

▶ Smartphone Palpitation Service

Name _____
 CHI _____
 DoB _____
 Address _____

 (or sticker)

Inclusion criteria:

	Y	N
1) Presented to ED/AMU with palpitations	☐	☐
2) ECG normal	☐	☐
3) Has compatible apple/android phone, tablet or watch (see p3)	☐	☐
4) Aged 16 years or older	☐	☐
5) Underlying cardiac arrhythmia most likely diagnosis	☐	☐

Exclusion criteria:

	Y	N
1) Non-ambulant	☐	☐
2) Patient requires hospital admission	☐	☐
3) Prior diagnostic ECG	☐	☐
4) Multiple frequent episodes	☐	☐
5) Recent MI/severe heart failure/unstable angina	☐	☐
6) Patient unwilling/unable to use AliveCor Heart Monitor & ECG App	☐	☐
7) Cardiac pacemaker/ other implanted electronic device	☐	☐
8) Likely non-cardiac cause for palpitations (e.g. anxiety, sepsis)	☐	☐
9) Associated chest pain or syncope	☐	☐

Procedure to arrange Ambulatory care clinic appointment:

✓ as complete

1. Check phone/tablet/watch compatibility (see p3 for compatible devices) ☐
2. Book patient into Ambulatory care clinic.
 - a. Take copy of typed TRAK notes and this page to ED/AMU reception desk ☐
 - b. arrange time and date for appointment **ON A MONDAY TO FRIDAY ONLY**
3. Ask patient to bring their smartphone/ tablet/ watch to Ambulatory appointment ☐
4. Ask patient to download the Kardia app prior to coming to clinic but not to set up the app (this will be done in clinic) ☐
5. Ask patient to bring their app store password to Ambulatory appointment ☐
6. Print out Page 2 and give patient advice leaflet to patient ☐
7. Ensure Thyroid/FBC, U&Es and Mg taken in ED/AMU ☐

NHS Lothian

NEW ROYAL INFIRMARY OF EDINBURGH

Ambulatory care patient information for patients with palpitations

You are being investigated for the cause of your illness. We are specifically looking for the cause of your palpitations.

The medical team looking after you have decided that you are well enough to go home while we wait for your diagnostic test to be arranged.

You will return to the Ambulatory Care on ____ / ____ / ____ at ____ : ____ hours

When you return to the Ambulatory Care clinic you will be assessed by the team there.

If it is thought that you might be suitable for the Smartphone Palpitation Service, unless you have a compatible watch, you may be given an AliveCor/Kardia Heart Monitor that can be linked to an ECG App.

If you are able to, we would suggest that you should **download the Kardia app** onto your phone or tablet before coming to clinic.

This is done by:

- 1) Ensure you know your APP store/Google Play username and password
- 2) Search the App Store for 'Kardia' and download the App to your phone. It requires iOS 10.0 or later if using an Apple device.
- 3) **DO NOT open the Kardia App on your smartphone/set up the app or create an account (this will be done in clinic)**

You should not enter any identifiable details into the Kardia app. You will have the device for up to 1 month after which time you will return to the clinic and our medical team will review the ECG tracings that you have recorded along with your symptom diary. If you have not recorded an ECG that diagnoses the cause of your palpitations you may be asked to keep the device for a further period.

You should return to the Emergency Department if you develop a further episode of palpitation that makes you feel unwell or that is associated with chest pain, collapse or blackout.

If you have a further palpitation but do not have associated chest pain, collapse or blackout there is no need to return to the Emergency Department or see your GP before you are seen in the Ambulatory clinic again.

