

O'Pet Curv Veterinary Wireless ECG

Veterinary vitals
monitoring in real-time,
from anywhere

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O'Pet Curv Veterinary Wireless ECG How to Use Guide



bionet

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Hardware



O’Pet Curv
Patch



5 packs of Adhesives
(20 pcs / 4 pcs per pack)



USB Charging
Cradle

Application and Software



O’Pet Link App

An Android and iOS application for the management of the monitoring, pets and data with O’Pet Curv Patch.

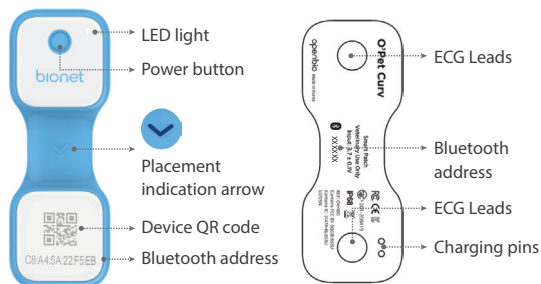


O’Pet Central

A cloud-based software for the remote management of the monitoring, pets and data.

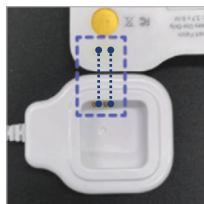
I. O'Pet Curv Patch

1. Front and Back



- ✓ QR code and Bluetooth Address are used to connect the Patch to O'Pet Link App.

2. Charging



Charging	: LED blinks
Full charge	: LED is on 20minutes & turned off
Full charging	: 4 hours
Battery life	: 40 hours

- ✓ Align two charging pins of the Patch to the charging points of the cradle.

II. O'Pet Link App

O'Pet Link is an Android/iOS application that connects with the Patch to provide monitoring and manage pet and data. To ensure effective monitoring, take some time to familiarize yourself with the App's Screens and functions before use.

✓ Download and Installation

Scan the QR code below to download and install the App.



Main Screens of O'Pet Central



Setting

Setting Screen

Manage App setting and the connection to O'Pet Central. (Cloud-base software, P19)



Pets

Pets Screen

Manage pets and review/share saved data.

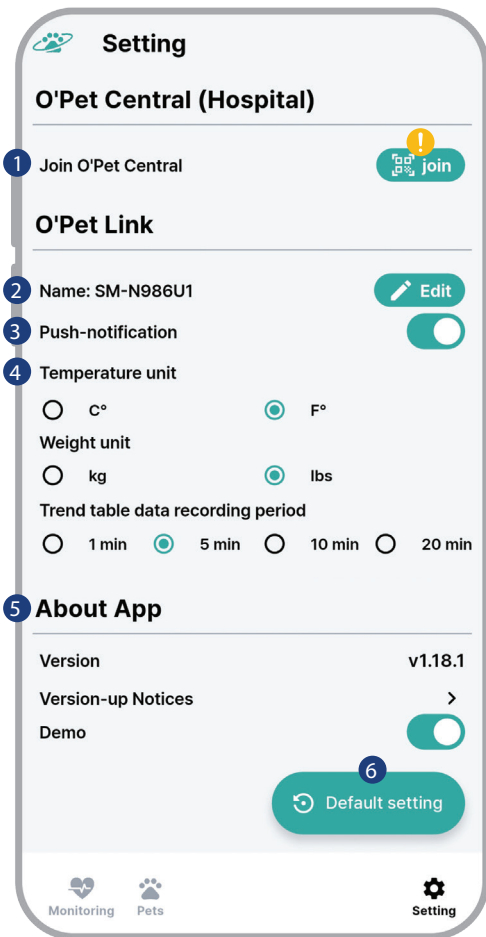


Monitoring

Monitoring Screen

Displays real-time monitoring data and various monitoring functions.

1. Setting Screen



It manages various settings related to using the App and the connection of the smart device on which the App is installed to O'Pet Central. (P19)

- 1 Show the name of the O'Pet Central that the smart device is connected to.

