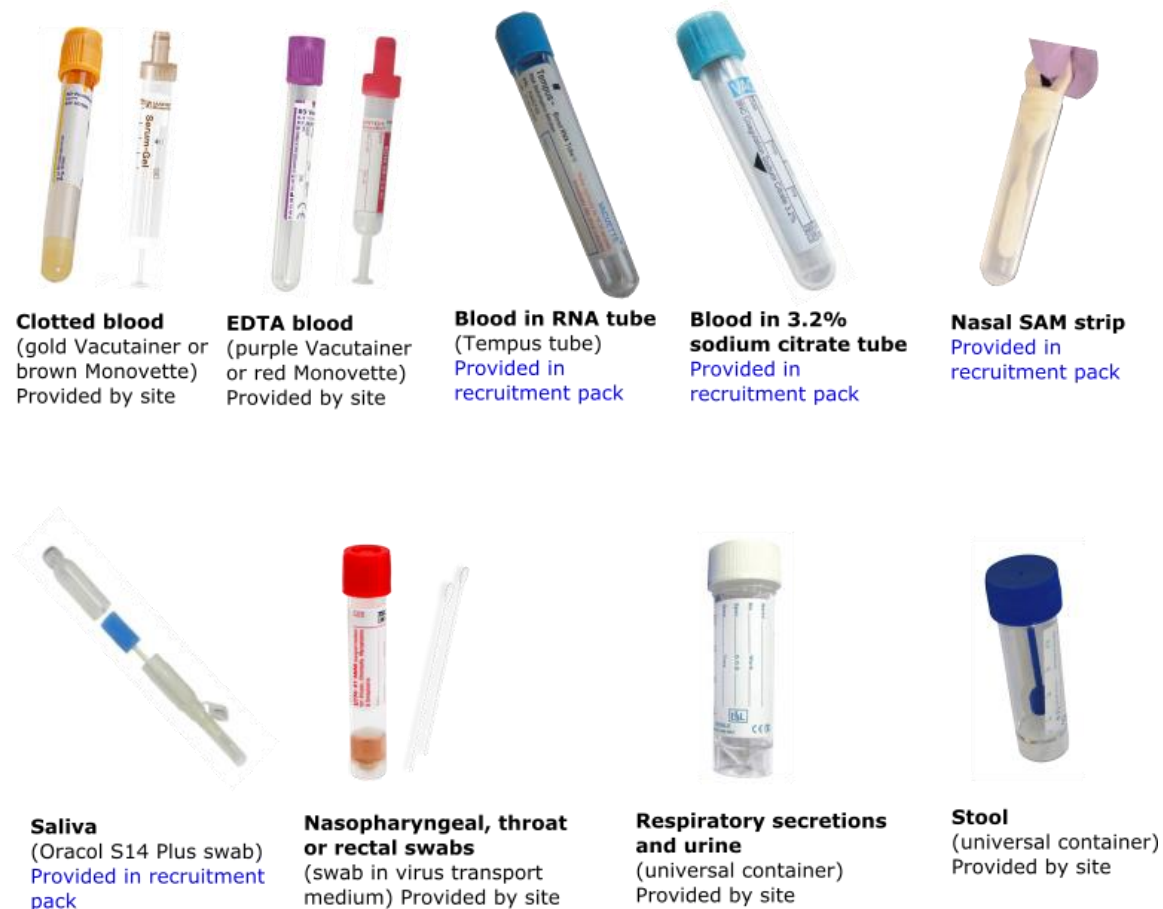
Weight	Samples at recruitment (R)	Serial samples (S)	Convalescent samples (C)
>40kg	<ul style="list-style-type: none"> <li>• 9ml (3x3ml) EDTA blood</li> <li>• 3ml clotted blood</li> <li>• 3ml blood in RNA tube</li> <li>• 3ml blood in sodium citrate tube</li> <li>• Oral Fluid (Oracol swab)</li> <li>• Research pathogen samples</li> </ul>	<ul style="list-style-type: none"> <li>• 3ml EDTA blood</li> <li>• 3ml clotted blood</li> <li>• 3ml blood in RNA tube</li> <li>• 3ml blood in sodium citrate tube</li> <li>• Oral Fluid (Oracol swab)</li> <li>• Research pathogen samples</li> </ul>	<ul style="list-style-type: none"> <li>• 3ml EDTA blood</li> <li>• 3ml clotted blood</li> <li>• 3ml blood in RNA tube</li> <li>• 3ml blood in sodium citrate tube</li> <li>• Oral Fluid (Oracol swab)</li> <li>• Research pathogen samples</li> </ul>
20–40kg	<ul style="list-style-type: none"> <li>• 6ml (3x2ml) EDTA blood</li> <li>• 3ml clotted blood</li> <li>• 3ml blood in RNA tube</li> <li>• Oral Fluid (Oracol swab)</li> <li>• Research pathogen samples</li> </ul>	<ul style="list-style-type: none"> <li>• 1ml EDTA blood</li> <li>• 2ml blood n RNA tube</li> <li>• Oral Fluid (Oracol swab)</li> <li>• Research pathogen samples</li> </ul>	<ul style="list-style-type: none"> <li>• 1ml EDTA blood</li> <li>• 3ml clotted blood</li> <li>• 2ml blood in RNA tube</li> <li>• Oral Fluid (Oracol swab)</li> <li>• Research pathogen samples</li> </ul>
<20kg	Refer to protocol. Table 3.		
<b>Pathogen samples:</b> ( <i>double bag separately from blood samples</i> ) <ol style="list-style-type: none"> <li>1. Throat swab in viral transport medium (VTM)</li> <li>2. Nasal SAM strip*</li> <li>3. Nasopharyngeal aspirate (NPA) in universal container OR (if NPA impossible) flocked throat swab in VTM</li> <li>4. In all intubated patients with SARI or respiratory infection: endotracheal aspirate in universal container</li> <li>5. Urine (~10ml in sterile universal container, if available; individually bagged). <i>Do not overfill.</i></li> <li>6. Rectal swab (in VTM) or stool (~10ml in sterile universal container/stool specimen container, if available)</li> </ol>			

