Why do I need a Cardiac Event Recorder?
The Cardiac Event Recorder monitors your heart rhythm over a prescribed period. It continuously measures, records and periodically transmits cardiac data. The recorder captures any abnormal heart rhythms.

This device is used for patients who may experience cardiac related symptoms, for example:

- Palpitations
- Dizziness
- Fainting or blackouts

When experiencing a cardiac related symptom you can swipe a magnet over the surface of the PiiX recording patch which initiates a recording of your heart rhythm at that time. You do not need to stay in hospital whilst wearing the PiiX patch.

What will happen?
The PiiX recording patch is a small and light device which continuously monitors your heart rate and rhythm over a prescribed period.

You will not feel anything and there will be no pain or discomfort during the recordings.

Before the appointment
- Please inform the hospital if you have known allergies or hypersensitivities to adhesives or hydro gel.

During the appointment
- Your doctor will most likely fit the initial PiiX recording patch for you. The bottom of the PiiX has an adhesive gel which sticks the patch to your chest.
What does an Event Recorder box contain?

- PiiX devices (recording patch worn by patient)
- zLink (receiving station)
- zLink Charger
- Trigger Magnet (to swipe over PiiX patch to activate a recording)
- Carry Pouch (to carry zLink if there is not enough signal at home)
- Plug Adaptor

How do I set up the Equipment?

- Plug the zLink charger into an electrical outlet. An adaptor is provided for English and American electrical sockets.
- Place the zLink receiving station into the zLink charger. The lights will automatically come on, confirming the zLink receiving station is ON.

**Power Light**
- BLUE ON: Full charge confirmed.
- AMBER ON: Low charge warning.
- AMBER Flashing: Battery capacity less than 10%. Full charge may take up to four hours.

**Cell Light**
- BLUE: Adequate cell coverage.
- AMBER: No cell coverage.

- Move zLink to another location.

- To initiate use, charge the zLink receiving station for a minimum of four hours before removing it from the zLink charger.
- Always keep your zLink receiving station in the zLink charger overnight. With a full charge the zLink receiving station will remain on for 12 hours. Preferably the zLink receiving station should be kept within 30 feet (nine metres) of the patient. It is recommended that you keep your charger unit on a bedside table so that the zLink receiving station is within close range whilst re-charging at night.
How do I fit the device myself?

• If necessary, trim (rather than shave) chest hair in the intended area.

• Clean the skin in the intended area and allow the skin to dry. Do not place any moisturisers or creams on the area.

• Remove the PiiX patch from the foil pouch, peel back the plastic covers from the underside of the PiiX patch and apply immediately.

• Place the PiiX patch in a diagonal position, orientated with ‘Corventis’ at the top. Place it on the chest region, to the left of the breast bone and starting at the upper half of the chest (as shown in the diagram above). Avoid moles and pimples.

• The PiiX patch must be in direct contact with the skin. Once applied, press the edges firmly against the skin.

• To avoid rubbing, it is recommended that the PiiX patch be placed away from any tight-fitting undergarment.

• Each PiiX patch is worn for seven days only. Therefore if your prescribed recording time is longer than seven days, you will need to change your PiiX patch at the end of each week.
**Once Fitted**

Any serious symptoms, such as collapsing or severe palpitations, must be reported to your doctor immediately via telephone.

There are two indicators to look for on the PiiX patch:

ONE CIRCLE SYMBOL: When the green light is flashing it indicates the PiiX is successfully activated and good skin contact is achieved.

TWO CIRCLE SYMBOL: A red light will appear indicating it is necessary to remove your PiiX patch and replace it with a new one (unless your prescription has ended).

- The PiiX patch is water resistant and therefore showering is possible.

**However, it is NOT waterproof and should not be submerged in water.**

- Once the PiiX patch is correctly positioned onto the chest and you have returned home, you must ensure that the cell light on the zLink receiving station is blue. If the cell light is amber, please call your clinician as you are having problems with transmission.

**Removing the device**

Having worn the PiiX patch for seven days, a red light will be displayed on the patch, indicating that it needs to be removed. Peel back the PiiX edges and slowly and gently remove it. Rapid removal can cause skin irritation. If it does not remove easily, soak the device with water and try again. If skin irritation persists, leave the area exposed as much as possible. Consult your healthcare provider for any topical treatment options.

**Returning the equipment**

After your prescribed recording time, the zLink, zLink Charger, Carry Pouch, Trigger Magnet and Adaptor must be returned to your doctor. The PiiX patches can be disposed of as normal waste.

**Your results**

The recordings will be sent to your doctor who will call you for a further appointment if necessary.