



FEVERTM
SCOUT

Continuous monitoring thermometer

INSTRUCTION FOR USE

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1

WHAT'S INSIDE



1

Fever Scout™ Patch
x1



2

Charger
x1

4

AAA Battery
x3

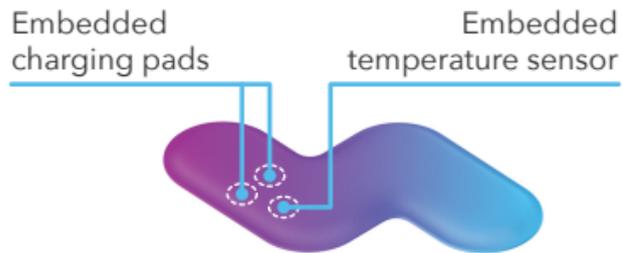


3

Disposable Adhesives
x8

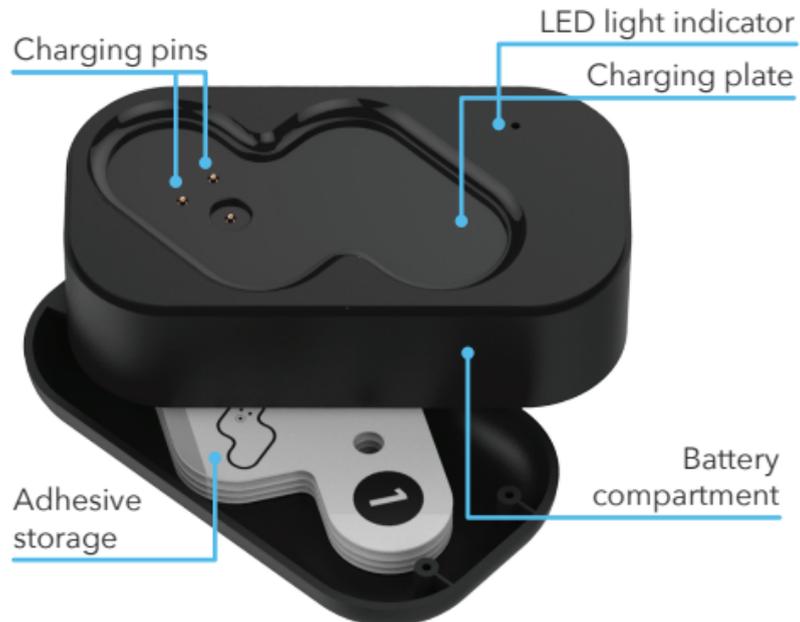
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PRODUCT DESCRIPTION



The Fever Scout™ patch is powered by a rechargeable lithium battery. For proper disposal of the battery, please refer to instructions on page 18.

Fever Scout™ Patch



Charger

INTENDED USE & PRECAUTIONS

Intended use:

The wireless Fever Scout™ Continuous Monitoring thermometer is a non-invasive and re-usable electronic device for home use. This product is intended for non-urgent ambulatory continuous armpit body temperature monitoring from ages 29 days and older.

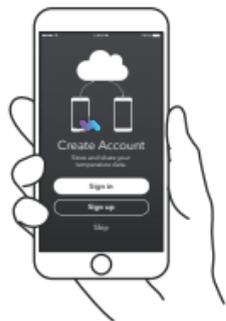
Precautions:

1. Any form of modification to this device is forbidden.
2. Do not use this device together with MRI or CT equipment.
3. Physicians should diagnose based on clinical references and symptoms, and use this device as a subsidiary tool.
4. Do not use this device if it cannot stay in contact with the skin and do not use on wounded or irritated skin.
5. This device is non-sterile.
6. It is recommended for indoor use only.
7. The Fever Scout™ patch is to be worn under the armpit. Patch exposure to ambient temperature may cause inaccurate temperature readings.
8. Do not submerge the Fever Scout™ patch in the water. Patch may be removed for bath or shower and re-applied after.
9. Do not excessively bend or twist the Fever Scout™ patch.
10. In order to hear the notification sound for fever alert, the smartphone should not be kept in the silence mode while in use with Fever Scout™.
11. In case of skin discomfort, remove the Fever Scout™ patch immediately.
12. For additional safety, keep the product out of user's mouth.
13. User may only change the charger's AAA batteries; no user serviceable part is provided for this product.
14. Device setup shall be performed by adults. Please call customer service at (408) 663-6784 if any issue occurs during device setup.
15. The performance of the device may be degraded if one or more of the following occur: a) operation outside the manufacturer's stated temperature and humidity range; b) storage outside the manufacturer's stated temperature and humidity range; c) mechanical shock (for example, being dropped); d) patient temperature is below ambient temperature.