\*A video demonstrating correct use of nasal SAM strips can be found here: [www.jove.com/video/56413](http://www.jove.com/video/56413)

**SAMPLE IDENTIFIERS:** All data records entered on the REDCap system must be anonymised using a **five-digit site code** then **sequential four-digit patient number** e.g. 0001 and so on. The site codes for Scottish hospitals are listed in the Appendix. E.g. S116H-0001

**LOCAL SAMPLE LOG:** Please maintain an electronic log of samples obtained (patient study number, sample type, date obtained, timepoint)

## SAMPLE TYPES



**For practical or logistic questions** please contact Clark Russell

The Roslin Institute, University of Edinburgh

[clark.russell@ed.ac.uk](mailto:clark.russell@ed.ac.uk)

07891 053 625

## ISARIC/WHO Clinical Characterisation Protocol UK

### *Information for LABORATORY STAFF*

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#### PROCESSING AND STORAGE OF SAMPLES AT SITE LABORATORY

Sample	Instructions for site laboratory
Pathogen samples <sup>a</sup> , Nasal SAM strips, Oracol swabs	<b>No processing required. Do not open bags.</b> Store <b>upright</b> at -80°C <sup>b</sup>
Clotted blood	Centrifuge 1500g for 10mins, ideally at +4°C. → <b>serum</b> (3x 1mL aliquots; store -80°C <sup>b</sup> ) Discard remainder of clotted blood tube contents.
EDTA blood	Centrifuge 1500g for 10mins, ideally at +4°C. → <b>EDTA plasma</b> (3x 1mL aliquots; store -80°C <sup>b</sup> ) → <b>cell pellet</b> (transfer to cryovial; store -80°C <sup>b</sup> ) Discard remainder of EDTA blood tube contents.
3.2% sodium citrate blood tube	Centrifuge 2600g for 10mins with brake off (or slow stop). → <b>citrate plasma</b> (2x 1mL aliquots; store -80°C <sup>b</sup> ) Discard remainder of citrate blood tube contents
Tempus RNA blood tube	<b>No processing required.</b> Freeze <b>upright</b> at -20°C; transfer to -80°C after 24h where possible.

