



User Guide

This user guide highlights the key features of KardiaPro® when used with the Kardia™ 12L mobile ECG device.



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KARDIA 12L PRODUCT ECOSYSTEM



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



VIEW KardiaStation App

A smart device application that records patient heart data using Kardia mobile devices and syncs to your practice's KardiaPro Portal.



MANAGE KardiaPro Portal

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

✓ HIPAA-compliant and
SOC-2 certified

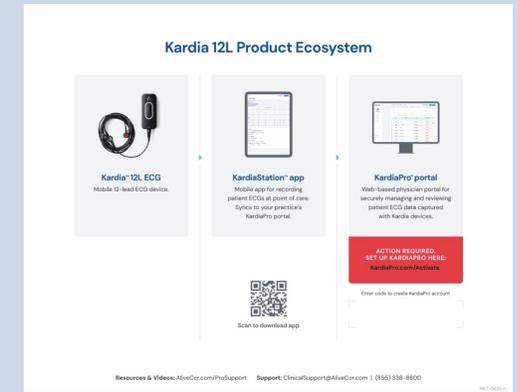
OVERVIEW OF THE KARDIAPRO® WORKFLOW WITH KARDIA™ 12L

1. After a Kardia 12L device is ordered, an activation code is provided in the shipping box sent to the purchaser (*see example to the right*).
2. Using the activation code, the Account Administrator sets up the KardiaPro account for their practice (www.KardiaPro.com/Activate) and adds users (*see page 18 for user roles*).
3. Users added by the Account Administrator receive an email to set up their KardiaPro credentials.
4. Users download the KardiaStation app on a compatible smart device*. With their KardiaPro portal credentials, they can log into the KardiaStation app to record ECGs.
5. Patients can be added to the practice in the KardiaPro portal, or during the recording via the KardiaStation app.
6. All patient recordings are automatically transmitted to the KardiaPro portal.
7. ECG recordings can be reviewed, annotated, and signed by the physician in the KardiaPro portal.

NEED ADDITIONAL SUPPORT?

Contact your AliveCor account representative or Customer Care at ClinicalSupport@alivecor.com.

*See list of compatible smart devices at alivecor.com/compatibility/pro



Activation code is found on the insert located in the shipping box.



Users should download the KardiaStation app and log in with their KardiaPro credentials.

Signing in

Enter www.kardiapro.com into your web browser.

1. Enter email address as your username.
2. Enter the password you created when you set up your account.
3. Click the **SIGN IN** button.
4. If you forgot your password, reset it via the **Forgot Password** link.

KardiaPro

S I G N I N

Email

Password

 US Region | ▾

[Forgot password?](#)