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INSTRUCTIONS FOR USE

1. Set up the app



2.1. Download the app by searching "Fever Scout" in the app store.



2.2. Create an account and profile for the user wearing the Fever Scout™ patch.

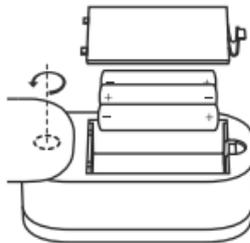


2.3. Set a temperature alert for the selected user profile.

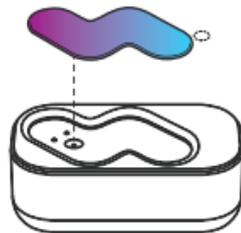
2. Activate the patch

Important!

You must place the Fever Scout™ patch in the charger to activate the patch.



1.1. Rotate the adhesive storage to access the battery compartment door. Place three AAA batteries into the charger, and allow the Fever Scout™ patch to charge for at least two hours.



1.2. After charging the Fever Scout™ patch, remove it from the charging plate. The patch **will not pair with the phone while being charged.**

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INSTRUCTIONS FOR USE

3. Pair the patch



3.1. Before pairing the Fever Scout™ patch, ensure that your Bluetooth® feature is on.



3.2. Place the Fever Scout™ patch on the phone and select "Start pairing".



3.3. Once the Fever Scout™ patch is paired, make sure the serial no. on the screen matches the one on the back of the patch.

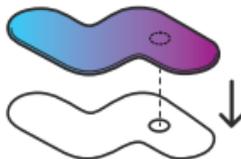
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INSTRUCTIONS FOR USE

4. Set up the patch



4.1. Carefully remove **Side 1** from the adhesive.



4.2. Align the **metal temperature sensor** on the Fever Scout™ patch with the hole in the adhesive.

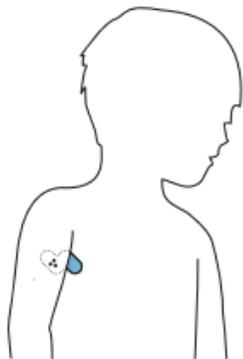


4.3. Attach the Fever Scout™ patch to the adhesive. Press firmly on the adhesive to secure the contact. Carefully remove **Side 2** from the adhesive.

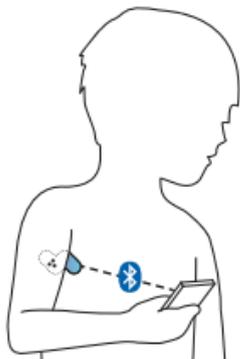
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INSTRUCTIONS FOR USE

5. Warm Up

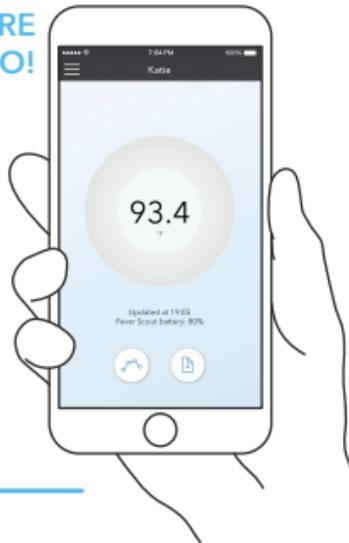


5.1. Make sure the armpit area is clean and dry. Place the Fever Scout™ patch under the arm so that the **metal temperature sensor (purple side)** is closest to the armpit.