<sup>a</sup>Pathogen samples: swabs in VTM, other respiratory samples, urine or stool.

<sup>b</sup>Freeze at -80°C where possible, or at least at -20°C.

***Samples may be stored at +4°C out of hours and at weekends prior to processing and freezing.***

**ALIUOTS** must be stored in screw-cap cryovials, not flip-top tubes.

Label aliquots with:

- (i) 5 digit site code + 4 digit patient code – using a solvent resistant marker
- (ii) “ISARIC” – using a solvent resistant marker
- (iii) “S” = serum; “P” = EDTA plasma; “CI” = citrate plasma; “C” = cell pellet – using a solvent resistant marker
- (iv) unique barcode label
- (v) date of collection and or study day

Please do not label samples with any patient identifiable information.

**After aliquots have been assigned barcodes and the Transport of Samples form has been updated, please scan this document and email to [ozzy.dincarslan@glasgow.ac.uk](mailto:ozzy.dincarslan@glasgow.ac.uk)**

## SPECIMEN HANDLING

PHE have issued guidance on appropriate biosafety levels for handling specimens from patients with COVID-19: <https://www.gov.uk/government/publications/wuhan-novel-coronavirus-guidance-for-clinical-diagnostic-laboratories/wuhan-novel-coronavirus-handling-and-processing-of-laboratory-specimens>

- **Section 5.1** Processing of respiratory tract specimens, faecal specimens, urine specimens, and tissue specimens in which virus has not been inactivated should be conducted at BSL3. No such processing is required for this protocol. **These samples should remain double bagged and frozen pending transport to the MRC-University of Glasgow Centre for Virus Research.**
- Section 5.2 **Accordingly, processing of whole blood, including aliquoting of serum and plasma can be conducted at BSL2**, as long as it is consistent with the terms of the local risk assessment.
- Section 6 **Manual centrifugation of specimens with infectious potential must be performed using sealed centrifuge rotors or sample cups. Rotors or cups should be loaded and unloaded in a Microbiology Safety Cabinet.**

**Thus, blood from COVID-19 patients participating in the CCP-UK study may be spun and aliquoted in usual BSL2 laboratories.**

## PREPARATION OF SAMPLES FOR ONWARD TRANSPORT TO GLASGOW

**Pathogen** samples should already be labelled, double-bagged, and frozen. Frozen **blood** samples (RNA tube and aliquots) should be double bagged together. BLOOD and PATHOGEN samples should be placed together into the sealable UN3373 compliant plastic pod and frozen. We suggest for convenience all samples are stored and frozen in this pod prior to collection when the pod should be placed in the cardboard container supplied with it. Please ensure that the outer surfaces of the pods are decontaminated with suitable disinfectant (eg 70% IMS or 1% Virkon) prior to packing into the cardboard container.

Each shipment must include an itemised **list of samples** placed between the secondary container and outer packing listing the summary details of each pod. This is a legal requirement under the Carriage of Dangerous Goods Regulations 2009. Complete and include the ***Transport of Samples form*** with patient number, collection date and attach copies of each barcode used. Alternatively, a printed copy of the electronic log may be used. The details of contents of package information from the reverse of the transport form must also be included. The third copy of the barcode may be used for local records such as CRF or consent form if appropriate.

Contact Sarah McDonald [sarah.mcdonald@glasgow.ac.uk] to arrange transport to Glasgow. This will be booked with CryoPDP at a mutually agreed date & time. The courier will provide outer transport boxes half-filled with dry ice. When packing the secondary safety containers please decontaminate the outside of each container with 70% ethanol or IMS, place the container inside a biobag along with some absorbent material (eg tissue), remove the yellow strip from the biobag and seal the tab over to close the bag. Following this please spray the outside of the biobag with 70% ETOH/IMS before placing in the dry ice boxes.