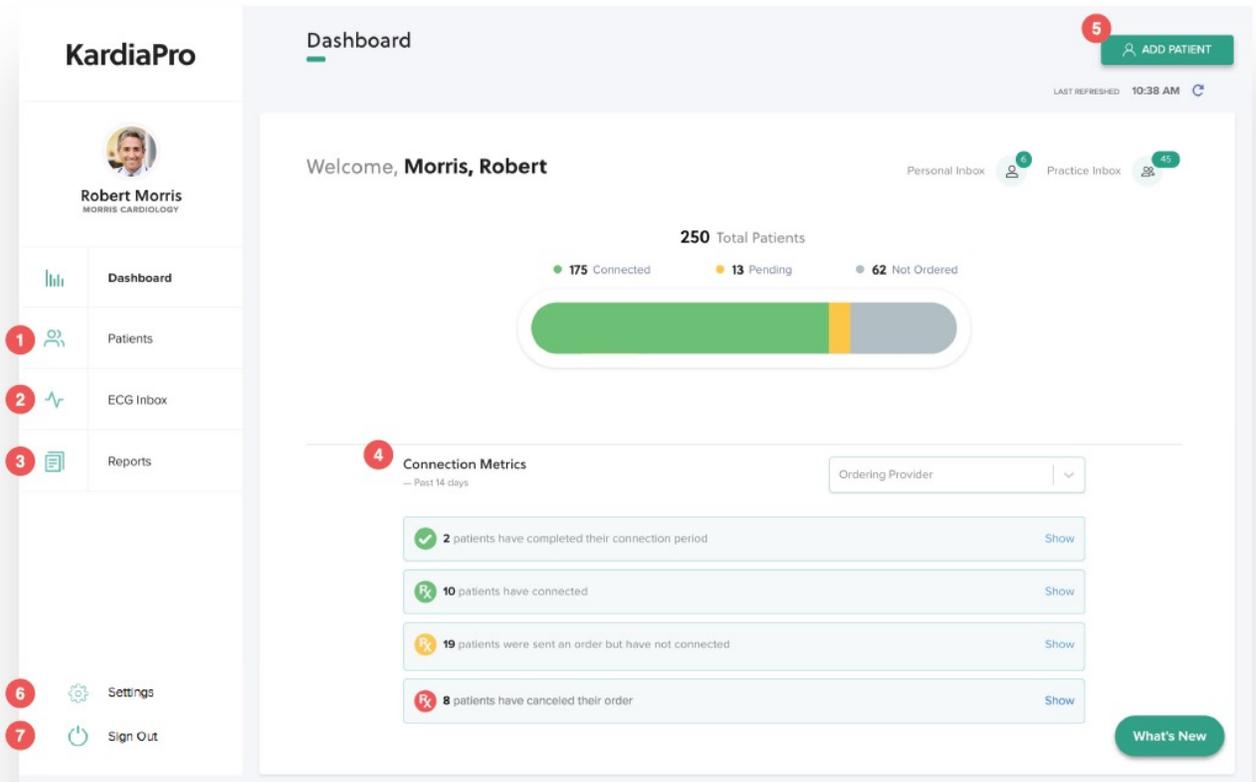
 SIGN IN

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The KardiaPro Dashboard

This is your personal homepage. From here, you can access all the areas of KardiaPro, as well as new connection updates.

- 1. Patients tab:** Access the patient directory or add a patient. Once in a patient's file, select each tab to see patient information, including longitudinal biometric data.
- 2. ECG Inbox tab:** Access both your Personal Inbox or the Practice Inbox. Find ECGs that have been flagged for review based on the inbox settings you select for each patient.
- 3. Reports tab:** This section is only applicable when using KardiaPro with other Kardia devices (not with Kardia 12L).
- 4. Connection Metrics:** This section is not relevant to Kardia 12L.
- 5. Add Patient:** Add a new patient to KardiaPro.
- 6. Settings:** Update your password here. Account Administrators have access to add and delete team members and set email notification frequency.
- 7. Sign Out:** If you forget to sign out, the system will automatically sign you out after 20 minutes of inactivity.



Adding a new patient to KardiaPro

Adding a patient in KardiaPro is simple.

Note: Patients also can be added in the KardiaStation app directly.

1. In the **Patients** tab, select the **Add Patient** button on the top right of the screen.
2. Enter patient information. The only mandatory fields are **Patient Medical Record Number** and **Email**.
3. You may also enter **Notes** about the patient here.
TIP: Some practices use this field to record dates of interventions (e.g. date of ablation) or for medication information (e.g. oral anticoagulation medication status, date of new blood pressure medication dose)
4. Select **Save**.

KardiaPro

Add Patient

1 ADD PATIENT

LAST REFRESHED 02:18 PM

2 Patient Information

FIRST NAME LAST NAME

PATIENT MRN EMAIL SEX

name@example.com Select a sex

Required Required

DATE OF BIRTH ORDERING PROVIDER PHONE NUMBER

MM-DD-YYYY Unassigned XXX XXX-XXXX

3 NOTES

4 SAVE

Adding a new patient to KardiaPro (Cont.)

CONNECTION PLAN

1. Connection plans do not apply to Kardia 12L recordings. If you see this screen, click on the **Patients** tab to go back to the patient list.

