

ALIVECOR®

Λ KARDIA™ 12L

Kardia 12L

Hospital-Grade Accuracy

The Easiest Way to Acquire a 12-Lead ECG



For professional use only

Traditional 12-Lead ECGs



Geographically Tethered:
Confined to heavy, rolling carts that take up valuable clinic space and cannot be easily transported to remote or at-home point-of-care settings.

A Tangled Web of Wires:
Requires ten individual wired electrodes that restrict patient movement and complicate the setup process.

High Barrier to Use:
Demands a highly trained clinical team to prep the patient, precisely place the leads, and troubleshoot signal artifacts.

Forcing Patients into Awkward Situations:
Patient discomfort with full disrobing.

Workflow Bottleneck:
The complexity of use turns a simple diagnostic test into a scheduling and logistical hurdle.

Kardia 12L

Hospital-Grade Accuracy
Confidence Without Compromise

✔ Easy ✔ Efficient ✔ Accurate



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Next-Generation 12 Lead ECG

The Easiest Way to Acquire an Accurate 12-Lead ECG

Clinical confidence shouldn't be tethered to a hospital wall.

Validated Excellence:⁽¹⁾

AI-trained on 1M, validated on 750K ECGs from top-tier global medical centers. Kardia 12L data is highly correlated with the 12-lead ECG, enabling rapid acquisition of complete ECG information.

High Correlation:^(2,3)

The reduced lead set [I, II, V2, V4] performed comparably to the full 12-lead ECG in detecting major morphology-related abnormalities.⁽⁴⁾

4 Leads recorded




4 Leads calculated

4 Leads synthesised (Not used in AI determination of rhythm or morphology)

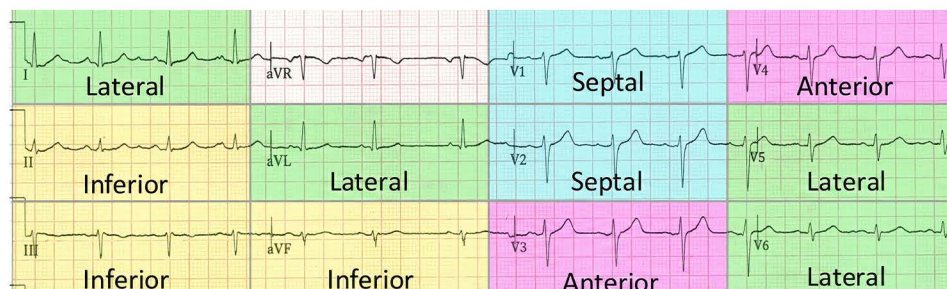
Comprehensive:⁽⁴⁾

Kardia 12L's measured leads cover all major lead groups by heart anatomy.

Traditional 12-lead ECGs have built in redundancies.

	Recorded Leads	Derived Leads	Synthesised Leads
 Default Lead Set	I II V2 V4	III aVR aVL aVF	V1 V3 V5 V6
 Alternate Lead Set	I II V1 V4	III aVR aVL aVF	V2 V3 V5 V6
 Traditional 12-lead	I V3 II V4 V1 V5 V4 V6	III aVR aVL aVF	N/A

A traditional 12-lead ECG is designed with redundancy, to cover all vascular territories by multiple leads.