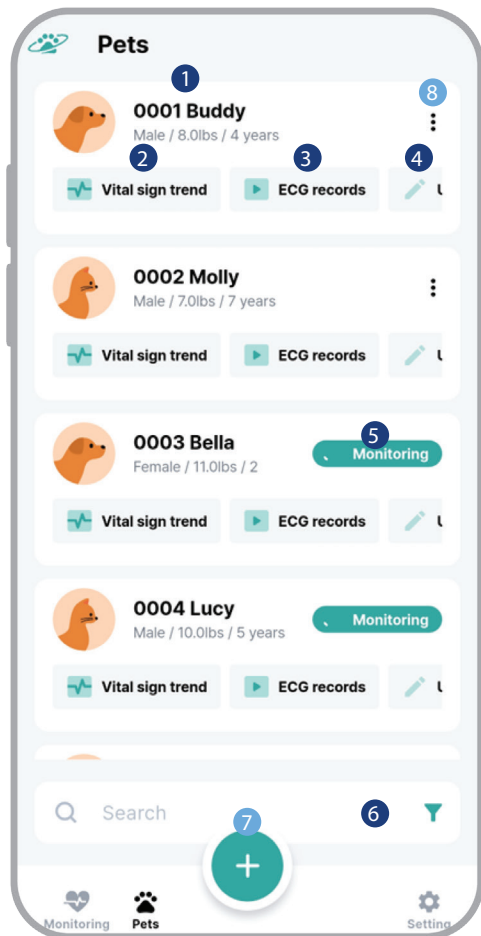
 Your hospital must be registered with the O'Pet Central service before you can connect the smart device.

Refer to the O'Pet Central section to register your hospital and follow the steps. (P19, P20)

 Once your hospital is registered, you can also connect the smart device by clicking Join and following the on-screen instructions.

- 2 Assign and edit the name of the smart.
 - If no name is assigned, the model's name of the smart device will be displayed.
- 3 Turn Push-notification on and off.
- 4 Set various units to be used in the App.
- 5 View the Version information of the App.
- 6 Restore the setting to their default.

2. Pets Screen



It provides functions to manage pets, review and share saved data, and register new pets.

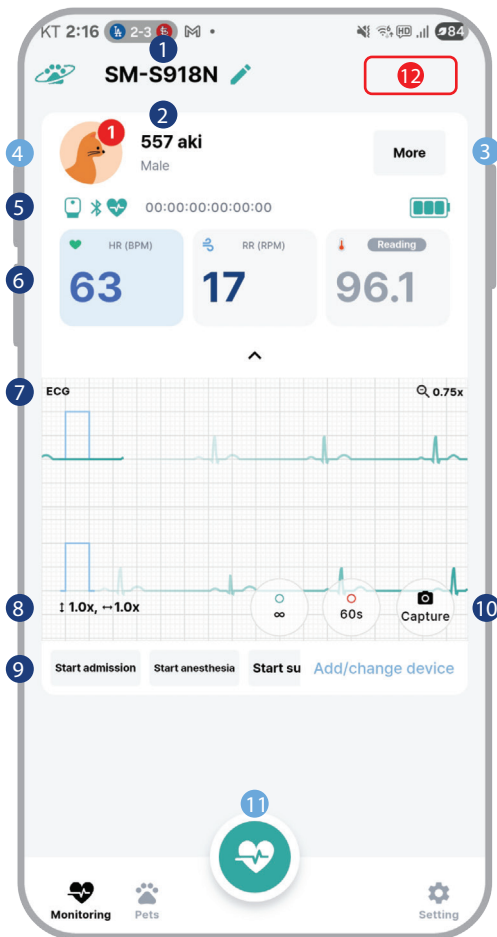
- 1 Pet information.
- 2 Review and share the saved vital sign trend in graphic or tabular mode.
- 3 Review and share the saved ECG record.
- 4 Edit Pet information.
- 5 Indication that the pet is under monitoring.
- 6 Search pet.
 - Search by Pet ID, Name.
 - Sort by Currently monitored, Not being monitored.
- 7 New Pet Registration.
 - Click + icon and enter the required information.
 - Click Add after entering the required Information.
- 8 Delete a pet.