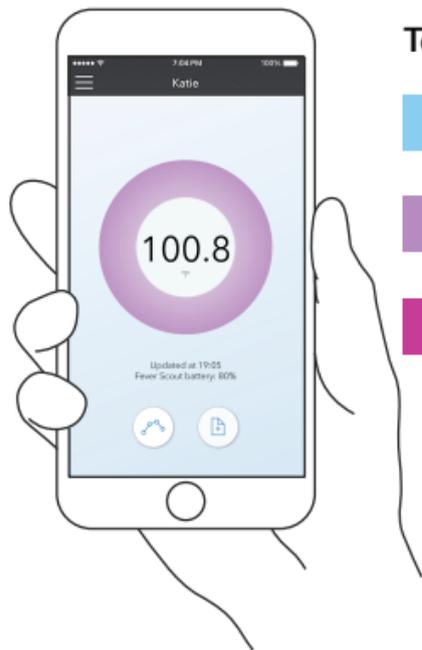


5.2. Let your arm drop at your side to cover the Fever Scout™ patch and keep it there for at least **8 minutes**. **Keep your phone within arm's reach.**

**YOU ARE
GOOD TO GO!**



INSTRUCTIONS FOR USE



Temperature Color Indicator

-  Less than or equal to 98.6°F (37°C).
-  Between 98.6°F (37°C) and the set alert.
-  Greater than or equal to the set alert.

Note: Fever Scout™ only measures axillary (armpit) temperature.

Temperature Monitoring

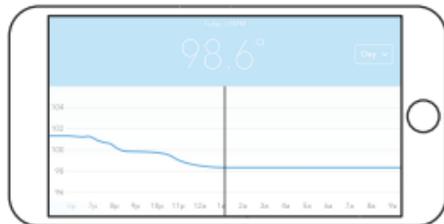
1. Make sure the Bluetooth® feature is enabled.
 - Note: If Bluetooth® connection is lost, temperature measurements will not be recorded.
2. Select which user profile you will be monitoring.
3. Make sure the phone is within range of the charger for continuous temperature monitoring.
4. When you are finished monitoring, simply press “Tap to stop”, close the app, and place the Fever Scout™ patch back on the charger
 - Monitor temperature via the app’s home screen, journal, and trend views.
 - Select the notes feature from the home screen to add symptoms and medication. Notes will be saved in the menu bar.

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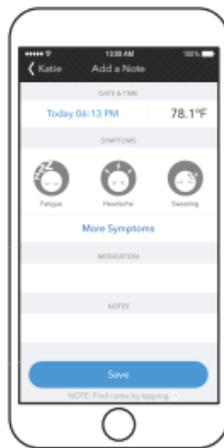
INSTRUCTIONS FOR USE

**HOME SCREEN**

View the current temperature. Fever Scout™ patch battery life is displayed below the temperature.

**TREND VIEW**

Rotate your smart phone to a horizontal view to observe the graph.

**ADD NOTES**

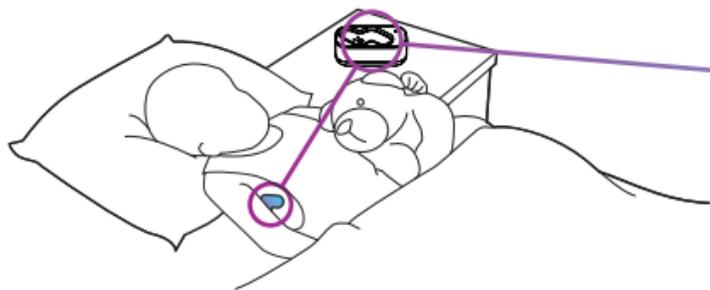
Take detailed notes of symptoms and medication.

**NOTE VIEW**

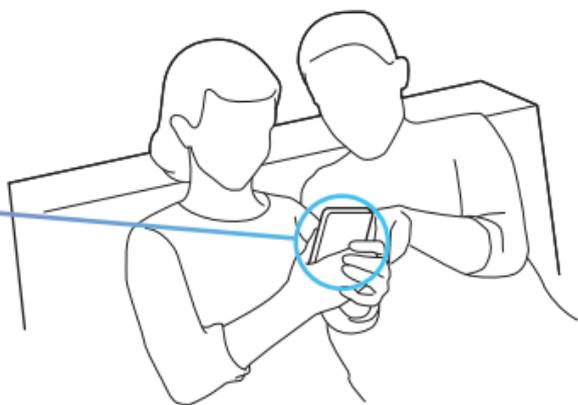
View and share your customizable notes with your family members.