You can telephone for advice if you are unsure:

Emergency Department	0131 242 1300
Acute Medical Unit	0131 242 1424



Smartphone Palpitation Clinic – List of compatible devices

iPhone

- iPhone 16 (iOS 18.1)
- iPhone 16 Plus (iOS 18.1)
- iPhone 16 Pro (iOS 18.1)
- iPhone 16 Pro Max (iOS 18.1)
- iPhone 15 (iOS 18.1)
- iPhone 15 Pro (iOS 18.1)
- iPhone 15 Plus (iOS 18.1)
- iPhone 15 Pro max (iOS 18.1)
- iPhone 14 (iOS 18.1)
- iPhone 14 Plus (iOS 18.1)
- iPhone 14 Pro (iOS 18.1)
- iPhone 14 Pro Max (iOS 18.1)
- iPhone 13 (iOS 18.1)
- iPhone 13 Mini (iOS 18.1)
- iPhone 13 Pro (iOS 18.1)
- iPhone 13 Pro Max (iOS 18.1)
- iPhone 12 (iOS 18.1)
- iPhone 12 Pro (iOS 18.1)
- iPhone 12 Pro Max (iOS 18.1)
- iPhone 12 mini (iOS 18.1)
- iPhone 11 (iOS 18.1)
- iPhone 11 Pro (iOS 18.1)
- iPhone 11 Pro Max (iOS 18.1)
- iPhone XR (iOS 18.1)
- iPhone Xs (iOS 18.1)
- iPhone Xs Max (iOS 18.1)
- iPhone X (iOS 16)
- iPhone 8 (iOS 16)
- iPhone 8 Plus (iOS 16)
- iPhone 7 (iOS 15.6)
- iPhone 7 Plus (iOS 15.6)
- iPhone 6s (iOS 15.6)
- iPhone 6s Plus (iOS 15.6)
- iPhone SE (1st gen) (iOS 15.6)
- iPod Touch (7th gen) (iOS 15.6)

iPad

- iPad (10th gen) (iOS 18.1)
- iPad (9th gen) (iOS 18.1)
- iPad (8th gen) (iOS 18.1)
- iPad 2019 (7th gen) (iOS 18.1)
- iPad Pro 12" (2nd gen) (iOS 18.1)
- iPad Pro 10.5" (2nd gen) (iOS 18.1)
- iPad Pro 12" (iOS 18.1)
- iPad Pro (6th gen) (iOS 18.1)
- iPad Pro 11" (4th gen) (iOS 18.1)
- iPad Pro 9" (iOS 18.1)
- iPad 9.7" (2017) (iOS 18.1)
- iPad Mini 5 (iOS 18.1)
- iPad Mini 4 (iOS 15.6)
- iPad Air (3rd gen) (iOS 15.6)
- iPad Air 2 (iOS 15.6)

Android

- Blackberry Key 2 (Android 8.1)
- BLUE BLU - V50 (Android 10.0.0)
- BLUE BLU-V81 (Android 10.0.0)
- BLUE BLU-V90 (Android 9)
- BLUE BLU-V91 (Android 10.0.0)
- Google Pixel (Android 10.0.0)
- Google Pixel XL (Android 10.0.0)
- Google Pixel 2 (Android 11.0.0)