It deletes a pet's information and all related data.
Be sure to confirm that you no longer need them before proceeding.

✓ Once the smart device on which the O'Pet Link App is installed is connected to O'Pet Central, pets cannot be deleted directly from the App due to data security protocols. To delete a pet, please use O'Pet Central. (P19)

3. Monitoring Screen

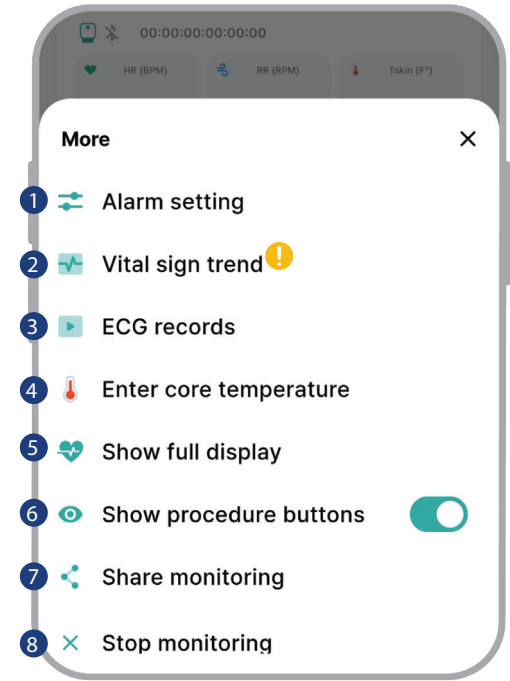
It displays data for the pet currently being monitored and offers various monitoring-related functions. This section also includes the function to start a new monitoring of a patient.



- 1 Name assigned to the smart device.
 - If no name is assigned, the model's name of the smart device will be displayed. (P6)
- 2 Pet information.
- 3 Additional monitoring functions. (P11)
- 4 Species icon and Alarm indicator.
 - When an alarm occurs, a red dot with number of alarms will appear. You can turn it off by clicking the icon.
 - You can also adjust the alarm range by clicking the icon.
- 5 Patch information connected to the pet.
- 6 HR / RR / Skin temperature
- 7 ECG graphic
- 8 ECG Size Setting / 4.0x, 2.0x, 1.0x, 0.5x
- 9 Elapsed time since starts of admission, anesthesia and surgery.
- 10 ECG recording
 - Record continuously until clicked again.
 - Record for 60 seconds.
 - Capture the whole displayed screen.
- 11 Start a new monitoring.
 - Click the icon and follow the on-screen instructions. (Detail on how to start a new monitoring - P13)
- 12 List of the smart device(s) connected to O'Pet Central.
 - It is only shown when connected to O'Pet Central. (P25, P26)

More

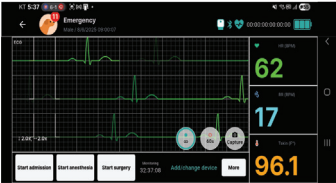
(Continued)



- 1 Adjust the alarm ranges. Turn the alarms on and off.
- 2 Review and share the saved vital sign trend in graphic or tabular mode.
- 3 Review and share the saved ECG record.
- 4 Enter a separately measured core temperature.

The More option contains some of the features from Monitoring Screen, plus additional functions for more efficient and convenient monitoring.

- 5 Display in traditional monitoring mode.



- 6 Turn the display of the elapsed time since the starts of admission, anesthesia, and surgery on and off.
- 7 Share the current monitoring with the pet owner or anyone else who needs it.
- 8 Stop the current monitoring session.