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EXTENDED RANGE MONITORING



1. Keep the charger within arm's reach of user wearing the Fever Scout™ patch (within **4.9 ft/1.5 m**).



2. The charger will send temperature data to your phone (up to **131 ft/40 m***), allowing you to monitor temperature without having to be near the user wearing the Fever Scout™ patch.

Note: each Fever Scout™ patch must use its accompanying charger to send temperature data to your phone. Please make sure the serial numbers for the Fever Scout™ patch and charger are matching.

*unobstructed view

CHARGING, STORAGE & MAINTENANCE



Patch Storage & Charging

It is recommended to store the Fever Scout™ patch on the charging plate when not in use to keep the patch charged. When the AAA batteries in the charger are depleted, please replace as a simultaneous set.

- **LED Light ON:** Indicates the Fever Scout™ patch is charging. The light will stay on for 15 seconds.
- 🔦 **Flashing LED:** The charger batteries are low.
- **LED light OFF when the Fever Scout™ patch is first placed on the charger:** Charger is out of batteries.

Adhesives

Each Fever Scout™ comes with 8 medical grade, disposable adhesives. Adhesives can be used up to 24 hours, but some users may want to change adhesives more often depending on skin type and comfortability. Additional adhesives can be purchased separately as needed.

Cleaning

It is recommended to use a new adhesive from the adhesive storage with each use. To clean the Fever Scout™ patch before applying a new adhesive, wipe both sides with an alcohol wipe.

TROUBLESHOOTING

Symptom	Possible Causes	Solutions
<p>Unusual temperature data</p>	<ol style="list-style-type: none"> 1. This device might be damaged. 2. This device might not be worn correctly. 3. This device is attached to the armpit for less than eight minutes. 4. The arm is not consistently kept in the natural dropping position during calibration. 5. The operation temperature is too high or too low. 6. The Fever Scout™ patch was worn before pairing. 7. Temperature sensor not covered by arm. 8. User touched sensor before wearing. 	<ol style="list-style-type: none"> 1. Contact customer service at (408) 663-6784. 2. Recheck device's location or contact with the armpit. 3. Keep this device attached for eight minutes before reading temperature. 4. Keep arm in natural dropping position consistently. 5. Use this device under instructed operation temperature. 6. Pair the Fever Scout™ patch before wearing. 7. Cover the temperature sensor with arm. 8. Do not touch the sensor before wearing.
<p>Smart phone cannot read data from the device</p>	<ol style="list-style-type: none"> 1. Bluetooth® feature is not enabled in the smart phone. 2. Out of connection range. 3. Blue side of the Fever Scout™ patch blocked by arm. 	<ol style="list-style-type: none"> 1. Enable the Bluetooth® feature in the smart phone. 2. Move the smart phone closer to the device. 3. Have the blue side of the Fever Scout™ patch exposed and do not squeeze the arm closed.

TECHNICAL SPECIFICATION

Product name: Fever Scout™

Catalog/Model: VV200/VV-200

Size: 61mm x 41mm

Thickness: 5.5mm

Weight: 7.3g

Duration of continuous patch use: 7 days

Product shelf life: 3 years

Product service life: 2 years

Transmission distance: 131ft./40m. (with charger box relay and unobstructed view)

Accuracy: $\pm 0.2^{\circ}\text{F}$ (0.1°C) between 98.6°F - 102.2°F (37°C - 39°C);
 $\pm 0.4^{\circ}\text{F}$ (0.2°C) between 95°F - 98.6°F (35°C - 37°C) & 102.2°F - 107.6°F (39°C - 42°C)

Patch water resistance: IP25

Charger water resistance: IP21

Operation/Storage conditions:

Temperature Range: 50°F - 104°F (10°C - 40°C)

Humidity Range: 15%-85%

Pressure Range: 70-106 kPa

Receiver:

Android devices: 4.3 or later

Apple devices: iPhone 5s or later and iOS 8.0 or later



CERTIFICATION & DISCLAIMER

Notes:

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this device does cause harmful interference to radio or television reception, which can be determined by turning the device off (i.e. putting the Fever Scout™ patch on the charger) and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Increase the separation between the Fever Scout™ patch and charger.
2. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
3. Consult an experienced radio / TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modification not expressly approved by VivaLnk could void the user's authority to operate the equipment.