The screenshot displays the KardiaPro interface for a patient named Grace Chen (MRN 000). The interface includes a top navigation bar with tabs for Order, Profile, KardiaRx ECG, Reports, ECG, Blood Pressure, Weight, and a 'DOWNLOAD REPORT' button. A left sidebar shows a user profile for Robert Morris and navigation options: Dashboard, Patients, ECG Inbox, Reports, Settings, and Sign Out. The main content area is titled 'Connection Plan' and contains a form for selecting a connection plan. A large green '1' indicates this is the first step. The form includes a dropdown menu for 'Select a Connection Plan' (marked as 'Required'), a text input field containing 'grace@test.com', and a 'DOWNLOAD REPORT' button. Below this, the 'Reports & Billing' section is titled 'DESIGNATE BILLING CODES TO GENERATE REPORTS' and contains a form with three input fields: 'Select ICD-10 Code', 'Select Billing Code', and 'Enter EHR Order Number'. A large green '2' indicates this is the second step. At the bottom, the 'Team Inbox Settings' section is titled 'FLAG PATIENT RECORDINGS FOR REVIEW' and contains a form with a single input field.

Reviewing ECGs

1. Select the **ECG Inbox** tab to view ECGs flagged for review.
 TIP: Account Administrators can set daily or weekly email notifications for ECGs awaiting review in the Practice Inbox or your Personal Inbox.
2. Select **Practice Inbox**. The green circle with the numeric value designates the number of ECGs awaiting review in the Practice Inbox.
3. **Archived**: ECGs that are removed from the inbox can be found here. They are still available in the patient's record
4. Select any **ECG preview** to open a standard Kardia 12L 3x4 report.

KardiaPro

ECG Inbox

Personal Inbox 6 **2** Practice Inbox 45 Archived 3

ADD PATIENT

LAST REFRESHED 03:46 PM

DATE	PATIENT	ANALYSIS	ORDERING PROVIDER	BPM + ECG PREVIEW 4
05-22-2024 10:48 AM	Jones, Betty 665544	Atrial Fibrillation Kardia 12 Lead Determinat...		70 bpm
05-22-2024 10:36 AM	Dobler, Lloyd 1988	Atrial Flutter Kardia 12 Lead Determinat...		69 bpm
05-15-2024 04:52 PM	Doe, Jane 1959	Atrial Fibrillation, Bigeminy, Inf... Kardia 12 Lead Determinat...	Jones, R	70 bpm
05-15-2024 03:54 PM	Dobler, Lloyd 1988	Atrial Fibrillation, Bigeminy, Inf... Kardia 12 Lead Determinat...		70 bpm
05-13-2024 03:05 PM	Dobler, Lloyd 1988	Unreadable		0 bpm
05-13-2024 02:20 PM	Dobler, Lloyd 1988	Atrial Fibrillation Kardia 12 Lead Determinat...		70 bpm
05-10-2024 11:38 AM	Doe, John 66666	Atrial Fibrillation, Bigeminy, Inf... Kardia 12 Lead Determinat...		70 bpm
05-10-2024 11:35 AM	Jones, Betty 665544	Atrial Flutter Kardia 12 Lead Determinat...		70 bpm

Reviewing ECGs (Cont.)

REVIEWING, INTERPRETING & SIGNING

1. Add interpretations here. You can select more than one. The interpretations selected will appear in the “Added Interpretations” section

NOTE: Only “Provider” user roles can override the AI determination, in which case the automatically generated result will no longer be visible.

TIP: You can easily search for “Premature Ventricular Contractions” by typing “PVC” in the search bar.

2. OPTIONAL: Add any comments or notes.
3. Select **Save** to automatically e-sign and save your interpretations and notes.

The screenshot displays the KardiaPro ECG Recording interface. On the left is a navigation sidebar with options: Dashboard, Patients, ECG Inbox, Reports, Settings, and Sign Out. The main area shows patient details for Betty Jones (MRN: 444555, DOB: -, Sex: Female) and ECG details (Heart Rate: 62 BPM, Recorded: Today at 19:49). A central panel displays 12-lead ECG waveforms (aVR, V1 synthesized, V4, aVL, V2, V5 synthesized, aVF, V3 synthesized, V6 synthesized) with a time scale from 1s to 9s. To the right, a panel shows the AI interpretation: "Possible Atrial Fibrillation — 10-15-2018 at 12:16pm". Below this is an "ADD INTERPRETATION" section with a search bar and a list of options: Atrial Fibrillation (checked), Atrial Flutter, Paced, Junctional, and V Tach. An "ADDED INTERPRETATIONS" section shows "Atrial Fibrillation" selected. At the bottom right, there are "CANCEL" and "SAVE" buttons. A red circle with the number 1 highlights the search bar, a red circle with the number 2 highlights the comments field, and a red circle with the number 3 highlights the SAVE button.

