SAVI Wireless™
Mobile Cardiac Telemetry

Your procedure is billed as a 30-day procedure, regardless of the number of times you make recordings.**

Should you have any questions regarding any information in this patient guide, please contact the Cardiac Monitoring Center 24/7 at 1-877-996-5553.
The Contents of Your SAVI Wireless Kit

Your kit may also include a skin prep pad that you may be asked to use when working with a technician at Medicomp’s Cardiac Monitoring Center.

Please become familiar with the Smartphone keys that you will be using the most frequently:

Your SAVI Wireless Procedure

Your doctor has prescribed this cardiac monitoring procedure using the SAVI Wireless system so that you can make a permanent record of your heart’s activity. You can record your own ECG (electrocardiogram), and it will be sent automatically via the cellular network to Medicomp’s 24-hour Cardiac Monitoring Center (CMC).

The SAVI Wireless should be used according to your physician’s instructions or whenever you experience a symptom that concerns you.

IT IS IMPORTANT THAT YOU KEEP THE PENDANT HOOKED UP TO YOU AS MUCH AS POSSIBLE.

During the Test

When you have a symptom (chest pain, dizziness, etc.) and press the SYMPTOM button on the front of the Pendant, OR select the SYMPTOM option with the Left Soft Key on the Smartphone, the SAVI Wireless saves your heart’s ECG activity that occurred about a minute before you pressed the button, and then continues to save the signal for an additional period of time (usually about 30 seconds).

This means that your physician can see what was happening with your heart BEFORE you had the symptom; this can be very important because symptoms are often felt AFTER the heart “event” occurs. In addition, the SAVI Wireless can automatically capture ECG abnormalities that you don’t feel.

Please note: The Smartphone has been configured for cardiac telemetry function only. The device has been locked down, and is not usable as a standard phone.
1. Preparing Your Skin and Applying Patches

Try to take care in preparing your skin for application of the adhesive skin patches (electrodes). Good skin preparation means better ECG signal traces that in turn are easier for your doctor to review and evaluate.

We recommend that you change your electrodes every two days. When you re-apply them, change their location slightly to prevent skin irritation*. The center of the patch should be within the areas indicated by the boxes in the figure below. (The number and type of patches you are wearing may vary from those shown.)

A. Choose areas of your chest that are flat and not very muscular; avoid skin folds or creases, irritated skin or scars.

B. Shave areas with hair using the skin patch (electrode) as a guide for the size of the area to shave. This insures good contact and makes electrode removal much easier and a lot less painful.

C. Wash each site well with PLAIN soap and water. (You should not use soap that contains lotion or oil.) Dry thoroughly.

D. Snap the wires onto the electrodes while they are still attached to the strip of plastic backing.

E. One by one, peel each electrode from the backing and apply it to your chest, using the placement in the illustration above.

*Please notify the CMC staff if you experience excessive skin irritation from the electrodes.

2. Starting the Pendant and Smartphone

A. Insert a fresh battery into the Pendant (see page 8), and plug and plug the other end of the cable into the top of the Pendant.

B. Press and hold the On/Off button on the side of the device as shown. The unit will blink and flash an orange light on the front. After this, a blinking green light will flash intermittently, to indicate that the unit is on.

C. Turn on the Smartphone by pressing the power button...

D. Allow the Smartphone a few minutes to run through its initialization until this Main Screen appears:

Note: The Smartphone has been configured for cardiac telemetry function only. The device has been locked down, and is not usable as a standard phone.
A “Busy” indicator may appear on the screen at different times if the Smartphone needs time to run a process, like locating the Pendant via Bluetooth communication.

E. Press the Left Soft Key on the Smartphone under Start Procedure.

F. You should have already completed these on-screen instructions. Now, press the Left Soft Key under OK to go to the next step.

G. If you have a pacemaker, please follow the instructions below. If not, skip to (G4) at the bottom of this page.

G1. Press the Right Soft Key under Change Settings.

The Settings menu pops up in the lower right portion of the display.

G2. Press the Select key to choose the Pacemaker option.