- Google Pixel 2 XL (Android 11.0.0)
- Google Pixel 3 (Android 12.0.0)
- Google Pixel 3 XL (Android 12.0.0)
- Google Pixel 3a (Android 11.0.0)
- Google Pixel 3a XL (Android 11.0.0)
- Google Pixel 4 (Android 13.0.0)
- Google Pixel 4a (Android 14.0.0)
- Google Pixel 4 XL (Android 14.0.0)
- Google Pixel 5 (Android 14.0.0)
- Google Pixel 5a (Android 14.0.0)
- Google Pixel 6 (Android 15.0.0)
- Google Pixel 6 Pro (Android 15.0.0)
- Google Pixel 6a (Android 15.0.0)
- Google Pixel 7 (Android 15.0.0)
- Google Pixel 7a (Android 15.0.0)
- Google Pixel 7 Pro (Android 15.0.0)
- Google Pixel 8 (Android 15.0.0)
- Google Pixel 8 Pro (Android 15.0.0)
- Google Pixel 9 (Android 15.0.0)
- Google Pixel 9 Pro (Android 15.0.0)
- Google Pixel 9 Pro XL (Android 15.0.0)
- Google Pixel 9 Pro Fold (Android 15.0.0)
- Google Pixel Fold (Android 15.0.0)
- Huawei Honor 7c Black* (Android 8)
- Huawei Honor 7s Blue* (Android 8.1)
- Huawei Honor 8x (Android 8.1)
- Huawei Honor 10 Lite (Android 10.0.0)
- Huawei Honor Play* (Android 8.1)
- Huawei Honor View 20 (Android 10.0.0)
- HTC U12+ (Android 8)
- Huawei Mate 10 (Android 8)
- Huawei Mate 20 (Android 10.0.0)
- Huawei Mate 20 Pro (Android 9)
- Huawei P20 Pro (Android 10.0.0)
- Huawei P30 (Android 10.0.0)
- Huawei P30 Pro (Android 10.0.0)
- Huawei Y9 Prime (Android 10.0.0)
- Lenovo Tab M8 (Android 10.0)
- Lenovo Tab K10 (Android 11.0)
- LG K31 Rebel (Android 10.0.0)
- LG K40 (Android 8.1)
- LG K51 (Android 9)
- LG G7 ThinkQ (Android 8)
- LG Phoenix 4 (Android 8.1)
- LG Premiere Pro Plus (Android 9)
- LG Q7 (Android 8.1)
- LG Q 70 (Android 10.0.0)
- LG Stylo 5 (Android (9.0.0)
- LG Stylo 6 (Android (10.0.0)
- LG V40 ThinQ (Android 8.1)
- LG V40+ ThinW (Android 8.1)
- LG V60 ThinQ 5G (Android 13)
- Lively Smart (Android 10)
- Mi A2*(Android 8.1)
- Motorola Moto Edge 20 LITE (Android 11.0.0)
- Motorola Moto G Power (2021) (Android 10)
- Motorola Moto G Play (Android 11.0.0)
- Motorola Moto G5 Plus (Android 8.1.0)
- Motorola Moto G7 (Android 9)
- Motorola Moto G7 power (Android 10.0.0)
- Motorola Moto G8 Plus (Android 9)
- Motorola Moto G9 Play (Android 10.0)
- Motorola Moto G9 Plus (Android 10.0.0)

