COVID-19 Pathology Results – Pillar 2

Contents

Document History

Version	Date	Description
1.0	05/06/2020	Document created.
1.1	10/06/2020	Minor amendments based on BMA feedback.

Please note: All patient data shown in this document is fictitious.

Background and implementation

Pathology results from national COVID-19 "Pillar 2"[1] testing will be sent to SystmOne GPs and added to patient records in the coming weeks.

This will be done via two separate mechanisms:

1. **Results for ongoing testing will be sent into SystmOne using the existing pathology messaging, which has been adapted for this purpose.**

   These results will be **automatically filed** into patient records, if SystmOne is able to match the NHS number in the message sent by the lab to a specific patient at that GP practice.

   If we are unable to match the result to a patient, the result will appear on the "Reports with No Patient" tab of the Pathology / Radiology Inbox, from where they can be manually filed if they can be matched to a patient.

   Once filed, either automatically or manually, a coded entry will be created in patient records indicating the result, along with a pathology report that can be viewed within the "Pathology & Radiology" node in the record. You will also be able to view the EDIFACT message that was received.

2. **Results for tests that were conducted prior to the implementation of the ongoing messaging mechanism will be retrospectively added to records via a series of bulk imports into SystmOne.**

   NHS Digital have matched these results to an NHS number where possible – only results for patients where an NHS number could be identified will be included in an upload.

   Results recorded via this bulk import mechanism will be filed directly into the patient record at the time of the import.

   These results will be created as a coded entry in patient records indicating the result, along with a pathology report that can be viewed within the "Pathology & Radiology" node in the record.

Actions for GP practices

Communicating to patient and Public Health England

There is **no requirement** for GPs to communicate these results to patients, who will have already been notified by text or email along with guidance.

Furthermore, these results will already have been notified to Public Health England, so GP practices **do not** need to take any action to notify PHE.

Updating the Summary Care Record

However, results received via both mechanisms **will** create a pending SCR update. GPs will be prompted to send these updated to the Spine when they are next logged in with a smartcard. Please be aware that processing a large number of SCR updates may take several minutes, so we recommend that you send these from a separate SystmOne instance if necessary.

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[1] https://www.gov.uk/government/publications/coronavirus-covid-19-testing-data-methodology/covid-19-testing-data-methodology-note

Possible results

Results that are created through the import of backlog data will be either a positive, negative, or unknown COVID-19 result with one of the following codes:

Lab result	SNOMED CT code	SNOMED CT description
Positive	1240581000000104	SARS-CoV-2 (severe acute respiratory syndrome coronavirus 2) RNA (ribonucleic acid) detection result positive
Negative	1240591000000102	SARS-CoV-2 (severe acute respiratory syndrome coronavirus 2) RNA (ribonucleic acid) detection result negative
Unknown	1321691000000102	SARS-CoV-2 (severe acute respiratory syndrome coronavirus 2) RNA (ribonucleic acid) detection result unknown

Ongoing results that come in via an EDIFACT message can take any of the above codes, or any of the following set of codes[2]:

SNOMED CT code	SNOMED CT description
1322781000000102	SARS-CoV-2 (severe acute respiratory syndrome coronavirus 2) antigen detection result positive
1322791000000100	SARS-CoV-2 (severe acute respiratory syndrome coronavirus 2) antigen detection result negative
1322801000000101	SARS-CoV-2 (severe acute respiratory syndrome coronavirus 2) antigen detection result indeterminate
1322821000000105	SARS-CoV-2 (severe acute respiratory syndrome coronavirus 2) antigen detection result unknown
1322871000000109	SARS-CoV-2 (severe acute respiratory syndrome coronavirus 2) antibody detection result positive
1322891000000108	SARS-CoV-2 (severe acute respiratory syndrome coronavirus 2) antibody detection result negative
1322901000000109	SARS-CoV-2 (severe acute respiratory syndrome coronavirus 2) antibody detection result indeterminate
1322911000000106	SARS-CoV-2 (severe acute respiratory syndrome coronavirus 2) antibody detection result unknown
1321541000000108	SARS-CoV-2 (severe acute respiratory syndrome coronavirus 2) IgG detection result positive
1321571000000102	SARS-CoV-2 (severe acute respiratory syndrome coronavirus 2) IgG detection result negative
1322831000000107	SARS-CoV-2 (severe acute respiratory syndrome coronavirus 2) IgG detection result indeterminate
1321641000000107	SARS-CoV-2 (severe acute respiratory syndrome coronavirus 2) IgG detection result unknown
1321551000000106	SARS-CoV-2 (severe acute respiratory syndrome coronavirus 2) IgM detection result positive
1321561000000109	SARS-CoV-2 (severe acute respiratory syndrome coronavirus 2) IgM detection result negative
1322851000000100	SARS-CoV-2 (severe acute respiratory syndrome coronavirus 2) IgM detection result indeterminate
1321581000000100	SARS-CoV-2 (severe acute respiratory syndrome coronavirus 2) IgM detection result unknown
1321761000000103	SARS-CoV-2 (severe acute respiratory syndrome coronavirus 2) IgA detection result positive
1321791000000109	SARS-CoV-2 (severe acute respiratory syndrome coronavirus 2) IgA detection result negative
1322841000000103	SARS-CoV-2 (severe acute respiratory syndrome coronavirus 2) IgA detection result indeterminate
1321781000000107	SARS-CoV-2 (severe acute respiratory syndrome coronavirus 2) IgA detection result unknown

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[2] Please see the guidance at https://hscic.kahootz.com/connect.ti/COVID19_info_sharing/grouphome for more information on how to interpret these results.