!

Vital Sign Trend Report Example

Graphic

Tabular

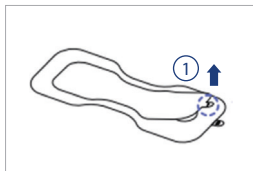
III. Start Monitoring

1. Prepare Patch

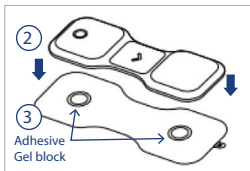
- Clean the ECG leads on the Patch with a small amount of alcohol.
- Make sure the Patch is fully charged.

2. Attach Adhesive to Patch

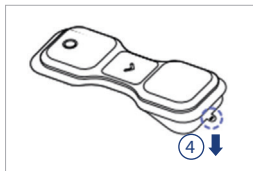
- 1** Remove the 1st protective film



- 2** Attach the Adhesive to the Patch

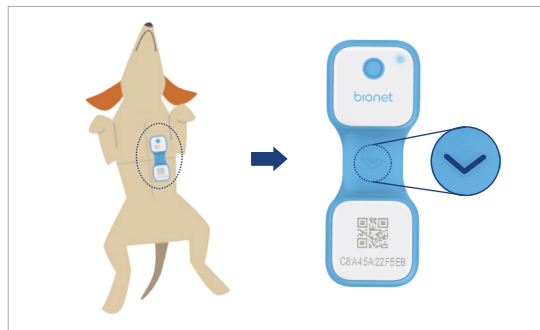


- 3** Remove the 2nd protective film.



- 2** Ensure that the ECG leads on the Patch make direct contact with the gel blocks on the adhesive, and that the adhesive is fully secured to the Patch.
- 3** If the adhesive gel blocks feel dry, adding a small amount of ECG gel can improve the signal quality.

3. Attach 'Patch' to Pet



- Ensure that the placement indication arrow is pointing down.
- Before attaching the Patch, disinfect the area with alcohol.
- If necessary, shave the fur to improve adhesion.
- Attach the Patch firmly near the pet's heart.

- ✓ Using a flexible bandage to wrap the Patch and the pet can help keep the Patch in place and improve signal quality.

4. Connect Patch to App

- ✓ You can connect the Patch to the App either before or after attaching the Patch to a patient at the most efficient time for your specific workflow.

We recommend connecting it just before you start monitoring.

- ✓ To ensure effective monitoring, take some time to familiarize yourself with the App's Screen and functions before use.

4. Connect 'Patch' to 'App'

(continued)

1

Make sure that the Bluetooth is turned on on the smart device where the App is installed.

2

Ensure the Patch is turned on.



3

Open the App.



4

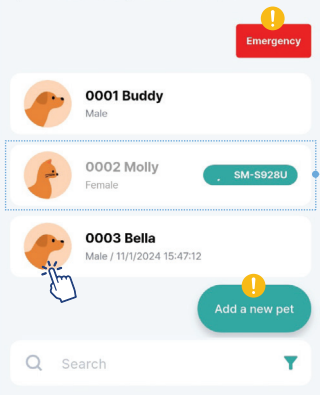
Go to Monitoring Screen and click the heart icon.



5

Select a pet that you want to monitor from the list. Once a pet is selected, go to step 6.

← Select a pet to Monitor



A grayed-out pet is currently being monitored.

Select a pet that is not grayed out.



Add a new pet

When the pet is not registered in the App yet.

- This list only shows pets that have already been registered. (P6)
- If the pet you want to monitor has not been registered on the App yet, you can also register it from this screen.
- Click Add a new pet and follow the on-screen instructions.
- Once finished, go to step 6.



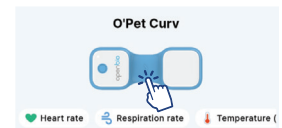
Emergency

Emergency monitoring

- If it is an emergency case, you can skip the full pet registration process to save time.
- Click Emergency and follow the on-screen instructions. (The pet will be registered under the name Emergency, and you will need to update the pet Information later for accurate data management.)
- Once finished, go to step 6.

