bionet

Veterinary wearable device that can wirelessly measure pet vital signs

O'Pet Curv

Veterinary Wearable Smart Patch O'Pet Curv can
wirelessly monitor pet vital signs such as heart rate, respiratory rate, and body temperature through an app that comes with it.
When the measured vital signs are outside the set range, an alarm goes off to act immediately,
and the measured values are stored on the cloud server in real time to check
the patient's condition regardless of time and place.

Now save time and money to monitor high-risk patients with O'Pet Curv.
Never miss the critical moment to save a pet's life.

| Wireless Wearable Sensor | Heart Rate Respiratory Rate Skin Temperature | Alarm | Remote Patient Monitoring | Vital Sign Chart ECG Record | Battery 72 Hours | IP68 Waterproof |

Specification

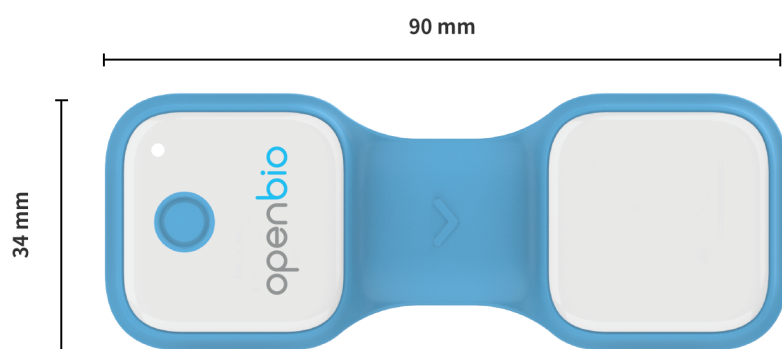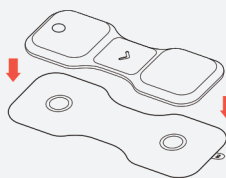| O'Pet Curv (Wireless Wearable Sensor) | OA-100 (Hydrogel Adhesive) | OC-100 (Charger) | OV-101 Reusable electrode | OV-102 Holding strap |

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90 mm

34 mm

Size, Weight	90 x 34 x 8.5 mm, 18g
ECG	1 Channel, 125 Hz
Heart Rate	40 ~ 300 BPM
Respiration Rate	5 ~ 60 RPM
Skin Temperature	10 ~ 45 °C
Ingress Level	IP68
Battery	4 hour charging, 72 hour operation
Communication	Bluetooth 5.1
Software	App for Android/iOS/Web Browser

Overall Usage

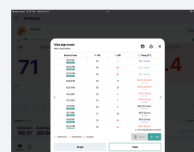**Pairing O'Pet Curv to mobile device**

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Attach a hydrogel adhesive to O'Pet Curv

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Attach O'Pet Curv to the chest of companion animal
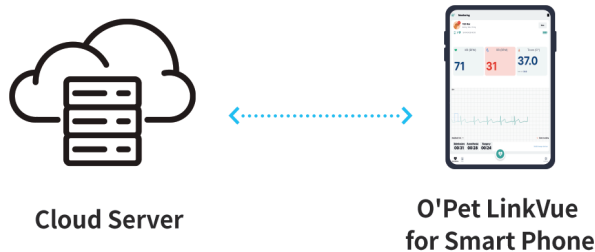
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Display and record the vital signs.

Review the recorded vital signs and ECG

Monitoring Display, Vital Sign Chart, ECG Chart

Remote Monitoring Platform

Cloud Server

O'Pet LinkVue
for Smart Phone

Inside Hospital

Recovery Room
or Operation Room

Remote Central
Monitoring Room

O'Pet Curv
(ECG, HR, RR, Temp)

Bluetooth
Connection
(Up to 10m)

O'Pet LinkVue for Tablet
(Connect up to 6 O'Pet Curvs)

O'Pet StationVue for Web Browser
(Remote Central Monitoring System)

O'Pet LinkVue

- Detects heart rate, respiratory rate, and skin temperature from biosignals acquired through the O'Pet Curv and displays them on the screen.
- An alarm automatically goes off if the reading is outside the set alarm range.
- Saves vital signs and ECG to the mobile device.
- Connects and monitors up to 6 wireless sensors at the same time.
- Monitors the patient remotely by "monitoring sharing" function.

O'Pet StationVue

- Remotely monitors vital signs of all wireless devices connected to O'Pet LinkVue.
- Monitors patients' conditions and receives alarms in real time through PCs and mobile devices inside and outside the hospital.
- When used on a PC, the patient's vital sign and ECG records can be downloaded and stored on your PC to attach to an EMR chart.
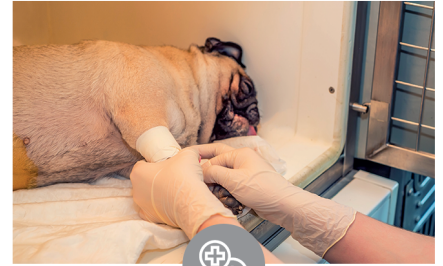- Operates on Web browsers with https://sv.openb.io

Applications

Emergency patient monitoring with no movement

Monitoring patients under anesthesia during surgery

Monitoring critical patients recovering from surgery

Advantage & Benefit

01. Wireless wearable sensors make it quick and easy to apply to patients.

- Even in emergency situations, sensors can be quickly and easily attached to the patient's body, and the patient does not reject or feel uncomfortable with the attached sensor.
- You can reliably monitor vital signs from aggressive or irritating patients without being exposed to dangerous situations.
- There is no wire and the sensor is attached to the patient's body, providing excellent quality vital signs.

02. The alarm function allows you to respond quickly.

- An alarm is triggered on an app running on your mobile device or PC when the reading is outside the set alarm range.
- The alarm function can be used to respond quickly before the patient's condition gets worse.
- When an alarm is triggered above the heart rate, you can set up a 40-second ECG to be automatically saved on the cloud server.

03. Remote monitoring function allows you to check the patient's vital signs anytime, anywhere.

- Cloud-based apps allow you to monitor your patient's condition anytime, anywhere, and review and share the saved vital sign trends and ECG records.

04. Lower hospital operating costs and increase work efficiency.

- O'Pet monitors motionless patients continuously, so you can focus on other tasks with confidence.
- By automatically recording vital signs, you can save money on measuring and recording vital signs.