The courier should provide all labels required, but if needed the delivery address is as follows:

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Dr. Sarah McDonald  
 MRC-University of Glasgow Centre for Virus Research  
 Sir Michael Stoker Building  
 Garscube Campus  
 464 Bearsden Road  
 Glasgow  
 G61 1QH  
 Tel: 0141 330 2989  
 0141 330 4635  
 07846198626

Please include the completed **Transport of Samples form** or **printed version of the electronic sample log:**

ISARIC WHO Clinical Characterisation Protocol UK

**Transport of Samples from diagnostic Labs to MRC-University of Glasgow Centre for Virus Research**

<small>Shipping date:</small>	
<small>Packed by: (print name and sign)</small>	
<small>Date of receipt:</small>	<small>Checked by:</small>

Record any additional comments on the reverse of this sheet. Ensure the emergency information on Page 2 is included with every shipment.

<small>Participant number:</small>	<small>Timepoint: Recruitment/Day 3/Day 5/Convalescent</small>	<small>Collection Date:</small>	<small>Processing Date:</small>
<b>Pathogen samples (to be bagged together):</b>			
<small>SAM strip</small>			
<small>Oral swab</small>			
<small>Throat swab (universal container)</small>			
<small><span style="color: red;">NPA</span> (universal container)</small>			
<small>Endotracheal aspirate (universal container)</small>			
<small>Urine (universal container)</small>			
<small>Rectal swab/stool sample (universal or stool sample container)</small>			
<small>Other swabs (infection sites, sores etc. in universal container)</small>			
<b>Blood samples (to be bagged together):</b>			
<small>Serum (up to 3x2ml screw-cap vial)</small>			
<small>Plasma (up to 3x2ml screw-cap vial)</small>			
<small>Cell pellet (3x 2ml screw-cap vial)</small>			
<small>Tempus/PAXgene tube for blood RNA</small>			

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**APPENDIX: SITE CODES**

Location	Location Name
A101H	Arran War Memorial Hospital
A103H	Ayrshire Central Hospital
A105H	Kirklandside Hospital
A110H	Lady Margaret Hospital
A111H	University Hospital Crosshouse
A112H	Brooksby Day Hospital
A114H	Warrix Avenue Mental Health Community Rehabilitation Unit
A201H	Ailsa Hospital
A202E	Maybole Day Hospital
A208H	Biggart Hospital
A210H	University Hospital Ayr
A211H	Arrol Park Resource Centre
A214H	Three Towns Resource Centre
A215H	East Ayrshire Community Hospital
A216H	Girvan Community Hospital
A217H	Woodland View
B103H	The Knoll Hospital
B104H	Galavale House
B105H	Hawick Community Hospital
B108H	Andrew Lang Unit
B114H	Kelso Hospital
B118H	Hay Lodge Hospital
B120H	Borders General Hospital
B121H	Hawick Psychiatric Day Hospital
B122H	Hawick Psychogeriatric Day Hospital
B123H	Peebles Psychogeriatric Day Hospital
B124H	Galashiels Psychogeriatric Day Hospital
B127H	Eyemouth Day Hospital
B128H	Crumhaugh House
B129H	Melburn Lodge
B130H	Huntlyburn House
Y101H	Castle Douglas Community Hospital
Y103H	Crichton Royal Hospital
Y105H	Nithbank Hospital
Y106H	Kirkcudbright Cottage Hospital
Y107H	Thomas Hope Hospital