6

Select O'Pet Curv.



7

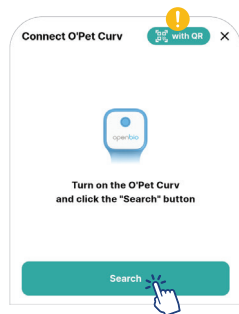
On the alarm settings screen:

- Turn the alarm sound on or off.
- Set the alarm ranges for heart rate, respiration rate, and skin temperature.
- Save the settings.

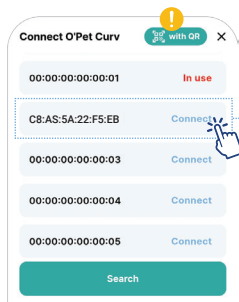
8

Connect the Patch to the App.

6-1. Click Search



6-2. Select the Patch.



- A Patch connected to a pet already is marked In-Use.
- Select a Patch from the Patches marked **Connect** with Bluetooth address that matches the one on the front or back the Patch.



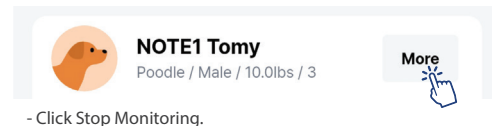
Connection using QR code

- You can connect Patch to App using QR code.
- Click the With QR and scan the QR code on the front of the 'Patch'.



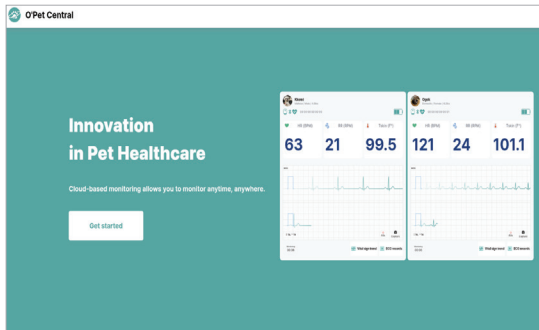
5. Start Monitoring

- Once the Patch is connected to the App, the screen will switch to the Monitoring Screen.
- For efficient monitoring, refer to Monitoring Screen section of the App. (P9)
- To end monitoring:
 - Go to Monitoring Screen.
 - Click More.



IV. O'Pet Central

O'Pet Central is a web-based software that allows for the real-time sharing of monitoring data from the O'Pet Link App and enables extended use through cloud-based pet and data management.



www.opetcentral.com

- It supports most of the major browsers and enables monitoring, pet and data management both inside and outside the hospital where internet is available.
- To get the most out of O'Pet Central's extended features, [it is important to understand the following concepts.](#)

- ✓ To use O'Pet Central, you must register your hospital with the service. (P20)
- ✓ You need to add members who can access your hospital's O'Pet Central. Any member who wants access must create a member account on O'Pet Central. (P22, P23, P24)

- ✓ You must connect your smart device on which O'Pet Link App is installed to your O'Pet Central. Once connected, the monitoring in progress on the O'Pet Link App will be mutually updated in real-time. (P25, P26)

✓ Hospital Registration

1
Type
<https://opetcentral.com/>
into the browser.

2
Click Get started

Get started

3
Select Register Hospital
and enter the required
Information.

Register hospital
Create member account

- ✓ The email address used for hospital registration will be registered as the Owner with full permissions, including the ability to unregister the hospital.

While the Owner can be transferred to another In-Hospital member later, it is strongly recommended to use the email of the person who will be responsible to manage the O'Pet Central of your hospital.

4
Click Register and follow
the on-screen instructions
(including an email
verification process).

Register

5
Once all steps are
complete, log in to O'Pet
Central using that email
and password.

Main Screens of O'Pet Central



Monitoring Screen
Manage ongoing monitoring.



