**COG UK: Request form for access to data in CLIMB-COVID-19**

V1.3 – Apr 2021

**Instructions for use**

* Complete the attached template for all analyses that require COG UK data held in the CLIMB-COVID-19 system. Give details of the planned analysis and the data items required.
* Completed proposals for analyses should be submitted to COG-UK Data Access Inbox: coguk\_DataAccess@medschl.cam.ac.uk for review by the COG-UK Steering Group and public health agencies as described in the COG-UK consortium agreement.
* If the proposal is approved, named individuals will be granted access to the agreed dataset in CLIMB-COVID-19 to conduct the analysis.
* Consortium members do not need approval for analyses that require only sequence data and data items classified as either public or consortium access. (The table in the data requirements section gives details of the classification of the data items available).
* All analysis must be conducted in accordance with the terms and conditions of the COG-UK consortium agreement, including the consortium publication and authorship policy.
* Analyses that require data that is not held in CLIMB-COVID-19 or that require export of data for analysis elsewhere will require separate agreements with public health agencies. Please contact coguk\_DataAccess@medschl.cam.ac.uk in the first instance to discuss the requirement.

**COG-UK Analysis proposal (2-page limit)**

Proposal title:

Analysis lead and institution:

Analysis co-authors and institution:

Proposal key questions:

Public health relevance:

Background:

Methodology:

**Data requirements**

The data items below are those included in the COG-UK consortium agreement. The quality and completeness of data varies over time, between UK nations and based on the route by which the sample was obtained.

Please complete the columns to indicate which data items are required for the proposed analyses and provide a brief justification or details of the information to be provided. Requests for ‘restricted’ data items will be reviewed by public health agencies to ensure only the minimum information is provided and the risk of breaching patient confidentiality is minimised.