Y108H	Lochmaben Hospital
Y109H	Moffat Community Hospital
Y110H	Newton Stewart Hospital
Y114H	Thornhill Hospital
Y120H	Annan Hospital
Y124H	Cromarty
Y126H	Acorn House
Y129H	Wellgreen Cottages
Y130H	Innistaigh
Y132H	Cardoness
Y134H	Treastaigh
Y135H	Nithview Day Hospital
Y136H	Laurel Bank (CETU)
Y138H	Heather Lodge (CETU)
Y142H	Lismore
Y144H	Galloway Community Hospital
Y145H	Midpark Hospital
Y146H	Dumfries & Galloway Royal Infirmary
F701H	Cameron Hospital
F704H	Victoria Hospital
F705H	Victoria Maternity Unit
F708H	Adamson Hospital
F709H	St Andrews Community Hospital
F710H	Randolph Wemyss Memorial Hospital
F711H	Whytemans Brae Hospital
F712H	Stratheden Hospital
F714H	Weston Day Hospital
F716H	Glenrothes Hospital
F805H	Queen Margaret Hospital
F810H	Lynebank Hospital
V102H	Falkirk Community Hospital
V105H	Bo'ness Hospital
V106H	Bellsdyke Hospital
V201H	Stirling Community Hospital
V214H	Lochview Hospital
V215H	Bungalows/Red Lodge
V216H	Clackmannanshire Community Healthcare Centre
V217H	Forth Valley Royal Hospital

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<b>N101H</b>	Aberdeen Royal Infirmary
<b>N102H</b>	Woodend General Hospital
<b>N103H</b>	City Hospital
<b>N104H</b>	Woolmanhill Hospital
<b>N106H</b>	The Baird Family Hospital
<b>N111H</b>	Hyperbaric Centre
<b>N121H</b>	Royal Aberdeen Children's Hospital
<b>N151H</b>	Aboyne Hospital
<b>N161H</b>	Aberdeen Maternity Hospital
<b>N181H</b>	Glen O'Dee Hospital
<b>N183H</b>	Roxburghe House
<b>N184H</b>	Maidencraig House
<b>N198H</b>	Royal Cornhill Hospital
<b>N331H</b>	Inverurie Hospital
<b>N332H</b>	Insch & District War Memorial Hosp.
<b>N333H</b>	Peterhead Community Hospital
<b>N334H</b>	Fraserburgh Hospital
<b>N335H</b>	Jubilee Hospital
<b>N336H</b>	Turriff Cottage Hospital
<b>N337H</b>	Chalmers Hospital
<b>N352H</b>	Ugie Hospital
<b>N401E</b>	Buckie Day Hospital
<b>N411H</b>	Dr Gray's Hospital
<b>N431H</b>	Seafield Hospital
<b>N432H</b>	Stephen Cottage Hospital
<b>N433H</b>	Turner Memorial Hospital
<b>N434H</b>	Leancoil Hospital
<b>N451H</b>	Fleming Cottage Hospital
<b>N492H</b>	Rehabilitation Hospital
<b>N494H</b>	Kincardine Community Hospital
<b>N495H</b>	Pluscarden Clinic
<b>N496H</b>	375 Great Western Lodge
<b>N499H</b>	Elmwood
<b>N500H</b>	Aberdeen Community Health and Care Village
<b>C204H</b>	Dumbarton Joint Hospital/Riverview Resource Centre
<b>C206H</b>	Vale of Leven General Hospital
<b>C310H</b>	Ravenscraig Hospital
<b>C313H</b>	Inverclyde Royal Hospital

