NHS | digihealthwell | TOGETHER WE'RE BETTER — Transforming health and care for Staffordshire & Stoke-on-Trent

THINKLABS ONE digital stethoscope

connection to smart phone / tablet

earphone connection

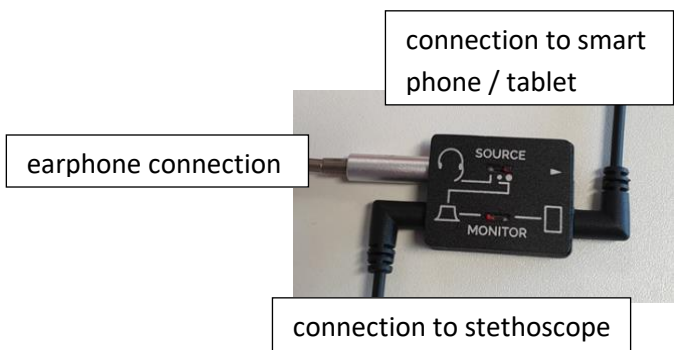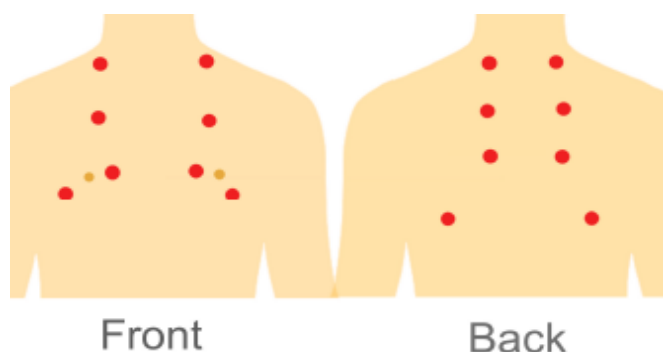connection to stethoscope

Basic guide of how you can use this e-stethoscope for how e.g. Care Home staff could record a patient's heart and lung sounds and send the sounds to the remote clinician (eg GP) to aid in remote assessment.

Download the **Thinklabs Wave** and **WhatsApp Messenger** apps (available free on the android Play/IOS App store). Press any button on the e-stethoscope to turn it on. Connect as shown using the left position on the monitor switch and the middle position on the source switch. Adjust volume as needed and the best frequency for heart v lung sounds can be pre-set and toggled between using the top left button on the stethoscope.
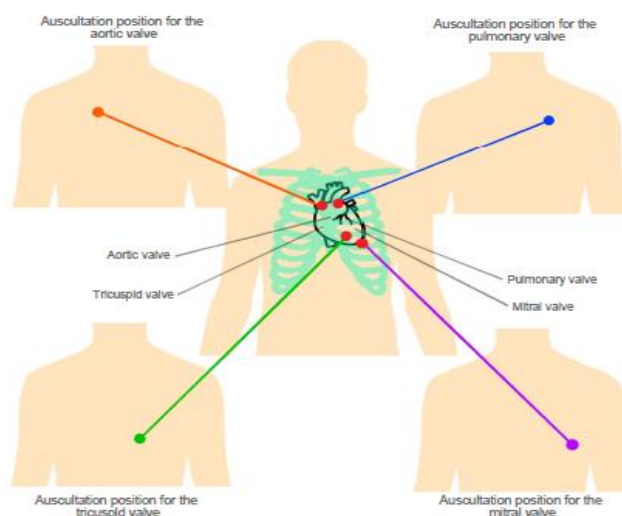
Open the Thinklabs app. Listen to heart or lung sounds using the position guide below. Any headphones can be used. Press record. Label and save each sound. Press share and send to the remote clinician via WhatsApp as it has dual encryption.

Remote clinician can play back the sounds, listening with headphones; does a video call to the staff on WhatsApp and can see and question the patient/staff and potentially make a clinical decision about management of the patient remotely.

Lung listening points

Front   Back

Heart listening points

There is an option on Apple phones to connect live by clicking 'stream' on the app and sending a generated PIN to the remote clinician who can then listen on Apple (or android) in real time; similar functionality is in development for android by going to the Play Store, find Thinklabs App and clicking into 'What's new?' then click 'Thinklabs.Live'.