G3. Press the Down Arrow Key to highlight Yes and press Select. The menu disappears, and the screen will show, Patient has Pacemaker = Yes.

G4. Press the Left Soft Key under Accept Settings to continue.

H. A Busy indicator may appear while the Smartphone is initialized and acquires your ECG signal. Example displays are shown below:
I. When the Smartphone has recognized your ECG, the ECG waveform display disappears, and you’ll see a display similar to the following:

If you see, “Auto-Capture Suspended” on the Smartphone display, wait one hour. If the display does not change to “Monitoring,” call the Cardiac Monitoring Center for assistance.

J. Your Wireless procedure is now running. Wear the Pendant and Smartphone in a location where you are able to quickly and easily access one of the SYMPTOM buttons on either device. Protect both parts from perspiration and moisture.

Always try to keep the Pendant and the Smartphone within about 10 feet of each other.

3. Using the SAVI Wireless System

A. When you experience symptoms... While you are wearing the SAVI Wireless system, you will need to make recordings when you have symptoms that concern you, or perhaps at other times as instructed by your physician. There are two ways to record a symptom with this system.

If you think you may have a medical emergency, you should call your local Emergency Medical Services immediately.

Method #1
Press the Symptom Button in the Center of the Pendant
This is the Recommended Method.

Method #2
Select the Symptom option on the Smartphone with the Left Soft Key button.

Either method will initiate ‘Recording in Progress’ and the Smartphone’s display will show a Progress Bar.
B. When you need to make diary entries...
How to enter your Symptoms, Location, and Activity information to your ECG recording:

Symptoms can only be entered while “Recording in Progress” is displayed on the Smartphone.

B1. Using Select Options:

B1-a. Press the Left Soft Key under Select Options.

Borders above and below an item indicate that this is the option that you will be changing. In this figure, Symptoms is the option, and None is the default.

B1-b. Press the Select key to display a list of symptoms from which to choose.

B1-c. Use the Up and Down Arrow Keys to move through the list to see the full selection. Press the Select key to choose one of the items.

B1-d. Repeat the same steps to enter your Location and your Activity. When you have finished, select Save with the Left Soft Key.

B1-e. The Recording and/or Monitoring display will return.

Select Options is the preferred method, as it helps to ensure the accuracy of your information. Voice recordings can be highly variable in quality.
B2. Using Audio Diary:


(Select Options is the preferred method, as it helps to ensure the accuracy of your information. Voice recordings can be highly variable in quality, and thus difficult to understand.)

B2-b. Speak clearly and slowly into the phone, holding the phone in the same manner as when you are making a phone call.

B2-c. When you have finished your recording, hit Done with the Left Soft Key, to return to the Recording and/or Monitoring display.

C. You can resume your normal, daily activities while wearing the SAVI Wireless system:

Daily activities:
The SAVI Wireless system is intended for use during all of your daily activities (that do not involve being in water). This includes exercise, sexual activity, during periods of emotional stress, and while you are sleeping.

Showering:
Before you shower or bathe, first remove the cable from the Pendant and then unsnap the wires from your chest patches (electrodes). You can leave the patches on your chest, but avoid applying water or soap directly to them (unless you are changing your patches-- then getting them wet might make them easier to remove).

Sleeping:
Some suggestions for sleeping:
1. Wear the Pendant on the waistband of your night clothing.
2. Place the Pendant beside you with wires extended as much as possible so that you don’t roll over the unit.
3. Wear a large, button-down shirt with a breast pocket and place the Pendant in the pocket.

When sleeping, connect the Smartphone to its charger, and place it on a table next to your bedside. (See page 9.)

D. You’ll see the following indicators at the bottom of the Smartphone display:

<table>
<thead>
<tr>
<th>SP Batt</th>
<th>BT</th>
<th>ECG Data</th>
<th>Pd Batt</th>
</tr>
</thead>
<tbody>
<tr>
<td>100%</td>
<td></td>
<td></td>
<td>75%</td>
</tr>
</tbody>
</table>

**SP Batt** - Battery strength of the Smartphone

**BT** - Communication between Pendant and Smartphone is present (devices use Bluetooth (“BT”) technology), and a blue light blinks intermittently around the Pendant’s Symptom button.