| **Data item** | **MRC-CLIMB field name** | **Description** | **Privacy level**  **(Public, Consortium or Restricted)** | **Expected source**  **(Sequencing lab, PHA or both)** | **Field type / validation** | **Required for analysis? (Y/N)** | **Justification for inclusion in analysis** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sample identifiers** | | | | | | | |
| **Central Sample ID** | central\_sample\_id | COG-UK ID provided by Wellcome Sanger Institute. Unique sample identifier. | Public | Both | Centrally assigned ID  (e.g.SANG-1E2407) |  |  |
| **COG-UK Patient ID** | biosample\_source\_id | For linking repeat samples from the same patient or environment.  For sequencing labs: COG-UK Identifier for the first sample from this patient / environment  For PHA: unique but anonymous ID for this patient | Consortium | Both |  |  |  |
| **Sample details** | | | | | | | |
| **Date of sample**  **(collected)** | collection\_date | Date sample collected | Public | Both | Date (YYYY-MM-DD)  Day of month must be provided |  |  |
| **Date of sample (received)** | received\_date | Date sample received by any lab | Public | Both | Date (YYYY-MM-DD)  Day of month must be provided |  |  |
| **Sampling strategy** | is\_surveillance | Whether sample was chosen according to the surveillance sampling strategy | Consortium | Sequencing lab | ‘Y’ or ‘N’ |  |  |
| **Sample type collected** | sample\_type\_collected | Type of sample at collection | Consortium | Both | One of: ‘unknown’, ‘swab’, ‘sputum’, ‘BAL’, ‘other’ |  |  |
| **Swab site** | swab\_site | Site of swab | Consortium | Both | If sample\_type is swab, one of: ‘nose’, ‘throat’ or ‘nose-throat’ |  |  |
| **Sample type received** | sample\_type\_received | Type of sample received by sequencing lab | Consortium | Sequencing lab | One of: ‘primary sample’, ‘extract’, ‘culture’ |  |  |
| **Ct value** | diagnostic\_ct\_value / test\_kit / test\_platform / test\_target | Cycle threshold value and detail of measurement from diagnostic RT-PCR test | Consortium | Sequencing site |  |  |  |
| **Demographics and employment** | | | | | | | |
| **UK nation** | adm1 | UK nation | Public | Both | One of: ‘UK-ENG’, ‘UK-SCT’, ‘UK-WLS’, ‘UK-NIR’ |  |  |
| **County** | adm2 | Patient’s county of residence | Consortium | Both | Text |  |  |
| **Outer postcode** | adm2\_private | Outer postcode of patient residence | Consortium | Both | Text |  |  |
| **Age** | source\_age | Patient age | Consortium | Both | Age bands: <5, 5-9, 10-19, 20-29, 30-39, 40-49, 50-59, 60-69, 70-79, 80+ |  |  |
| **Sex** | source\_sex | Patient sex | Consortium | Both | One of: ‘F’, ‘M’, ‘Other’ |  |  |
| **Ethnicity** | TBC | Ethnicity | Restricted | PHA | Self-assigned ethnicity |  |  |
| **Socio-economic status** | TBC | Area level deprivation quintile based on income domain of Indices of Multiple Deprivation | Restricted | PHA | Integer |  |  |
| **Household ID** | TBC | Anonymous household ID generated by PHA from full address | Restricted | PHA | Text |  |  |
| **Healthcare worker** | is\_hcw | Is the sample from a health care worker? | Restricted | Both | One of: ‘Y’, ‘N’ or ‘blank’ |  |  |
| **Employing hospital** | employing\_hospital\_name | Name of the hospital if a health care worker who works in a hospital. | Restricted | Both | Text |  |  |
| **Employing trust / board** | employing\_hospital\_trust\_or\_board | Name of the trust / health board if a health care worker who works in a hospital. | Restricted | Both | Text |  |  |
| **Care home worker** | is\_care\_home\_worker | Is the sample from a care home worker? | Restricted | Both | One of: ‘Y’, ‘N’ or ‘blank’ |  |  |
| **Care home resident** | is\_care\_home\_resident | Is the sample from a care home resident? | Restricted | Both | One of: ‘Y’, ‘N’ or ‘blank’ |  |  |
| **Care home ID** | anonymised\_care\_home\_code | Locally assigned anonymous code (up to ten characters) that links samples from the same care home. | Restricted | Both | Text (10 char) |  |  |
| **Case severity and outcome** | | | | | | | |
| **Hospitalisation** | is\_hospital\_patient | Is the sample from an admitted hospital patient? | Restricted | Both | One of: ‘Y’, ‘N’ or ‘blank’ |  |  |
| **Date of admission** | admission\_date | Date of admission to hospital | Restricted | Both | Date (YYYY-MM-DD) |  |  |
| **Admitting hospital** | admitted\_hospital\_name | Name of the hospital if a hospital patient. | Restricted | Both | Text |  |  |
| **Admitting trust or board** | admitted\_hospital\_trust\_or\_board | Name of the trust / health board if a hospital patient. | Restricted | Both | Text |  |  |
| **Admitted with COVID-19 diagnosis** | admitted\_with\_covid\_diagnosis | Was the patient admitted with a (suspected) diagnosis of COVID-19? | Restricted | Both | One of: ‘Y’, ‘N’ or ‘blank’ |  |  |
| **Critical care admission** | icu\_admission | Whether patient has been admitted to ICU | Restricted | Both | Boolean |  |  |
| **Outcome** | TBC | Outcome at 28 days | Restricted | PHA | Boolean – alive 28 days after date of sample |  |  |
| **Local investigations** | | | | | | | |
| **Investigation name** | investigation\_name | An optional field to name a local investigation. | Restricted | Sequencing site |  |  |  |
| **Investigation site** | investigation\_site | An optional site identifier where multiple sites appear in the same investigation. | Restricted | Sequencing site |  |  |  |
| **Investigation cluster** | investigation\_cluster | An optional cluster identifier for local sites to group samples believed to be in a local cluster. | Restricted | Sequencing site |  |  |  |
| **Vaccination week** | tbc | Epi week date of vaccination (e.g. a week time window). | Restricted | PHA | Date (Epi week) |  |  |
| **Vaccination type administered** | tbc | Vaccine type administered (e.g. AZD1222, mRNA-1273). | Restricted | PHA | Text |  |  |

**Individuals requiring access to data.** Please list individuals and their institutions. All institutions must be signatories to the COG-UK Consortium Agreement or a separate data access agreement.

**Study specific data.** If you plan to upload any data to CLIMB as part of your analysis please describe this below.