

Additional information about Connected Diagnostics (ConnDx)

Figure A: Some of the screenshots taken from HealthPulse App

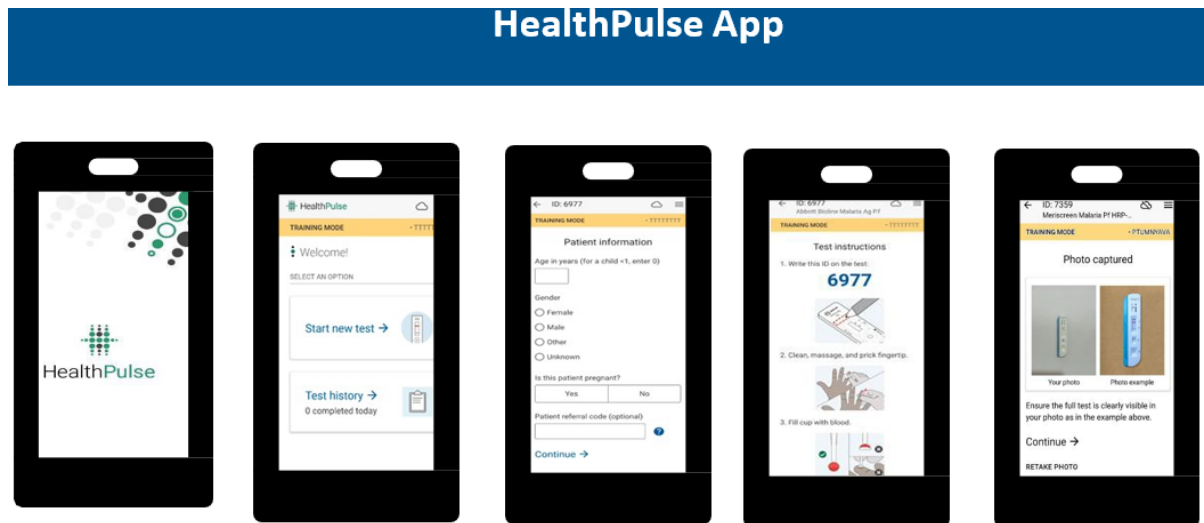
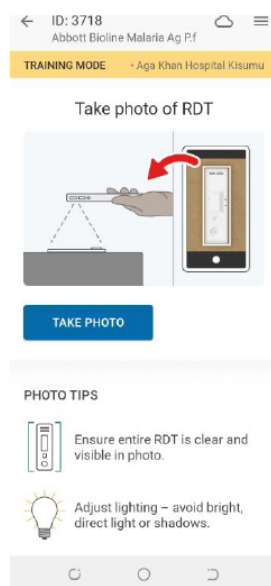


Figure B: Capturing mRDT photo using HealthPulse app

Take a photo of the RDT: Photo capture



Prepare to take photo

Follow guidance to take a clear, quality picture of the RDT.

Tips for taking a good photo:

- Use the sample image as a guide
- Use good lighting & avoid harsh shadows
- Fill white rectangle with RDT
- If blurry, **tap on screen to focus**
- If still blurry, raise phone a bit
- Hold the camera still when taking a photo until the photo is captured
- If you are in a dark room, the flash will go off automatically.



When ready - tap circle to take photo

Figure C: ConnDx dashboard as accessed from a mobile phone



Data quality in ConnDx

The Expert Panel involves a group of three independent, external readers from an independent organization that specializes in high-quality data annotation. The external readers are B-Corp certified and compliant with standards such as International Organization for Standardization (ISO 27001 and ISO 9001:2015), System and Organization Controls (SOC), General Data Protection Regulation (GDPR), and Health Insurance Portability and Accountability Act (HIPAA), ensuring rigorous data security and ethical practices. Each reader visually evaluates photos of RDTs without access to any additional

patient data, ensuring their interpretation is completely unbiased. If discordance is detected during quality control, the image is sent back for re-labelling by a new set of labellers, with prior labels removed to avoid bias. These readers have been extensively trained to handle a wide range of image qualities, including challenges such as blur, poor lighting, and blood in the RDT result window. Before joining the panel, each reader's accuracy was assessed to maintain high standards of interpretation reliability.