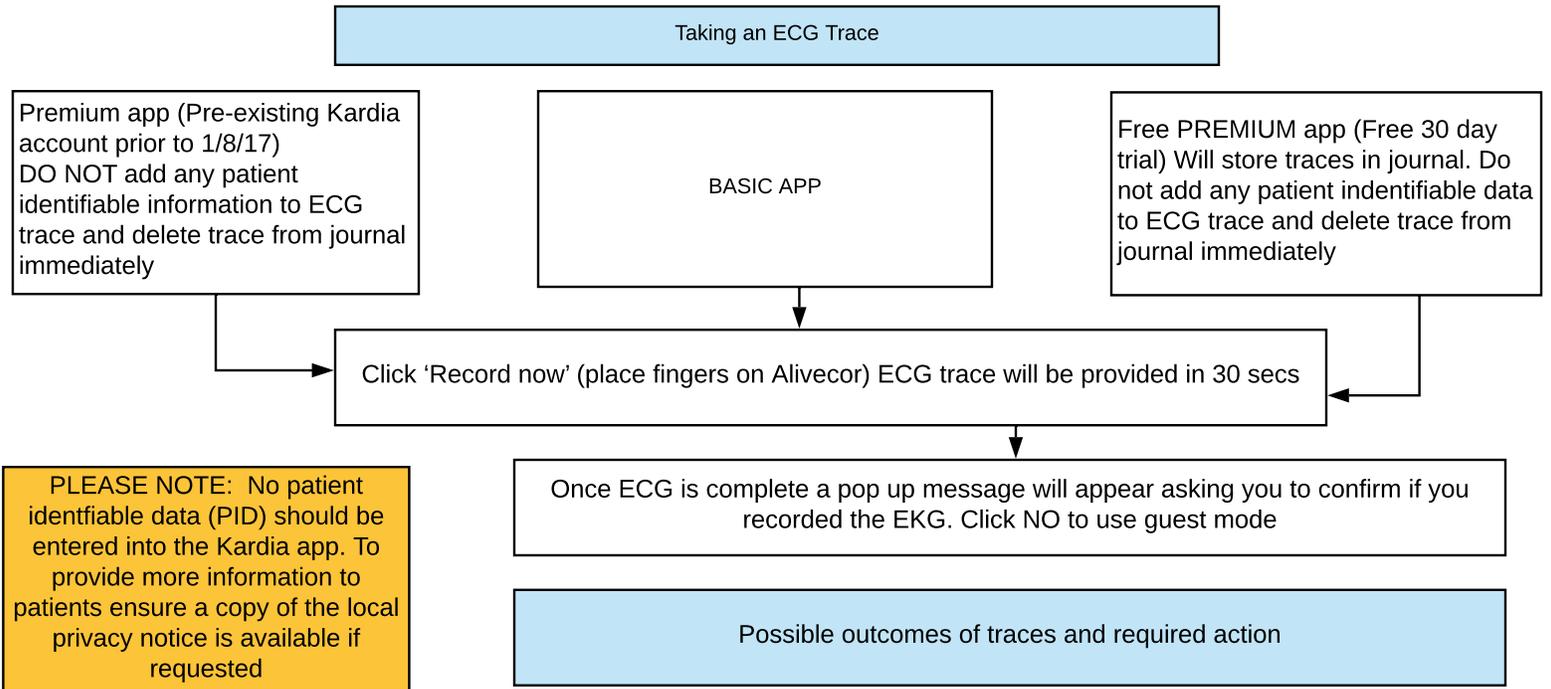# Recommended procedure and information governance for the use of the Kardia AliveCor device and mobile app the NHS on behalf of the AHSN Network mobile device roll out project

Configure mobile phone/tablet device to NHS.net as **default email.** NHS digital guidance on configuring mobile devices with nhs.net can be found here and here

Download Kardia, AliveCor App from app store, create an account using your NHS.net email address. Any personal data you enter will be visible to Alivecor Ltd, If you do not wish to share your personal information a pseudonym will suffice, however the date of birth entered must be for an individual over the age of 18. Read full set up instructions and complete the AHSN online registration form at https://ecgod.co.uk/ahsn

Go into device settings within the app and turn off notifications, reminders and voice recording

PLEASE NOTE: The AHSN Network recommends use of the Kardia BASIC app. The Premium app will be provided for free for the first 30 days (this service will store any traces taken). We advise all traces taken using the free premium app are deleted to prevent any patient data being stored on a personal device. No personal identifiable information (PID) should be added to any traces. IGNORE PROMPTS TO UPGRADE TO PREMIUM.

Taking an ECG Trace

Premium app (Pre-existing Kardia account prior to 1/8/17)
DO NOT add any patient identifiable information to ECG trace and delete trace from journal immediately

BASIC APP

Free PREMIUM app (Free 30 day trial) Will store traces in journal. Do not add any patient indentifiable data to ECG trace and delete trace from journal immediately

Click 'Record now' (place fingers on Alivecor) ECG trace will be provided in 30 secs

PLEASE NOTE: No patient identfiable data (PID) should be entered into the Kardia app. To provide more information to patients ensure a copy of the local privacy notice is available if requested

Once ECG is complete a pop up message will appear asking you to confirm if you recorded the EKG. Click NO to use guest mode

Possible outcomes of traces and required action

Possible AF/AFib
Do not add any PID into 'add note' function of the trace.
To send a trace for referral, click the email EKG icon at the bottom of the trace. Send trace by email from your NHS.net to a recipient NHS.net. Add relevant PID into the body of email.
ONLY nhs.net to nhs.net will ensure the secure transfer of PID. No other email provider should be used for this purpose. Email immediately so not to lose trace when device is next used.

Normal/No Abnormality Detected
No referral required, patient notes should be updated accordingly.s

Unclassified / Unreadable
Repeat trace once. Ensuring the following:
1.Limit background noise.
2.Apply gentle pressure to AliveCor, do not squeeze.
3.If heart rate (HR) is >100 or <50, traces will be unclassified so allow time for HR to stabilise.
4.Use an alcohol spray/wipe on the device and ensure there is sufficient moisture on fingers.
If 2nd trace is unclassified or unreadable send for referral (if required) via email NHS.net to NHS.net

Log out of the Kardia app at the end of each session to ensure that the last trace taken is not stored on the mobile phone/tablet