Reviewing ECGs (Cont.)

OPTIONS TO COMPLETE ECG WORKFLOW

1. Select **Remove from Inbox**. Interpretation is saved in patient's file and added to summary report.
OR
2. Select **Reassign** to send rhythm strip to a different Inbox for review.
OR
3. Select **Confirm**. Interpretation is archived, saved in patient's file and added to summary report.

NOTE: By confirming, you will no longer be able to add or modify interpretations to this ECG. Confirmed ECGs will be listed in the **Archived** folder. There is an option to bulk export confirmed ECGs from the archived folder.

OTHER ACTIONS

4. **Download ECG** of an individual ECG to a PDF file in one click.

The screenshot displays the KardiaPro ECG Recording interface. On the left is a navigation sidebar with options: Dashboard, Patients, ECG Inbox (selected), Reports, Settings, and Sign Out. The main area shows patient information for Betty Jones (MRN: 444555, DOB: -, Sex: Female) and ECG details (Heart Rate: 62 BPM, Recorded: Today at 19:49). A 'Download ECG' button is located in the top right. The central part of the screen shows a 12-lead ECG waveform with leads aVR, aVL, aVF, V1 synthesized, V2, V3 synthesized, V4, V5 synthesized, and V6 synthesized. The bottom right of the interface features three buttons: 'REASSIGN' (labeled 2), 'CONFIRM' (labeled 3), and 'Remove from Inbox' (labeled 1). A 'Patient Notes' panel on the right shows an interpretation of 'Atrial Fibrillation' reviewed by Morris, R. at 10:12 am, with an '+ Add Interpretation' button. A 'LAST REFRESHED: 03:46 PM' indicator is also present.

Reviewing a Patient File

The **patient search** is used to search for a specific patient by name or MRN. A patient's file includes longitudinal data, notes and ECG history under the ECG tab.

1. Select **Patients**.
2. To quickly find a specific patient, type some or all of the patient's name or MRN in the search bar and select **Search**. Predictive results will populate the results field as you type.
TIP: To further refine the search, you may filter by ordering provider.
3. Select any row to open patient's file.

KardiaPro

Patient Directory ADD PATIENT LAST REFRESHED: 02:03 PM

PATIENT	DOB	ORDERING PROVIDER	CONNECTION	CONNECTION PLAN	BILLING CODE
Barbara	-19-1958	Yee, S	Not Ordered	1 Year Connection Only	
Smith, Barbara 973646	-16-1963	Morris, R	Connected	KardiaMobile 6L + 1 Year Connection	CPT 99091
Chan, Barbara 522689	-14-1949	Pham, C	Connected	KardiaMobile 6L + BP Cuff + 1 Year Connection	CPT 99091
	-09-1963	Morris, R	Connected	KardiaMobile 6L + 1 Year Connection	CPT 99091
Banks, Andrew 758877	11-01-1952	Chang, D	Pending	KardiaMobile 6L + 1 Year Connection	
Bennett, Dominique 767643	07-01-1962	Yee, S	Pending	KardiaMobile 6L + 1 Year Connection	
Bolt, Tristan 949118	02-10-1960	Morris, R	Connected	KardiaMobile 6L + 1 Year Connection	CPT 99091
Chan, Barbara 522689	05-16-1954	Pham, C	Connected	KardiaMobile 6L + 1 Year Connection	CPT 99091

Reviewing a Patient File (Cont.)