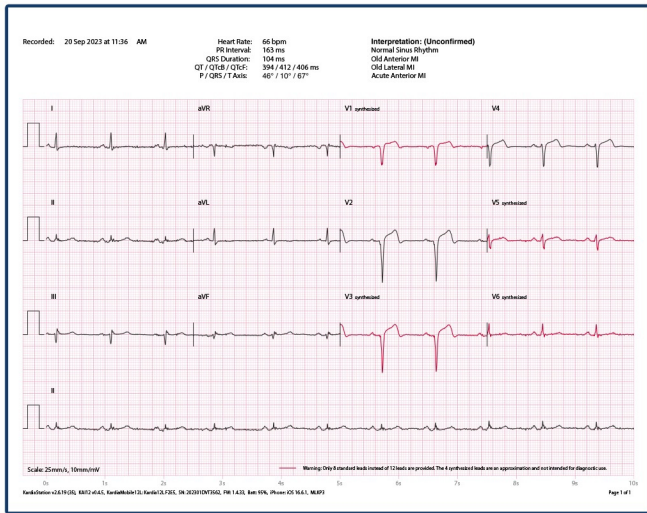


Confidence Without Compromise

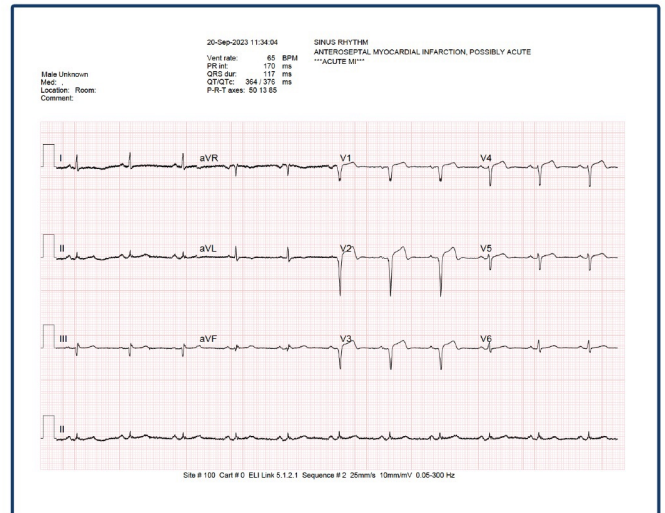
Report Comparison of the Same Patient

Synthesised leads highly correlated with recorded leads.

Acute Anterior MI

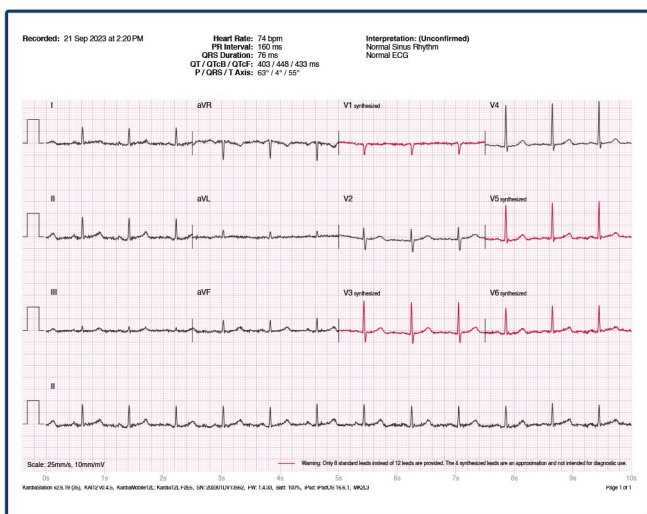


Kardia 12L report



Report from traditional 12-lead (Mortara ELI Link)

Normal Sinus Rhythm



Kardia 12L report



Report from traditional 12-lead (Mortara ELI Link)



Optimise Patient Experience

Kardia 12L Saves 30% per ECG

Acquisition time compared to traditional 12-lead systems.



Streamlining your Workflow:

Eliminate the backlog and spend more time with your patient.



Patient Discretion:

No need to fully disrobe, maintaining dignity and reducing anxiety.



Simplified Design:

Patented single patient lead wire with 5 snap connectors for electrode replaces the "spaghetti" of 10-12 leads.



Reduced Friction:

Minimal training means any staff member can get a clean reading the first time.



Kardia 12L

Make the Right Call,
Wherever Care Happens

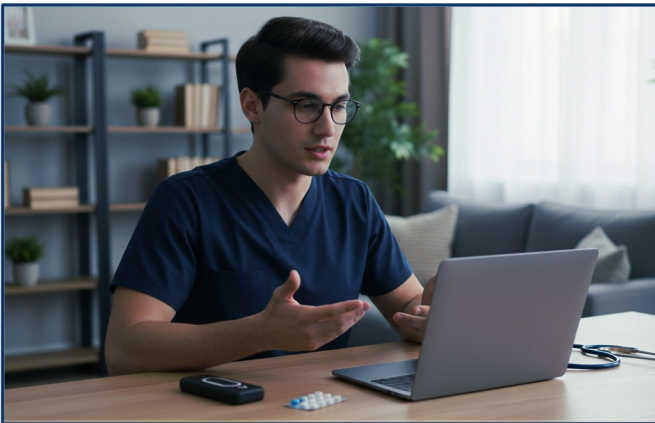


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Unmatched Portability

Breaking the Walls of the Clinic

The Kardia 12L moves with you, not the other way around.



-  **Featherlight:**
Only 135g (less than a canned drink) it fits easily in your pocket.
-  **Cordless Freedom:**
100% battery operated with long-life reliability.
-  **New Revenue Stream:**
Unlock profitable home ECG services.

-  **True Portability:**
Full 12-lead capability in primary care, pharmacy, or home settings.
-  **True Home Care:**
Avoid unnecessary hospital referral.
-  **KardiaPro Centralised Workflow:**
Instantly transfer and manage all home-visit ECGs through one secure, web-based portal.

