AliveCor Devices

Detect: Use the AliveCor device and Kardia app as often as possible with all patients with NO previous diagnosis of AF

Calculate Stroke Risk

CHA2DSDS2VASc Risk	Score
Congestive Heart Failure	1
Hypertension	1
Age>75	2
Diabetes	1
Previous stroke or TIA	2
Vascular Disease	1
Age 65-74	1
Female	1

PLEASE NOTE:

Patients must provide informed consent to use the device and this should be documented clearly in the patient's records.

Clean the device with alcohol spray / wipe between every patient.

PLEASE NOTE:

You will be automatically signed up for a free 30 day trial of the Premium app. Remember to delete traces from the app history during this 30 day period.
The Basic app does not store traces and will clear traces every time you exit the app.
After 30 days, only use Kardia BASIC APP.
IGNORE ALL PROMPTS TO UPGRADE TO PREMIUM.

PLEASE NOTE:

No patient identifiable information (PID) should be entered into the ECG trace in the Kardia app. Ensure a Privacy notice and KSS AHSN Alliance for AF patient leaflet is available for patient information.

TAKE AN ECG TRACE USING KARDIA BASIC APP

Open the Kardia app on phone or tablet. Place the device near the microphone on the phone or tablet Click 'Record now' (place two fingers on each pad of the AliveCor) ECG trace result will be provided in 30 seconds

CHA2DS2VASc

≥ 2 Warfarin or DOACs as per NICE Patient Decision Aid (local guidance may inform choice of DOAC). Consider anticoagulation if CHA2DS2VASc ≥ 1 in men. Assess Bleeding Risk using HASBLED score to identify modifiable risk factors. Estimate stroke risk and benefits & risks of antithrombotic therapy using Keele university decision support tool: (www.anticoagulation-dst.co.uk)

Once trace is complete a pop up message will appear to confirm whether the trace was your own EKG.
CLICK NO TO REGISTER THE TRACE AS A GUEST EKG.

Document in notes that no AF detected

Normal

If Possible AF

Result Unclassified / Unreadable

Repeat Trace

Result showing normal ECG

1. Inform the patient that the result was normal, and teach them how to check a manual pulse.
2. No referral required.
3. Send trace for filing in patients notes. Click the Email EKG icon at the bottom of the trace. Send trace by email from your NHS.net to a recipient NHS.net. (eg: your own NHS.net email and / or GP Practice generic email address) Add relevant PID into the body of the email (eg: name & dob).
3. The results will then be scanned into the patients notes using the appropriate read code

Result showing possible atrial fibrillation

1. Inform the patient that the result showed they need further investigation with a 12 lead ECG.
2. Send trace for Data Quality Control, click the Email EKG icon at bottom of the trace. Send trace from your NHS.net email to **kssahsn.afalivecortraces@nhs.net**. Do not add any patient identifiable information (PID) to this email. Press send email and once sent the screen will return to the ECG screen in the app.
3. Now send trace for local Clinical Referral, click the Email EKG icon again at the bottom of the trace. Send trace by email from your NHS.

net to a recipient NHS.net. (eg: GP Practice generic email address) CC your own NHS.net email. Add relevant PID into the body of the email (eg: name & dob).
4. The results will then be scanned into the patients notes at the GP Practice using the appropriate read code
5. Conduct or refer patient to GP practice or other for a timely 12 lead ECG (as per your agreed local implementation plan)
6. Follow 12 Lead ECG and Initiation of KSS AF Primary Care Treatment pathway for next management.

Result showing 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

*Remember to Log out of the Kardia app at the end of each session to ensure that the last trace taken is not stored locally and delete ECG trace emails from the sent folder on the phone / tablet.