**ECG Data** - Pendant is sending your ECG data to the Smartphone; it is normal to see this indicator only periodically.

**Pd Batt** - Battery strength of the Pendant
**E.** You can call the CMC and 9-1-1 directly from the Smartphone. First, press the Right Soft Key under Call.

To call the CMC, press Select.

To call 911, press the Down Arrow Key to highlight Call 911, then press Select.

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### 4. Powering the Pendant and Smartphone

The Pendant Runs on One, AA Battery that Needs to be Replaced Periodically.

The Smartphone Must be Charged Using the Charger that is Enclosed in Your Wireless Kit.

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### Changing the Battery in the Pendant

The Smartphone will alert you when the Pendant’s battery needs to be changed. The Pendant will also beep periodically when its battery is running low. Please follow the steps below when replacing the Pendant’s battery:

*The Pendant is designed to operate with one, AA alkaline battery ONLY.*

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**DO NOT** remove the battery from the Pendant while it is turned on, as this may result in damage to the Pendant and loss of ECG data. Always turn the unit off, or allow the battery to run completely down before removing the battery.

The battery compartment is located on the back of the Pendant.

**A.** Press down and push the battery door in the direction of the embossed arrows on the case.

**B.** Slide the battery door off the body of the Pendant, and pull up on the black ribbon to pop the old battery out.

**C.** Push the flat ("-" end of the AA battery into the compartment against the spring end first. Then, place the other end ("+") of the battery over the ribbon and push that end down into the compartment securely.
D. Close the battery compartment by aligning the door in the grooves on each side of the compartment. Slide the door toward the housing; the door will be secured when you hear a clicking sound.

Charging the Smartphone

The Smartphone will alert you when its battery needs recharging.

Connect the charger to the Smartphone as in the figure, and leave the phone on the charger until the charge indicator light turns to green.

Cleaning the SAVI Wireless

If needed, clean the SAVI Wireless system with isopropyl alcohol. Apply the solution sparingly, so that no liquid is allowed to seep into the unit.

Do not submerge the SAVI Wireless system in any liquid.

Ordering Supplies

The SAVI Wireless system comes with enough supplies for you to change your electrodes every 2 days. If, during your procedure, you feel that you might need more supplies, please call 1-877-996-5553.

Supplies will be shipped via Priority Mail. Please allow 2-3 business days for delivery.

Returning the SAVI Wireless

A. Place the SAVI Wireless System components in the kit:

1. Patient guide
2. Unused electrodes
3. Charger
4. You may keep any unused batteries for your personal use.*
5. Lanyard
6. Pendant Case
7. Pendant
8. Patient cable
9. Smartphone
10. Smartphone case

B. Place the kit into the pre-paid shipping envelope provided. Seal the envelope and drop it in any U.S. Mailbox.

NOTE:
If the Pendant or Smartphone has been submerged in water or other liquid, seal it in a plastic bag prior to putting it in the kit.

* Properly dispose of any used batteries.
PRECAUTIONS

A. The SAVI Wireless should be worn outside your clothing if there is any chance that perspiration might come in contact with the unit. The SAVI Wireless system should be worn beneath outer wear, such as raincoats or jackets, for protection during wet or cold conditions.

B. A lanyard is provided with the SAVI Wireless system as an optional accessory for the Pendant. The lanyard is not to be worn while sleeping.

Children wearing Pendants must be supervised by adults. People working with machinery or working in environments where loosely-hanging, rope-like objects can pose a potential threat or harm for themselves and/or the machinery are advised to use the belt clip.

**DO NOT WEAR THE SMARTPHONE WHILE IT IS CONNECTED TO THE CHARGER.**

**FEDERAL LAW RESTRICTS THIS DEVICE TO SALE OR USE BY OR ON THE ORDER OF A LICENSED PHYSICIAN.**

The Smartphone has been configured for cardiac telemetry function only. The device has been locked down, and is not usable as a standard phone.

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