Kardia 12L

Next-Generation
12 Lead ECG

✓ Easy ✓ Efficient ✓ Accurate



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Technical Specifications and Connectivity

One Integrated Ecosystem

Total cardiac clarity. From the clinic to the home, Kardia connects every beat to your practice.

1. RECORD

Kardia 12L ECG



A mobile 12-Lead ECG that uses hospital-grade technology and sophisticated AI to accurately identify arrhythmias, measurements, and morphologies.

FDA cleared and CE Marked

Care shouldn't stop when the patient leaves your office. By integrating the 12L for immediate diagnostics and the 6L for remote monitoring via the KardiaPro portal, you eliminate data silos, reduce hospital readmissions, and provide a seamless, modern experience that patients trust.

2. MONITOR

KardiaMobile 6L



A mobile 6-Lead ECG that is ideal for remote use, enables convenient at home monitoring for patients experiencing intermittent cardiac symptoms.

FDA cleared and CE Marked

3. VIEW

KardiaStation app

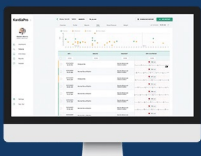


A smart device application that records patient heart data using KardiaMobile 6L or Kardia 12L and syncs to your practice's KardiaPro Portal.

FDA cleared and CE Marked

4. MANAGE

KardiaPro Portal



A web-based physician portal to securely manage and review patient ECG data captured with Kardia devices.

5. ACT

Tailor patient management based on accurate determination.