Pet management Screen
Manage Pet Information., data



My Hospital Screen
Manage Hospital Information., Member, O'Pet Link.



Shared Hospital List Screen
Manage the hospitals you are sharing your O'Pet Central with.

+ 1. My Hospital Screen

1-1. Hospital Information Section

CAHOSP

Hospital Information

Contact number

949 517 8626

Address

2191 Dow Ave. Suite B, Tustin CA 92780

Edit

- The hospital information you provided when registering your hospital with O'Pet Central is displayed here.
- You can edit it by clicking the Edit next to Hospital information.

1-2. Members Section

Members

In-Hospital Members

Owner rcsung70@gmail.com

Charles Sung (You)

Admin charles1test@gmail.com

Charles1 Test1

charles2test2@gmail.com

Charles2 Test2

Out-of-Hospital Members

charles4test4@gmail.com

Charles4 Test4

Add

Add

- In this section, you can manage members who can access your hospital's O'Pet Central account.
- Members are divided into two groups: In-hospital members and out-of-hospital members.
- In either case, to add a person as a member, [they must first have a member account on O'Pet Central to ensure the security of your O'Pet Central](#) . If the person does not have an account, instruct them to create one using the following guide.

✓ How to create Member Account

1. Type <https://opetcentral.com/> into the browser.
2. Click Get started.
3. Select Create member account and enter required Information.
4. Click Create and follow the on-screen instructions (including an email verification process).
5. Once finished, you can add that person to your O'Pet Central as a member.

✓ How to add In-Hospital Member

Click + Add next to In-Hospital Members and follow the on-screen instructions.

In-Hospital Members



- In-hospital members are divided into three roles (Owner, Admin, and Staff) with the following permissions:

! Action	Owner	Admin	Staff
Transferring ownership	O		
Deleting the O'Pet Central Registration	O		
Adding / Deleting In & Out members	O	O	
Changing Member's role(Admin, Staff)	O	O	
Deleting Pets	O	O	
Adding Pets	O	O	O

- In-hospital members can access your hospital's O'Pet Central account at any time. [Before adding them, ensure the person needs access to O'Pet Central.](#)

✓ How to add Out-of-Hospital Member

Click + Add next to Out-of-Hospital Members and follow the on-screen instructions.

Out-of-Hospital Members



- Out-of-Hospital members can only access the Monitoring Screen of your O'Pet Central and can only view shared monitoring sessions.
- You should only add out-of-hospital members, such as external consulting veterinarians or other similar parties, if you need to share real-time monitoring sessions with them.

1-3. O’Pet Link Management Section

For the real-time sharing of monitoring data from the O’Pet Link App and cloud-based management of pet and data, the smart device on which O’Pet Link App is installed must be connected to your O’Pet Central.

✔ **How to connect the smart device**

Click + Add O’Pet Link next to O’Pet Link Management and follow the on-screen instructions.

O’Pet Link Management

+ Add O’Pet Link

✔ You can connect multiple smart devices on which O’Pet Link App is installed to O’Pet Central. If you plan to use more than one, we recommend naming each smart device for easy identification (e.g., Recovery, ICU, etc.).

✔ Once the connection is complete, the connected smart device will appear in the top right corner of the O’Pet Link app’s Monitoring Screen.

1:50

Recovery

Recovery

1234 req
Male

Recovery

More

✔ If multiple smart devices are connected, you can click on this button to see all connected smart devices. You can then click on the desired device to view the monitoring data from that specific device or select All O’Pet Links to view all monitoring sessions from all devices at once.