1. To return to the full list of patients, click the "Patients" tab on the left pane OR the green arrow to the left of the patient

KardiaPro

Betty Jones MRN 665544 74 yrs old

DOWNLOAD REPORT ADD PATIENT

Order Profile Reports **ECG** Blood Pressure Weight LAST REFRESHED 04:01 PM

New! The Normal Kardia Determination is now displayed as Normal Sinus Rhythm.

1 Normal Sinus Rhythm 1 Abnormal 0 Other 4 No Analysis

DATE	ANALYSIS	ANALYSIS BY	BPM + ECG PREVIEW
05-23-2024 09:20 AM	Normal Sinus Rhythm		56 bpm
05-23-2024 09:18 AM	Atrial Fibrillation	Kardia 12 Lead Determination	56 bpm
05-22-2024 10:48 AM	SVT	Jones, R Confirmed	70 bpm
05-10-2024 11:35 AM	Atrial Flutter	Kardia 12 Lead Determination	70 bpm
05-10-2024 09:54 AM	Atrial Fibrillation	Kardia 12 Lead Determination	69 bpm

Reviewing a Patient File (Cont.)

1. Sort patients by name, DOB, or ordering provider by simply clicking on the column header.
2. Select any row to open the patient's file.

KardiaPro

Patient Directory ADD PATIENT LAST REFRESHED 02:03 PM

PATIENT	DOB	ORDERING PROVIDER	CONNECTION	CONNECTION PLAN	BILLING CODE
<input type="text" value="FILTER"/>	<input type="text" value="FILTER"/>				
Aarons, Kyle 947835	03-19-1958	Yee, S	Not Ordered	1 Year Connection Only	
Allen, Kendrick 626348	07-16-1963	Morris, R	Connected	KardiaMobile 6L + 1 Year Connection	CPT 99091
Andersen, Leslie 484831	03-14-1949	Pham, C	Connected	KardiaMobile 6L + BP Cuff + 1 Year Connection	CPT 99091
Auyeung, Jason 181251	12-09-1963	Morris, R	Connected	KardiaMobile 6L + 1 Year Connection	CPT 99091
Banks, Andrew 758877	11-01-1952	Chang, D	Pending	KardiaMobile 6L + 1 Year Connection	
Bennett, Dominique 787643	07-01-1962	Yee, S	Pending	KardiaMobile 6L + 1 Year Connection	
Bolt, Tristan 949118	02-10-1960	Morris, R	Connected	KardiaMobile 6L + 1 Year Connection	CPT 99091
Chan, Barbara 522689	05-16-1954	Pham, C	Connected	KardiaMobile 6L + 1 Year Connection	CPT 99091
Chang, Austin 814720	06-01-1943	Yee, S	Connected	1 Year Connection Only	CPT 99091
Chin, Yvonne 529394	03-28-1953	Pham, C	Connected	KardiaMobile 6L + 1 Year Connection	CPT 99091
Cloninger, Robyn 831422	08-11-1940	Yee, S	Connected	KardiaMobile 6L + BP Cuff + 1 Year Connection	CPT 99091

Reviewing a Patient File (Cont.)

1. **Profile** tab of Patient File.
2. **Patient Information:** All fields are modifiable by selecting the pencil icon.
3. Access and modify **Notes** section with key points regarding patient care plan.
4. **Connection History** will show if the Patient has had a KardiaPro connection with other Kardia devices for remote monitoring. Kardia 12L readings do not appear here.

KardiaPro Barbara Smith 70 yrs old MRN 979646 [DOWNLOAD REPORT](#) [ADD PATIENT](#)

Overview **Profile** Reports ECG Blood Pressure Weight LAST REFRESHED 02:29 PM

Patient Information

2 **FIRST NAME** Barbara **LAST NAME** Smith

PATIENT MRN 979646 **EMAIL** barbara@gmail.com **SEX** Female

DATE OF BIRTH 08-29-1948 **ORDERING PROVIDER** Morris, Robert **PHONE NUMBER** 312-555-7767

3 **NOTES**
Initial dx of paroxysmal AF Jan 2018 and had cardioversion. Patient still presenting w/intermittent AF episodes. Started univac for BP control in July 2018.