CERTIFICATION & DISCLAIMER

For private households: Information on Disposal for Users of WEEE

Disposing of this product correctly will help save valuable resources and prevent any potential negative effects on human health and the environment, which could otherwise arise from inappropriate waste handling. Please contact your local authority for further details of your nearest designated collection point. Penalties may be applicable for incorrect disposal of this waste, in accordance with your national legislation.

This symbol () on the product(s) and / or accompanying documents means that used electrical and electronic equipment (WEEE) should not be mixed with general household waste. For proper treatment, recovery and recycling, please take this product(s) to designated collection points where it will be accepted free of charge. Alternatively, in some countries, you may be able to return your products to your local retailer upon purchase of an equivalent new product.

Battery Removal

The charger contains AAA batteries and the Fever Scout™ patch contains a lithium battery. Refer to proper disposal instructions below:

1. To remove the battery, cut the Fever Scout™ patch. The battery is located in the center of the patch.



2. To remove the AAA batteries, open the battery compartment door on the bottom of the charger.

3. All batteries/accumulators should be disposed separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities. The correct disposal of your old batteries/accumulators will help to prevent potential negative consequences for the environment, animal and human health.

4. For more detailed information about disposal of your old batteries/accumulators, please contact your local waste disposal service.

ELECTROMAGNETIC COMPATIBILITY (EMC) TABLES

Table 1

Guidance and manufacturer's declaration - electromagnetic immunity			
Immunity Test	IEC 60601 Test Level	Compliance Level	Electromagnetic environment - guidance
Electrostatic discharge (ESD) IEC 61000-4-2	+/- 6 kV contact +/- 8 kV air	Electrostatic discharge (ESD) IEC 61000-4-2	Floors should be wood, concrete, or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%.
Power frequency (50/60 Hz) magnetic field IEC 61000-4-6	3 A/m	0.3 A/m	The power frequency magnetic field should be measured in the intended installation location to assure that it is sufficiently low.

ELECTROMAGNETIC COMPATIBILITY (EMC) TABLES

Table 2 (Part 1)

Immunity Test	IEC 60601 Test Level	Compliance Level	Electromagnetic environment - guidance
Radiated RF IEC 61000-4-3	3 V/m 80 MHz to 2.5 GHz	3 V/m	<p>Portable and mobile RF communications equipment should be used no closer to any part of Fever Scout™, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter.</p> <p>Recommended separation distance.</p> $d = 1.2 \sqrt{P}$ $d = 1.2 \sqrt{P} \text{ 80 MHz to 800 MHz}$ $d = 2.3 \sqrt{P} \text{ 800 MHz to 2.5 GHz}$ <p>(Continue on next page)</p>

ELECTROMAGNETIC COMPATIBILITY (EMC) TABLES

Table 2 (Part 2)

Immunity Test	IEC 60601 Test Level	Compliance Level	Electromagnetic environment - guidance
Radiated RF IEC 61000-4-3	3 V/m 80 MHz to 2.5 GHz	3 V/m	<p>Where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in meters (m).</p> <p>Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey,¹ should be less than the compliance level in each frequency range.</p> <p>Interference may occur in the vicinity of equipment marked with the following symbol: </p>

NOTE 1: At 80 MHz and 800 MHz, the higher frequency range applies.

NOTE 2: These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

¹ Field strengths from mixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF Transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which Fever Scout is used exceeds the applicable RF compliance level above, Fever Scout should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary such as re-orienting or relocating Fever Scout.