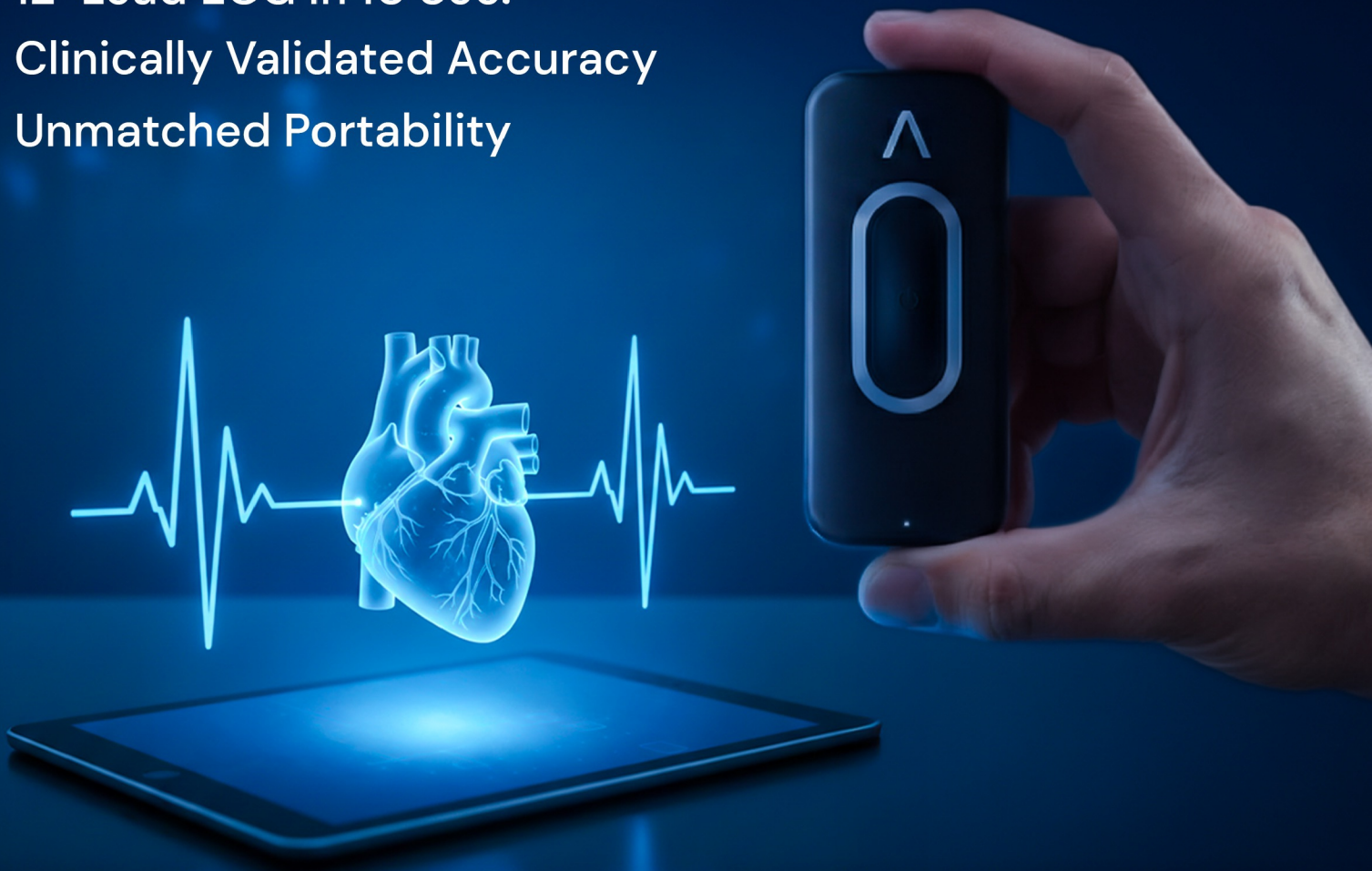
Security

HIPAA and GDPR-compliant and holds SOC 2 Type 2 and ISO 27001 certifications.

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Make the Right Call,
Wherever Care Happens

12-Lead ECG in 10 Sec.
Clinically Validated Accuracy
Unmatched Portability



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Voices From the Field

Dr. Alejandro Barbagelata

Adjunct Professor of Med/Cardiology
Duke University; Universidad
Católica Argentina. Vice President,
Duke University Cooperative
Cardiovascular Society

The Kardia 12L is a pocket-sized breakthrough that replaces the bulky ECG cart with a hand-held, high-quality system for rapid STEMI detection, providing a 12-lead equivalent tracing that transforms on-the-go triage. This shift to continuous, live-monitoring ensures we can initiate life-saving heart attack treatments without a moment's delay.

Dr. Regina Druz

CEO and Founder, Holistic
Heart Centers of America

The Kardia 12L is a fully portable solution, unlike standard ECG machines, which can be bulky and heavy... It fits into our workflow without disruption.

Dr. Darren Cuthbert

Emergency Physician
Co-Founder of Emergency
Project

Kardia 12L gives us hospital-grade cardiac insights in under two minutes, versus 10–15. In remote settings, where our team may see hundreds of patients a day, that speed isn't just convenient—it's lifesaving.

Dr. Michael McDermott

Doctor at NHS Scotland

Kardia 12L is a game-changer with its simple design, allowing us to get a 12L ECG with instant AI-powered interpretation in seconds, providing critical insights like heart attack or Afib that can be managed in real-time.

Elevate Your Standard of Care

Accuracy + Portability + Experience = The Kardia 12L

Schedule a 10–Minute Demo

Kardia 12L device and accessories.

- **Kardia 12L system:** Includes ECG hardware and accessories, software, and app.
- **100 electrodes:** Use your preferred electrode brand or get started with the ones included in your kit.
- **10 snap to tab adapter:** Flexibility to use off-the-shelf snap or tab electrodes.
- **2 AAA alkaline batteries:** Plus a mini screwdriver for easy battery replacement.

Software and support.

- **KardiaStation™ app:** Connects to the Kardia 12L ECG module via Bluetooth, available for both iOS and Android. See compatibility: [alivecor.com/compatibility/pro](https://www.alivecor.com/compatibility/pro)
- **Unlimited data storage in app:** Always ready for your next patient.
- **Customer support:** Specialised US-based support for troubleshooting or training, 7 days a week.

Services included for 3 years with initial purchase.

- Continue enjoying all these great services with an annual fee after the initial 3-year period.
- **Access to HITRUST-certified and HIPAA-compliant KardiaPro® web portal:** and review patient ECGs, and efficiently handle your clinical workflow.
- **Access to the latest AI algorithm:** Continuous access to always-improving AI and algorithms.
- **Unlimited cloud-based data backup:** Ensure your data is secure and accessible when you need it.
- **Extended warranty:** Comprehensive protection for your device.
- **Device replacement:** Enjoy peace of mind with our device replacement policy.

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Wherever Care Happens



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References:

1. AliveCor internal data on file.
2. Gaddam M, Peigh G, Banani S, Passman RS "Efficiency of an artificial intelligence-aided portable 12-lead Electrocardiogram Acquisition System." Published in Heart Rhythm O2, 2025;6(8):1232-1233. doi:10.1016/j.hroo.2025.05.025.
3. MP-470548-001: Diagnostic Accuracy of a Mobile, Artificial Intelligence-Guided, 12-Lead ECG Device, Whyte, Seabrook et al. Heart Rhythm, Volume 21, Issue 5, S82 - S83.
4. Xue, J., Dwivedi, T., Barnett, K., Vlasenko, A., Kirsch, M., Parekh, A., Yuan, R., Clifford, G. and Albert, D., 2024. Does a reduced ecg lead set contain the full 12-lead ecg information for interpretation. In 2024 Computing in Cardiology Conference (CinC) (Vol. 51).