

## **Brief instructions:**

# **APP to reduce waiting times for Corona tests & Followup for risk patients**

Before the test, the person to be examined loads the app "**MY PATIENT DATA**" onto the smartphone and uses this app to fill out the form "**Corona Med. History**". The app generates a barcode with which the entered data can be transferred via a barcode reader to any clinical software (electronic medical record system, EHR etc.) **WITHOUT** installing additional software (barcode readers work like a keyboard). This should speed up the documentation process. The app only saves the data locally on the smartphone. The app can later be used to document patient followup in quarantine.

### **1) App Installation**

**Apple iOS:** Start Apple App Store

=> Search for "My Patient Data"

=> Install

=> Start App

Alternative: Scan this Barcode with a Smartphone:



**Google Android:** Start Google Play

=> Search for "My Patient Data"

=> Install

=> Start App

Alternative: Scan this Barcode with a Smartphone:



## 2) Fill in Corona Medical History

=> Store => Barcode

8:22

**Symptoms**

Do you have a cough? (\*)  
 yes  no

Have you got the sniffles? (\*)  
 yes  no

Do you have hoarseness? (\*)  
 yes  no

Do you have a fever or increased body temperature? (\*)  
 yes  no

What body temperature have you currently measured?  
39 \_\_\_\_\_ Degree Celsius

Do You have a disturbed sense of smell? (\*)  
 yes  no

Do you have a disturbed sense of taste? (\*)  
 yes  no

Do You have diarrhea? (\*)

8:24

**Risk area**

Have you been in a risk area for corona infection during the past 14 days or have you had contact with people who have been there?  
Risk areas are: Egypt, France, Iran, Italy, Netherlands, Austria, Switzerland, Spain, South Korea: Daegue and Gyeongsangbuk-do Province, USA, Great Britain and Northern Ireland (see [ecdc.europa.eu](https://ecdc.europa.eu) for the current list of risk areas) (\*)  
 yes  no

Where were you or your contacts?  
Netherlands \_\_\_\_\_

**General information**

Do you have other current diseases? (\*)  
 yes  no

Which current diseases?  
MDS \_\_\_\_\_

8:25

**My Patient Data**

Entry 1-1

Barcode

GO BACK SCANNER

## 3) Transfer data to clinical computer system

Login to clinical system

=> Open patient case

=> Open medical history form or clinical note

=> Click into appropriate text field (Cursor)

=> Scan barcode from smartphone with barcode reader

(distance approx. 20 cm; scanning through glass panel is possible; make sure that the smartphone is sufficiently bright)



=> Check: correct patient case? Data plausible?

=> Store note

## 4) Followup documentation for risk patients

In patients who have an increased risk of a severe course of disease due to previous illnesses (e.g. cardiovascular diseases, tumours), the course of the disease can be documented with the app in addition to corona medical history. This documentation should make it easier to assess at a later date whether the patient is stable or whether the course of the disease is progressive. The app reminds the patient once a day to document vital functions and symptom severity.

### Activate Followup documentation with reminder function

Start App

=> Click "(+)"

=> Select category Followup

=> for iOS devices: grant permission for notifications

=> Enter followup data and store it

The image displays three sequential screenshots of a mobile application interface for follow-up documentation. The first screenshot shows the 'FOLLOW-UP' section with instructions to document illness regularly and a 'Vital signs' section containing input fields for temperature (39.0°C), pulse (100/min), and systolic blood pressure (110 mmHg). The second screenshot shows the 'Symptoms' section with a scale for cough severity (0-10) and a list of shortness of breath symptoms, where 'Stops for breath after walking 100 yards, or after a few minutes on level ground' is selected. The third screenshot shows questions about pulse oximetry (95%), sniffles, diarrhoea, and sense of smell/taste, with 'yes' selected for all, and a 'Medication' section with 'yes' selected for regular medication.

**FOLLOW-UP**

Please document the course of your illness regularly. If you feel acutely worse, please contact your doctor and report those data.

**Vital signs**

What's your temperature?  
39 °C, 0 Degree Celsius (\*)

Pulse 100 /min (\*)

Please enter your systolic blood pressure (upper value of blood pressure measurement)  
110 mmHg (\*)

**Symptoms**

On a scale from 0 to 10, how severe is your cough? (\*)

0 No cough  
 1  
 2  
 3  
 4  
 5  
 6  
 7  
 8  
 9  
 10 Extreme cough

Are you experiencing shortness of breath? (\*)

Not troubled by breathless except on strenuous exercise  
 Short of breath when hurrying on a level or when walking up a slight hill  
 Walks slower than most people on the level, stops after a mile or so, or stops after 15 minutes walking at own pace  
 Stops for breath after walking 100 yards, or after a few minutes on level ground  
 Too breathless to leave the house, or

If you have a pulse oximeter: What's the oxygen saturation (SpO2)? 95

Have you got the sniffles?  
 yes  no

Do you have diarrhoea?  
 yes  no

Do you have a disturbed sense of smell?  
 yes  no

Do you have a disturbed sense of taste?  
 yes  no

If you have other symptoms, what are they?  
Headache

**Medication**

If you take medication regularly: Have you taken your medication today?  
 yes  no

If you took any extra medicine today: What

## **Switch reminder function on/off**

As soon as "followup" was opened, the app reminds once a day to document the course of the disease.

This notification can be deactivated as follows:

Start App

=> Symbol ≡ (upper left edge, preferences)

=> Click on the red X next to "Vital signs"

=> Confirm to remove notification

As soon as a new followup form is entered, the notification function is re-activated.

## **Transfer of Follow documentation into clinical software**

analog to transfer of Corona Medical History

For questions regarding this app please contact

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