ELECTROMAGNETIC COMPATIBILITY (EMC) TABLES

Table 3

Guidance and manufacturer's declaration - electromagnetic immunity			
Rated maximum output power of transmitter ¹ W	Separation distance according to frequency of transmitter		
	150 kHz to 80 MHz $d = 1.2 \sqrt{P}$	80MHz to 800 MHz $d = 1.2 \sqrt{P}$	800 MHz to 2.5GHz $d = 2.3 \sqrt{P}$
0.01	0.12	0.12	0.23
0.1	0.36	0.36	0.73
1	1.2	1.2	2.3
10	3.8	3.8	7.3
100	12	12	23

¹For transmitters rated at a maximum output power not listed above, the recommended separation distance d in meters (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.

NOTE 1: At 80 MHz and 800 MHz, the separate distance for the higher frequency range applies.

NOTE 2: These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption reflection from structures, objects, and people.

DEFINITION OF SYMBOLS



FCC icon



Manufacturer



Catalog number



WEEE icon



Date of manufacture



CE mark and notified body number

0086

Consult Instructions
for useAuthorized representative
in the European CommunityPolyethylene terephthalate
- window only

PET



Type-BF applied part



Serial number



Radio emission



Temperature limit



Lot/batch number



Keep dry

Printed in China



Emergo Europe B.V.
Molenstraat 15
2513 BH The Hague,
The Netherlands

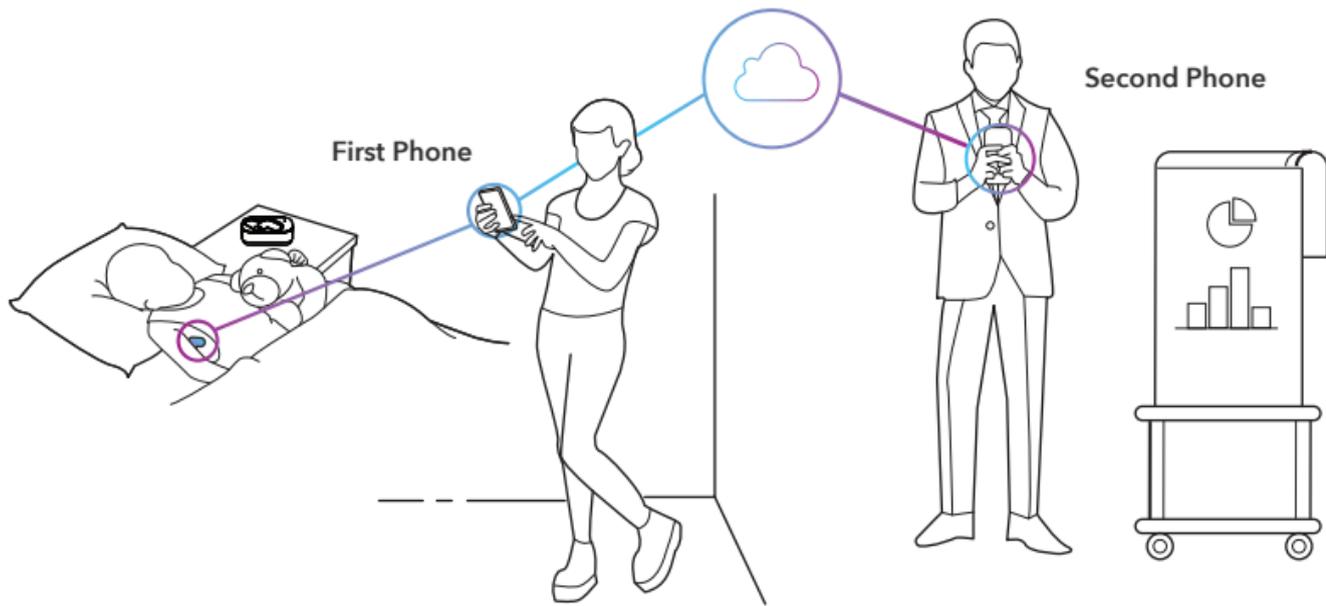


LBL 75-06-01 REV.01

THANK YOU
For choosing Fever Scout™

Manufactured by VivaLnk, Inc.
4655 Old Ironsides Dr. #390
Santa Clara, CA 95054 USA
www.feverscout.com
(408) 868-2898