[SAVE](#)

4 Connection History

START DATE	END DATE	CONNECTION PLAN	ICD10 CODE	BILLING CODE	ORDER NUMBER
09-01-2018	08-31-2019	KardiaMobile 6L + BP Cuff + 1 Year Connection	Paroxysmal AF	CPT 99091	2238756

Reviewing a Patient File (Cont.)

1. ECG tab of Patient File.
2. Use the scroll bar under the ECG graph to quickly scroll through months of ECGs to see visual representation for how frequently the patient is in and out of sinus rhythm. Tap on a dot in the graph to bring the ECG recordings to the top of the list.
3. View all ECGs for this patient.
4. Open any ECG to apply interpretations. See page 9 for further instructions.
5. NOTE: The workflow for reviewing, interpreting, and e-signing flagged ECGs will be completed via the **ECG Inbox**, on the left navigation pane. A copy of all ECG recordings for the patient will be in the patient's file in the **ECG** tab.

KardiaPro

Betty Jones MRN 665544 74 yrs old

Order Profile Reports **1 ECG** Blood Pressure Weight

LAST REFRESHED 04:01 PM

Download Report Add Patient

New! The Normal Kardia Determination is now displayed as Normal Sinus Rhythm.

1 Normal Sinus Rhythm 1 Abnormal 0 Other 4 No Analysis

BPM

June

	DATE	ANALYSIS	ANALYSIS BY	BPM + ECG PREVIEW
<input type="checkbox"/>	FILTER	FILTER	FILTER	FILTER
<input type="checkbox"/>	05-23-2024 09:20 AM	Normal Sinus Rhythm		56 bpm
<input type="checkbox"/>	05-23-2024 09:18 AM	Atrial Fibrillation	Kardia 12 Lead Determination	56 bpm
<input type="checkbox"/>	05-22-2024 10:48 AM	SVT	Jones, R Confirmed	70 bpm
<input type="checkbox"/>	05-10-2024 11:35 AM	Atrial Flutter	Kardia 12 Lead Determination	70 bpm
<input type="checkbox"/>	05-10-2024 09:54 AM	Atrial Fibrillation	Kardia 12 Lead Determination	69 bpm