<b>C403H</b>	Dykebar Hospital
<b>C418H</b>	Royal Alexandra Hospital
<b>C419H</b>	Larkfield Unit
<b>C420H</b>	Blythswood House
<b>G106H</b>	Glasgow Dental Hospital and School
<b>G107H</b>	Glasgow Royal Infirmary
<b>G108H</b>	The Princess Royal Maternity Unit
<b>G109H</b>	Lightburn Hospital
<b>G110H</b>	Acorn Street Day Hospital
<b>G112H</b>	Parkview Resource Centre
<b>G113H</b>	Auchinlea Resource Centre
<b>G207H</b>	Stobhill Hospital
<b>G212H</b>	Shawpark Resource Centre
<b>G214H</b>	Springpark Resource Centre/Day Hosp
<b>G302H</b>	Leverndale Hospital
<b>G303H</b>	Mearnskirk House
<b>G306H</b>	New Victoria Hospital
<b>G405H</b>	Queen Elizabeth University Hospital
<b>G408H</b>	Florence Street Mental Health Resource Centre
<b>G410H</b>	Shawmill Resource Centre
<b>G504H</b>	Gartnavel General Hospital (Admin Purposes)
<b>G505H</b>	Gartnavel Royal Hospital
<b>G507H</b>	Centre for Integrative Care
<b>G513H</b>	Royal Hospital for Children
<b>G516H</b>	West Glasgow
<b>G517H</b>	Beatson West of Scotland Cancer Centre
<b>G596H</b>	Anvil Resource Centre
<b>G598H</b>	Arran Resource Centre
<b>G599H</b>	Riverside Resource Centre
<b>G600H</b>	Festival Business Park
<b>G602H</b>	Eastwood Resource Centre
<b>G603H</b>	Arndale Resource Centre
<b>G605H</b>	Bridgeview Resource Centre
<b>G607H</b>	Woodlands Resource Centre
<b>G608H</b>	2-4 Waterloo Close
<b>G609H</b>	The Orchards
<b>G610H</b>	Pineview
<b>G611H</b>	Netherton



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<b>G612H</b>	Rowanbank Clinic
<b>G613H</b>	Skye House
<b>G614H</b>	Orchard View
<b>G615H</b>	The Mary Aitkenhead Centre
<b>C101H</b>	Argyll and Bute Hospital
<b>C106H</b>	Cowal Community Hospital
<b>C108H</b>	Islay Hospital
<b>C113H</b>	Victoria Hospital
<b>C114H</b>	Victoria Hospital Annexe
<b>C121H</b>	Lorn & Islands Hospital
<b>C122H</b>	Campbeltown Hospital
<b>H101H</b>	Dunbar Hospital
<b>H103H</b>	Caithness General Hospital
<b>H104H</b>	Wick Town and County Hospital
<b>H106H</b>	Lawson Memorial Hospital
<b>H201H</b>	RNI Community Hospital
<b>H202H</b>	Raigmore Hospital
<b>H208H</b>	Nairn Town and County Hospital
<b>H210H</b>	Ian Charles Community Hospital
<b>H211H</b>	St Vincent's Hospital
<b>H212H</b>	Belford Hospital
<b>H213H</b>	Glencoe Hospital
<b>H214H</b>	Mackinnon Memorial Hospital
<b>H215H</b>	Portree Hospital
<b>H217H</b>	Ross Memorial Hospital
<b>H219H</b>	County Community Hospital Invergordon
<b>H221H</b>	Osprey House
<b>H223H</b>	New Craigs Hospital
<b>H224H</b>	Mid-Argyll Community Hospital and Integrated Care Centre
<b>H225H</b>	Dunaros Community Hospital
<b>H226H</b>	Migdale Hospital
<b>H227H</b>	Mull and Iona Community Hospital
<b>H228H</b>	Aviemore Hospital (Land)
<b>L103H</b>	Coathill Hospital
<b>L104H</b>	Victoria Memorial Cottage Hospital
<b>L105H</b>	Wester Moffat Hospital
<b>L106H</b>	University Hospital Monklands
<b>L203H</b>	Cleland Hospital

