# RAPTOR – a general guide

Version 2, updated to reflect protocol v.6

01.03.2022

Video tutorial guide is available <u>here</u>.

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### STEP 1 – identify eligible patients

### **Eligibility:**

- Patients with covid-like symptoms (any symptoms associated with covid that may lead the clinician to suspect a covid infection) can be recruited (<u>protocol</u> v.6, p16-7)
- Patients must be exhibiting covid-like or flu-like symptoms to be eligible. Within 12 days of symptom onset for Lumira
- Patients with recurring covid-like symptoms can be recruited into the study, but can only participate once
- Patients who have tested positive for covid and are no longer symptomatic, or have not developed symptoms, are not eligible for the study at the moment
- Patients who have come into contact with someone who has tested positive can only be included if they also develop symptoms (but this may be a useful avenue to identify potential participants)
- Patients who are in immediate need of hospitalisation, or who are unable to understand and consent to the study, are not eligible
- In all cases, if in doubt please refer to the product Information For Use (IFU form), and follow the product guidelines
- Children can be included in the study, with parental/guardian consent
- Patient information sheets for the different age groups can be found here

### **Identification:**

- Opportunistic recruitment: patients who report covid-like symptoms to the practice could trigger research prompts (e.g. pop-up on patient record)
- Searching patient records for recent positive covid rest results
- Patient self-identification: provide information about the study on practice website, social media, posters within the practice, on the practice recorded telephone message
- See here for tips on maximising recruitment

# STEP 2 – patient consent

### Steps:

- Add patient to uMed platform
  - Note: write +44 at the beginning of the contact phone number, not 44, for UK numbers
- Ensure the patient has read and understood the patient information leaflet, relevant to their age group (available on the <a href="RAPTOR">RAPTOR</a> website)
- Run through all steps of the eCRF
  - o recorded uMed training webinar
  - o written guide

### **Training:**

• <u>uMed training guide</u>

# STEP 3 – Point of care tests (POCTs)

- **RAPTOR** website with links
- Always please read the IFU for product use and for more information

#### **Lumira Dx**

Patient must be exhibiting covid-like or flu-like symptoms, ideally within 12 days of symptom

**Training video** 

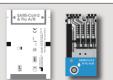
Lumira product documents for <u>flu and</u> covid tests

Lumira product documents in full Lumira quick test guide



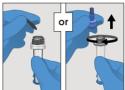
#### // lumiraDx SARS-CoV-2 Flu A/B

#### LumiraDx SARS-CoV-2 & Flu A/B Test Kit Components



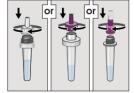


oles before following steps 1 - 4 of Running the Test.





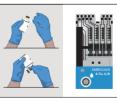




#### Running the Test



Select Patient Test from the Instrument Home Screen and enter the unique patient identifier information in the Patient ID details using the Keyboard.



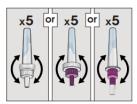
Remove the Test Strip from its pouch and hold by gripping only the blue portion. Do not touch the Test Strip Sample Application Area. Do not bend the Test Strip or touch any part other than the blue portion.



3. When prompted, open the Instrument door and gently insert the Test Strip as for as it will go. The thick block digment in born the Test Strip should be on the left and line up with the block in a on the Instrument. Do not apply the sample until grompted, install the Lot Calibration file if using a new Test Strip Lot for the first time. See the Poliform User Manual for ruther details.



4. Confirm the test type.



**5.** Gently invert the **Extraction Vial** five times just before applying the sample to the **Test Strip**.



6. Apply one whole drop of the sample onto the Test Strip Sample Application Area when prompted by the Instrument.



Close the door when prompted to continue the test.



▲ Example of an error screen:
If the On Board Control (OBC) falls, an error message will be shown, and no test result will be returned.
Follow the on screen instructions to dispose of the test Strip and start a new test. If the problem persists contact Lumirably Customer Services.

Interpretation of Results
Results are displayed within 12 minutes of applying the sample. Top Finish to complete testing or top Comment
to laave a comment or to reject the Test, then follow prompts to return to the Home Screen. All test results must
be read using the Luminosis instrument.

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Customer Services

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Quality Controls

To complete Quality Control assessment of the LuminoDx Instrument and SARS-CoV-2 & Flu A/8 test strips, you must use LuminoDx SARS-CoV-2 & Flu A/8 test strips, you must use LuminoDx SARS-CoV-2 & Flu A/8 Quality Controls which are available separately. If the Quality Controls do not perform as expected, do not report patient results. Refest using a new Test Strip – if problems persist contact luminoDx Customer Services.

### STEP 4 – virology reference swab

Swab processing:

- Take a nose and throat swab sample using the swab provided
- Insert the swab into the tube and break off the tip before securing the lid on
- Place the sample tube inside the packaging tube bottom first with the green lids on the same side:



- Place back in box with the completed form:
  - The RCGP RAPTOR STUDY PHE Microbiology request form, should be complete with the correct practice address (please check before continuing), project code and barcode.
  - o Please complete the form IN FULL
  - Please take extra care to ensure that the patient NHS number, name, DOB, RAPTOR ID, and date of sample collection are complete and correct (the patient RAPTOR ID should be at the top of their consent form)
- Insert into envelope addressed to the Colindale lab in London and post in a priority post box:

Virus Reference Department
61 Colindale Avenue

London

NW9 5HT

RAPTOR participant ID = the participant identifier number on the uMed participant record (see the top of the page when clicked in to a participant's records).

RAPTOR site ID = unique site code assigned by the RAPTOR project, NOT the practice code. The site ID can be found at the top of a completed participant consent form. Go to a participant record and click on:

'Form status' -> 'Study forms' -> 'View answers' -> 'download form'

The top of the form should have the study code, site identifier, and participant identifier at the top, e.g.:

RAP – [RAPTOR site ID] – [RAPTOR participant ID]

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OXFORD Chi	ail: RAPTOR@phc.ox.ac.uk	
OXFORD Chi		Participant Identifier

#### STEP 5 - check uMed

- Please check that all the correct information has been coded into uMed to complete the patient records
- This is extremely important as incomplete participant records may affect the funding that can be received for recruiting each participant