User Settings

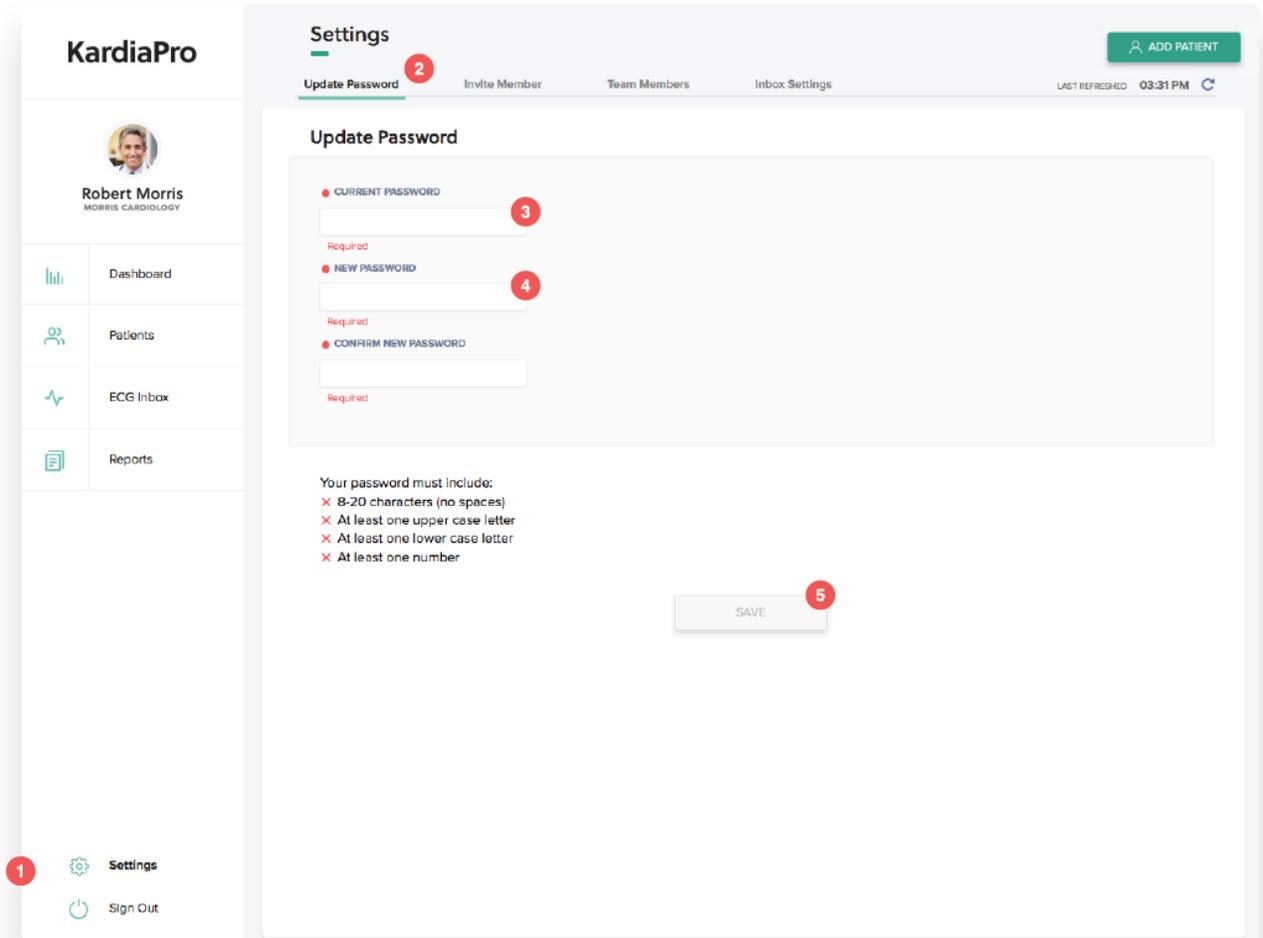
From **Settings**, all users can change their password.

Account Administrators can add and remove members and modify Inbox default settings.

ALL KARDIAPRO USERS: UPDATE PASSWORD

1. Select **Settings**.
2. **Update Password** tab of Settings.
3. Enter your **Current Password**.
4. Enter your **New Password** twice.
5. Select **Save**.

If you forget your password, you can reset it at kardiapro.com and click **Forgot Password** to generate an email with a link to reset your password.



User Settings (Cont.)

ACCOUNT ADMINISTRATOR: INVITE MEMBER

1. Click **Invite Member** tab within from the **Settings** menu bar.
2. Designate **Member Roles** by checking the appropriate boxes. See role descriptions below. Users can have more than one role.
3. Enter email address for new user.
4. **Send Invite**: Invited member will receive an email with a link to create their KardiaPro account and password.
5. **Pending Invites** can be revoked by checking the email and selecting “Revoke.”

KARDIAPRO ROLES FOR KARDIA 12L WORKFLOW

Account Administrator

Can manage settings and add or remove users within your practice’s KardiaPro web portal.

Provider

Can order, review, and sign ECGs within your practice’s KardiaPro web portal.

Technician

Can perform ECGs with Kardia 12L within the KardiaStation app. Data recorded in KardiaStation will be synced with your practice’s KardiaPro portal.

KardiaPro Settings

Settings / Invite Members

LAST REFRESHED 20:08

Robert Morris
MORRIS CARDIOLOGY

Dashboard
Patients
ECG Inbox
Reports

Settings
Sign Out

UPDATE PASSWORD TEAM MEMBERS **INVITE MEMBERS** INBOX SETTINGS

Member Roles

Provider
Access to Provider functions (e.g. Ordering Provider)

Account Administrator
Can manage team settings (e.g. add/remove members)

Technician
Can take recordings

Member Information

* Required

When you add a team member to your practice, we will send an invite email to the email address provided.

Email*
joe@gmail.com

SEND INVITE

Pending Invites

Email	Date Sent
-------	-----------

User Settings (Cont.)