<b>L204H</b>	Hartwoodhill Hospital
<b>L206H</b>	Kello Hospital
<b>L207H</b>	Lady Home Cottage Hospital
<b>L209H</b>	Lockhart Hospital
<b>L211H</b>	Roadmeetings Hospital
<b>L213H</b>	Strathclyde Hospital
<b>L216H</b>	Kirklands Hospital
<b>L218H</b>	Airbles Road Centre
<b>L302H</b>	University Hospital Hairmyres
<b>L304H</b>	Stonehouse Hospital
<b>L305H</b>	Udston Hospital
<b>L306H</b>	Coathill House
<b>L307H</b>	Beckford Lodge
<b>L308H</b>	University Hospital Wishaw
<b>L395E</b>	Red Deer Centre/Day Hospital
<b>S102H</b>	Belhaven Hospital
<b>S103H</b>	Corstorphine Hospital
<b>S107H</b>	Edenhall Hospital
<b>S108H</b>	Edington Cottage Hospital
<b>S109H</b>	Herdmanflat Hospital
<b>S113H</b>	Roodlands General Hospital
<b>S114H</b>	Royal Victoria Hospital
<b>S116H</b>	Western General Hospital, Edinburgh
<b>S201H</b>	Astley Ainslie Hospital
<b>S203H</b>	Chalmers Hospital
<b>S206H</b>	Edinburgh Dental Institute
<b>S209H</b>	Liberton Hospital
<b>S217H</b>	Royal Edinburgh Hospital
<b>S225H</b>	Royal Hospital for Sick Children (Edinburgh)
<b>S232H</b>	Cambridge Street Day Centre
<b>S234H</b>	William Fraser Centre
<b>S235H</b>	The Islay Centre
<b>S240H</b>	Glencorse Day Centre
<b>S241H</b>	Bonnyrigg Day Centre
<b>S243H</b>	Ballenden House
<b>S305H</b>	St Michael's Hospital
<b>S306H</b>	Tippethill Hospital
<b>S307H</b>	Whitburn Day Hospital
<b>S308H</b>	St John's Hospital

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<b>S309H</b>	Inchkeith House
<b>S310H</b>	Ferryfield House
<b>S311H</b>	Bathgate House Day Hospital
<b>S312H</b>	Learning Disabilities Service Healthcare Houses
<b>S313H</b>	Ellen's Glen House
<b>S314H</b>	Royal Infirmary of Edinburgh at Little France
<b>S315H</b>	Findlay House
<b>S316H</b>	Princess Alexandra Eye Pavilion
<b>S317H</b>	Whitburn House
<b>S318H</b>	Midlothian Community Hospital
<b>S319H</b>	Royal Hospital for Children and Young People
<b>S320H</b>	East Lothian Community Hospital
<b>D101H</b>	State Hospital
<b>D102H</b>	Golden Jubilee National Hospital
<b>R101H</b>	Balfour Hospital
<b>R103H</b>	The Balfour
<b>Z102H</b>	Gilbert Bain Hospital
<b>T101H</b>	Ninewells Hospital
<b>T104H</b>	Kings Cross Hospital
<b>T107H</b>	Royal Victoria Hospital
<b>T113H</b>	Dundee Dental Hospital
<b>T115H</b>	Strathmartine Hospital
<b>T116H</b>	Armitstead Child Development Centre
<b>T120H</b>	Hawkhill Day Hospital
<b>T121H</b>	Dundonald Centre
<b>T122H</b>	Dudhope House (Young Persons Unit)
<b>T123H</b>	Royal Victoria Day Hospital
<b>T202H</b>	Perth Royal Infirmary
<b>T205H</b>	St Margaret's Hospital
<b>T207H</b>	Aberfeldy Cottage Hospital
<b>T209H</b>	Blairgowrie & Rattray Cottage Hospital
<b>T215H</b>	Murray Royal Hospital
<b>T221H</b>	Scone Day Hospital
<b>T304H</b>	Arbroath Infirmary
<b>T305H</b>	Brechin Infirmary
<b>T309H</b>	Little Cairnie Hospital
<b>T310H</b>	Montrose Royal Infirmary
<b>T312H</b>	Stracathro Hospital

<b>T313H</b>	Whitehills Hospital
<b>T314H</b>	Gowanlea
<b>T316H</b>	Crieff Community Hospital
<b>T317H</b>	Carseview Centre
<b>T319H</b>	Whitehills Health and Community Care Centre
<b>T320H</b>	Pitlochry Community Hospital
<b>T321H</b>	Perth Dental Hospital
<b>T322H</b>	Kingsway Care Centre
<b>T323H</b>	Bluebell Intermediate Care Unit
<b>T324H</b>	Dudhope Young Peoples Inpatient Unit
<b>T325H</b>	CAMHS Hospital Unit
<b>W106H</b>	St Brendans Cot Hospital
<b>W107H</b>	Western Isles Hospital
<b>W108H</b>	Uist & Barra Hospital