Select a O’Pet Link to monitor

X

Recovery

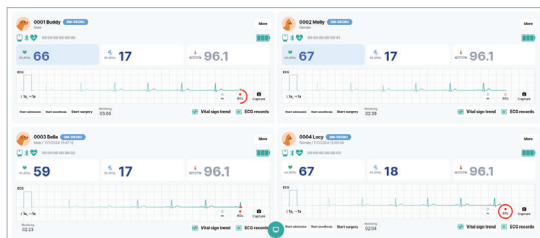
This device

ICU

8/20/2025 13:49

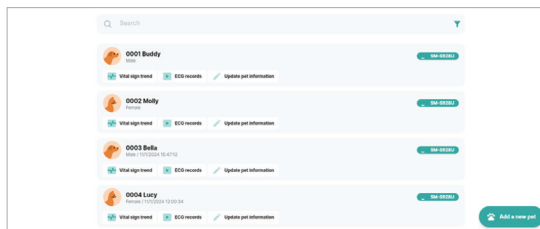
All O’Pet Links

2. Monitoring Screen



- The UI and functions of the Monitoring Screen on O'Pet Central are the same as on O'Pet Link App.
- Refer to the Monitoring Screen section of the O'Pet Link App. (P9)

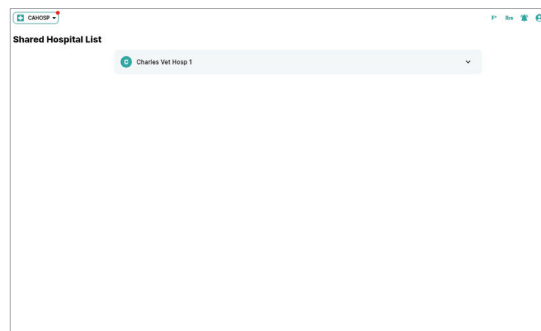
3. Pet Management Screen



- The UI and functions of the Pet management Screen of O'Pet Central are the same as on O'Pet Link App.
- Refer to the Pets Screen section of the O'Pet Link App. (P7)

- ✓ Once the smart device on which O'Pet Link App is installed is connected to O'Pet Central, monitoring in progress on the O'Pet Link App will be displayed in real-time on the Monitoring screen of O'Pet Central.
- ✓ If you take an action on the Monitoring screen and the Pets (management) screen of either the O'Pet Link App or O'Pet Central, it will be applied to both in real-time.

4. Shared Hospital Screen



- This screen shows a list of other hospitals' O'Pet Central Accounts that are shared with you
- For an example, when you have been added as an Out-of-Hospital Member to another hospital's O'Pet Central, the information of that hospital will show here.
- You can delete a shared connection at any time by clicking the hospital name.

Caution

Before Use

- Make sure the O'Pet Curv is fully charged before use.
- Check that the mobile device has sufficient battery power.
- Clean the electrode areas of the O'Pet Curv before attaching the hydrogel adhesive pads.
- Check the expiration date of the hydrogel adhesive pads before use.
- Only use the hydrogel adhesive pads provided with the product.
- Allow the required app permissions and configure necessary settings for the O'Pet Link app on your mobile device.

During Use

- Physical obstacles and distance can interfere with wireless communication.
- Keep the mobile device within 5 meters (16 feet) of the animal wearing the O'Pet Curv for a stable connection.
- Avoid exposing the O'Pet Curv to environments with strong electromagnetic fields.
- When using an Android device, exit the app by pressing the Home button; pressing the back button may disconnect the Bluetooth.
- If the app unexpectedly closes while reconnecting on an Android device, restart the app and try reconnecting.

After Use

- Always turn off the device after use to prevent battery drain.
- Disinfect the O'Pet Curv with alcohol after each use to prevent cross-contamination.
- Hydrogel adhesive pads are single-use; dispose of them in designated waste areas after use.

Storage, Transport, Environmental Conditions

- Temperature: 50°F - 122°F / 10°C - 50°C
- Humidity: 10 % - 95%
- Atmospheric Pressure: 700hPa - 1,060hPa

Disposal

- Do not dispose of this product indiscriminately.
- Recycle discarded electrical and electronic equipment in compliance with local laws and regulations.
- Proper disposal helps protect the environment and minimizes the impact on the community.