



Affix Patient Label

Patient Name:

Date of Birth:

Informed Consent: Trans-esophageal Echocardiogram (TEE) with Electrical Cardioversion

This information is given to you so that you can make an informed decision about having **Trans-esophageal Echocardiogram (TEE) with Electrical Cardioversion**. This procedure is most often done with moderate sedation or anesthesia.

Reason and Purpose of this Procedure:

Trans-esophageal echocardiography takes a picture of your heart using an ultrasound test. This picture may show blood clots inside the heart, how well the heart valves work, and/or infection on the heart valves.

Before the test, you will receive medicine that will help you relax and prevent pain. A camera-like tube, about the thickness of a finger, is placed into your mouth and into your esophagus (the tube that connects the mouth to the stomach). Placing the camera-like tube into the esophagus provides pictures that are more detailed. The camera-like tube is able to get a better picture because it is closer to the heart. The view is not blocked by other parts of the body such as ribs and lungs.

Cardioversion can be used to treat many types of fast and/or irregular heart rhythms. A special machine is used to send electrical energy to your heart muscle to restore normal rhythm. Pads are placed on your chest. Electrical energy is delivered through these pads to your heart. The procedure brings back your normal heart rate and rhythm, allowing your heart to pump more effectively.

Benefits of this Procedure:

You might receive the following benefits. Your doctor cannot promise you will receive any of these benefits. Only you can decide if the benefits are worth the risk.

- Your heart rate may return to a normal rhythm.
- We may find out the cause of abnormal rhythm and choose the best treatment.

Risks of this Procedure:

No procedure is completely risk free. Some risks are well known. There may be risks not included in the list that your doctor cannot expect.

- **Spasm of the windpipe or reflex tightening of air passages in the lungs.** Medicine or other treatment may be needed.
- **Choking on mouth or stomach contents, resulting in breathing troubles.** Medicine or treatment may be needed. Notify the staff when you last ate or drank.
- **Death may occur.**
- **Stroke.** Rehabilitation may be needed.
- **Abnormal heart rhythms.** Fluids and medicine may be needed.
- **Skin irritation at site of cardioversion pads.** Medicine may be needed.
- **Damage to teeth, gums, or stomach.** Surgery or other treatment may be needed.
- **Reaction to the anesthetic.** The most common reactions are nausea and vomiting. In rare cases, death may occur. The anesthesiologist will discuss this with you.

Risks Associated with Smoking:

Smoking is linked to an increased risk of infections. It can also lead to heart and lung complications and clot formation.

Risks Associated with Obesity:

Obesity is linked to an increased risk of infections. It can also lead to heart and lung complications and clot formation.

Risks Specific to You:

Alternative Treatments:

Other choices:

- Pictures obtained through the chest wall.
- Medical treatment.
- Observation.
- Do Nothing. You can decide not to have the procedure.

If you Choose not to have this Treatment:

- Your symptoms may get worse.

Information on Moderate Sedation:

You will be given medicine in an IV to relax you. This medicine will also make you more comfortable. This is called “moderate sedation”. You will feel sleepy. You may even sleep through parts of your procedure. We will monitor your heart rate and your blood pressure. We will also monitor your oxygen level.

If your heart rate, blood pressure or oxygen levels fall outside the normal range, we may give medications to reverse the sedation. We may be unable to reverse the sedation. We may need to support your breathing.

Even if you have a NO CODE status:

- You may need intubation to support your breathing.
- You may need medications to support your blood pressure.

We will re-evaluate your medical treatment plan and your NO CODE status when sedation has cleared your body.

Benefits of Moderate Sedation:

You might receive the following benefits. Your doctor cannot promise you will receive any of these benefits. Only you can decide if the benefits are worth the risk.

- Less pain during the procedure
- Less anxiety or worry
- Decreasing your memory of the procedure

Risks of Moderate Sedation:

No procedure is completely risk free. Some risks are well known. There may be risks not included in the list that your doctor cannot expect. The list includes:

- Decreased breathing during the procedure and dropping oxygen levels. To help you breathe, a tube may be placed into the mouth or nose and into the trachea to help you breathe.
- Allergic reactions: nausea & vomiting, swelling, rash.
- Vomit material getting into the lungs.
- A drop in blood pressure. This needs fluids or medicine to increase blood pressure.
- Heart rhythm changes that may require medicines to treat.
- Not enough sedation or analgesia resulting in pain or discomfort.

Your physical and mental ability may not be back to normal right away. You should not drive, or make important decisions for at least 24 hours after the procedure.

General Information:

During this procedure, the doctor may need to perform more or different procedures than I agreed to.

During the procedure, the doctor may need to do more tests or treatment.

Tissues or organs taken from the body may be tested. They may be kept for research or teaching. I agree the hospital may discard these in a proper way.

Students, technical sales people and other staff may be present during the procedure. My doctor will supervise them.

Pictures and videos may be taken during the procedure. These may be added to my medical record. These may be published for teaching purposes. My identity will be protected.

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By signing this form, I agree:

- I have read this form or had it explained to me in words I can understand.
 - I understand its contents.
 - I have had time to speak with the doctor. My questions have been answered.
 - I want to have this procedure: **Trans-esophageal Echocardiogram (TEE) with Electrical Cardioversion** _____
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- I understand that my doctor may ask a partner to do the procedure.
 - I understand that other doctors, including medical residents or other staff may help with the procedure. The tasks will be based on their skill level. My doctor will supervise them.

Provider: This patient may require a type and screen or type and cross prior to procedure. If so, please obtain consent for blood/products.

Patient Signature: _____ Date: _____ Time: _____

Relationship: Patient Closest relative (relationship) _____ Guardian/POA Healthcare

Interpreter's Statement: I have interpreted the doctor's explanation of the consent form to the patient, a parent, closest relative or legal guardian.

Interpreter's Signature: _____ ID #: _____ Date: _____ Time: _____

For Provider Use ONLY:

I have explained the nature, purpose, risks, benefits, possible consequences of non-treatment, alternative options, and possibility of complications and side effects of the intended intervention, I have answered questions, and patient has agreed to procedure.

Provider signature: _____ Date: _____ Time: _____

Teach Back:

Patient shows understanding by stating in his or her own words:

_____ Reason(s) for the treatment/procedure: _____

_____ Area(s) of the body that will be affected: _____

_____ Benefit(s) of the procedure: _____

_____ Risk(s) of the procedure: _____

_____ Alternative(s) to the procedure: _____

OR

_____ Patient elects not to proceed: _____ Date: _____ Time: _____

(Patient signature)

Validated/Witness: _____ Date: _____ Time: _____