CLOUD MONITORING

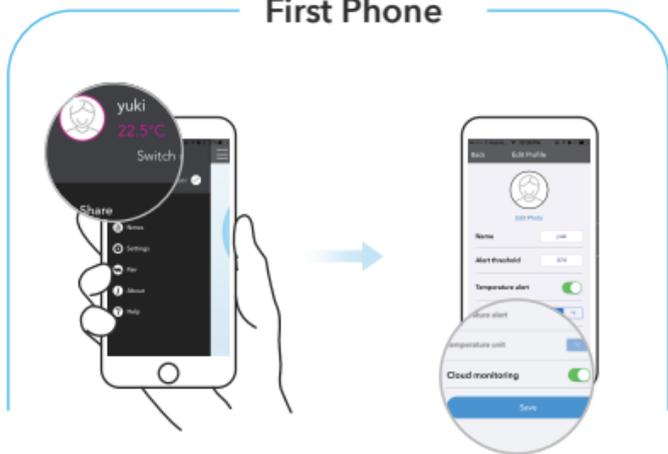


Cloud monitoring allows others to monitor from anywhere, anytime. This feature requires one phone (the "first phone") to connect to the Fever Scout™ patch and the other phone (the "second phone") to log into the Fever Scout™ app with the same log-in credentials. Please refer to the instructions on page 12.

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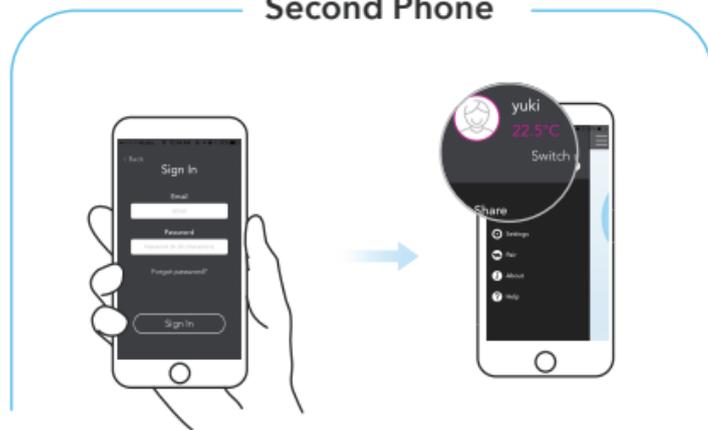
CLOUD MONITORING

First Phone



1. Activate cloud monitoring on the first phone by clicking your profile icon in the menu, and turning "Cloud Monitoring" on.

Second Phone



2. Open the Fever Scout™ app on the second phone and log into the account using the same log-in information as the first phone.

3. Select the profile you would like to monitor, and turn on remote monitoring by clicking on the profile icon in the menu.

NORMAL BODY TEMPERATURE RANGES

Age Range	Axillary (Armpit)	Oral	Ear	Rectal
0-2 years	94.5°F - 99.1°F (34.7°C - 37.3°C)	N/A	97.5°F - 100.4°F (36.4°C - 38.0°C)	97.9°F - 100.4°F (36.6°C - 38.0°C)
3-10 years	96.6°F - 98.0°F (35.9°C - 36.7°C)	95.9°F - 99.5°F (35.5°C - 37.5°C)	97.5°F - 100.0°F (36.4°C - 37.8°C)	97.9°F - 100.4°F (36.6°C - 38.0°C)
11-65 years	95.3°F - 98.4°F (35.2°C - 36.9°C)	97.6°F - 99.6°F (36.4°C - 37.6°C)	96.6°F - 99.7°F (35.9°C - 37.6°C)	98.6°F - 100.6°F (37.0°C - 38.1°C)
>65 years	96.0°F - 97.4°F (35.6°C - 36.3°C)	96.4°F - 98.5°F (35.8°C - 36.9°C)	96.4°F - 99.5°F (35.8°C - 37.5°C)	97.1°F - 99.2°F (36.2°C - 37.3°C)