Smartphone Palpitation Clinic – Patient advice leaflet

- Motorola Moto G24 Power (Android 14.0.0)
- Motorola G32 (Android 12)
- Motorola One (Android 8.1.0)
- Motorola Onepower (RF) (Android 8.1.0)
- Motorola Moto One 5G ACE (Android 10.0.0)
- Motorola Razr (Android 11.0.0)
- Nokia 5.4 (Android 9)
- Nokia 8 (Android 9)
- Nokia G10 (Android 11.0.0)
- OnePlus 6* (Android 9)
- OnePlus 6A1 (Android 11.0.0)
- OnePlus 6T (Android 11.0.0)
- OnePlus 7 (Android 9)
- OnePlus 9 5G (Android 11.0.0)
- OnePlus Nord N10 5G (Android 10)
- OnePlus Nord N200 (Android 11.0.0)
- OPPO A52 (Android 11.0.0)
- (Android 8.1)
- OPPO Reno Z (Android 10)
- OPPO Reno 2 Z (Android 11.0.0)
- Poco F1 (Android 9)
- Realme 1 (Android 8.1)
- Realme U1 (Android 8.1)
- Realme 6 Pro (Android 10)
- Redmi Note 8 (Android 10)
- Redmi Note 8 Pro (Android 11.0.0)
- Redmi Note 9 (Android 11.0.0)
- Redmi Note 9 Pro (Android 10)
- Redmi Y2 (Android 8.1)
- Samsung Galaxy A10 (Android 11.0.0)
- Samsung Galaxy A10e (Android 11.0.0)
- Samsung Galaxy A10S (Android 10.0.0)
- Samsung Galaxy A11 (Android 11.0.0)
- Samsung Galaxy A12 (Android 11.0.0)
- Samsung Galaxy A13 (Android 12.0.0)
- Samsung Galaxy A13 5G (Android 12.0.0)
- Samsung Galaxy A15 (Android 14.0.0)
- Samsung Galaxy A20e (Android 11.0.0)
- Samsung Galaxy A20 (Android 11.0.0)
- Samsung Galaxy A21S (Android 11.0.0)
- Samsung Galaxy A30 (Android 9)
- Samsung Galaxy A30s (Android 11.0.0)
- Samsung Galaxy A31 (Android 11.0.0)
- Samsung Galaxy A32 (Android 11.0.0)
- Samsung Galaxy A33 5G (Android 13.0.0)
- Samsung Galaxy A50 (Android 11.0.0)
- Samsung Galaxy A51 (Android 11.0.0)
- Samsung Galaxy A70 (Android 9)
- Samsung Galaxy A71 (Android 11.0.0)
- Samsung Galaxy M30 (Android 8.1)
- Samsung Galaxy Note 8 (Android 8.0.0)
- Samsung Galaxy Note 9 (Android 8.1)
- Samsung Galaxy Note 10 (Android 10.0.0)
- Samsung Galaxy Note 10+ (Android 10.0.0)
- Samsung Galaxy Note 20 5G (Android 11.0.0)
- Samsung Galaxy Note 20 Ultra 5G (Android 11.0.0)
- Samsung Galaxy S7 (Android 8.0.0)
- Samsung Galaxy S8+ (Android 8.0.0)
- Samsung Galaxy S8 Active (Android 8.0.0)
- Samsung Galaxy S9 (Android 8.0.0)
- Samsung Galaxy S9+ (Android 9.0.0)
- Samsung Galaxy S10 (Android 9.0.0)
- Samsung Galaxy S10+ (Android 9.0.0)
- Samsung Galaxy S10e (Android 9.0.0)
- Samsung Galaxy S20 (Android 12.0.0)
- Samsung Galaxy S20 5G (Android 12.0.0)
- Samsung Galaxy S20 FE 5G (Android 12.0.0)
- Samsung Galaxy S20+ 5G (Android 12.0.0)
- Samsung Galaxy S20 Ultra (Android 12.0.0)
- Samsung Galaxy S20 Ultra 5G (Android 12.0.0)
- Samsung Galaxy S21 (Android 12.0.0)
- Samsung Galaxy S21 5G (Android 12.0.0)
- Samsung Galaxy S21+ 5G (Android 12.0.0)
- Samsung Galaxy S21 Ultra (Android 12.0.0)
- Samsung Galaxy S22 (Android 13.0.0)
- Samsung Galaxy S22+ 5G (Android 13.0.0)
- Samsung Galaxy S22 Ultra (Android 13)
- Samsung Galaxy S23 (Android 13)
- Samsung Galaxy S23+ (Android 13)
- Samsung Galaxy S23 Ultra (Android 13)
- Samsung Galaxy S24 (Android 14)
- Samsung Galaxy S24+ (Android 14)
- Samsung Galaxy S24 Ultra (Android 14)
- Samsung Galaxy Tab Active4 Pro 5G (And 12)
- Samsung Galaxy Tab ActivePro 10.1 (And 11)
- Samsung Galaxy Tab A 8.0 2017 (And 8.1.0)
- Samsung Galaxy Tab A7 Lite (Android 11.0)
- Samsung Galaxy Tab A7 LTE (Android 11.0)
- Samsung Galaxy Tab A7 non-LTE (And 11.0)
- Samsung Galaxy Tab A8 (Android 12.0.0)
- Samsung Galaxy Tab A9+ (Android 14)
- Samsung Galaxy Tab S6 (Android 12.0.0)
- Samsung Galaxy Z Flip 3 5G (Android 11.0.0)
- Samsung Galaxy Z Fold 2 5G (Android 11.0.0)
- Samsung Galaxy Z Fold 3 5GUSA (Android 14)
- Samsung Galaxy Z Fold 4 (Android 14.0.0)
- Samsung Galaxy Z Fold 5 (Android 14.0.0)
- TCL 10 Pro (Android 11.0.0)
- UMIDIGI A9 (Android 11.0.0)
- Xperia XZ1 Compact (Android 8)
- Vivo Y83 Pro (Android 8.1)

(Correct as of 7th February 2025)

List also available at:

<https://alivecor.zendesk.com/hc/en-us/articles/1500000449521-Compatibility>