ACCOUNT ADMINISTRATOR: MEMBER INFORMATION

1. Team Members tab of Settings.
2. Search by typing name or email into the search box and select the desired team member. Predictive results will populate as you type.
3. Quickly filter or sort list by Administrators, Providers, email, or inbox settings.
4. Open team member information by selecting any row. See next page for details.

KardiaPro

Settings

Settings / Team Members

LAST REFRESHED 20:16

UPDATE PASSWORD | **1 TEAM MEMBERS** | INVITE MEMBERS | INBOX SETTINGS

Search...

Name	Email	Is Admin	Is Provider	Is Technician
McAlpine, Melissa	melissa.mcalpine+ks@alivecor.com	Yes	Yes	Yes
Nair, Seena	qa+sn-screener@alivecor.com	Yes	Yes	Yes
Tester, KS	qa+kstest@alivecor.com	Yes	Yes	Yes
anagrare410+tech@alivecor.com, Aditya	anagrare410+tech@alivecor.com	No	No	Yes
qa+qa-kstest1@alivecor.com, qa	qa+qa-kstest1@alivecor.com	No	No	Yes
qa+qa-suhas3@alivecor.com, qa+qa-suhas3@alivecor.com	qa+qa-suhas3@alivecor.com	Yes	Yes	No
test, Tester	qa+test-ks@alivecor.com	No	No	Yes

Settings

Sign Out

User Settings (Cont.)

Account Administrators can modify roles and reminders for each user.

ACCOUNT ADMINISTRATOR: MEMBER INFORMATION (Cont.)

1. Modify **Member Roles**.
2. Edit name and email address.
3. Select **Save**.

The screenshot shows the KardiaPro user settings interface for Robert Jones. The interface is divided into several sections:

- Header:** Displays the user's name "Jones, Robert" and a "Back" link. A status bar indicates "LAST REFRESHED 04:12 PM".
- Member Roles:** A section with a red asterisk indicating it is required. It contains two roles: "Provider" (checked) with the description "Access to Provider functions (e.g. Ordering Provider)" and "Account Administrator" (checked) with the description "Can manage team settings (e.g. add/remove members)".
- Member Information:** A section with a red asterisk indicating it is required. It contains three input fields: "First Name" (containing "Robert"), "Last Name" (containing "Jones"), and "Email" (containing "pkuemmel477+121provider@alivecor.cc").
- Email Reminder:** A section with the heading "Email Reminder" and the text "Send an email reminder when ECGs and reports need attention." Below this is a "FREQUENCY OF REMINDERS" section with a dropdown menu set to "Never".
- Buttons:** At the bottom, there are two buttons: "DELETE" and "SAVE CHANGES".

On the left side of the interface, there is a navigation menu with the following items:

- Dashboard
- Patients
- ECG Inbox
- Reports
- Settings
- Sign Out

At the top left of the navigation menu, there is a profile card for "Robert Morris" with the text "MORRIS CARDIOLOGY" below it.

User Settings (Cont.)

Account Administrators can set email reminders for members

ACCOUNT ADMINISTRATOR: MEMBER INFORMATION (Cont.)

1. Scroll to bottom of Member Roles section to “Email Reminder” settings
2. Select edit reminder frequency
3. Select criteria for email reminders (check all that apply)
4. Select **Save**

The screenshot displays the KardiaPro user settings for member Barnett, Kim. The interface is divided into a left sidebar and a main content area. The sidebar includes navigation options: Dashboard, Patients, ECG Inbox, Reports, Settings, and Sign Out. The main content area shows the 'Email Reminder' settings for Barnett, Kim. The settings include a dropdown menu for 'FREQUENCY OF REMINDERS' set to 'Daily', and checkboxes for 'ECG inbox' (ECGs to review in Personal Inbox and ECGs to review in Practice Inbox) and 'Reports' (Reports to be e-signed by this provider, Reports to be e-signed in practice, and Reports to be exported). The 'SAVE CHANGES' button is highlighted with a red circle and the number 4. The 'DELETE' button is also visible. The top right corner shows 'LAST REFRESHED 06:03 PM' and an 'ADD PATIENT' button.