

# WHAT IS AN EP STUDY?

An electrophysiology study (EPS) is a minimally invasive procedure that is used to check the heart's electrical system and identify any arrhythmias, particularly those that could cause cardiac arrest.

# WHAT IS AN EP STUDY USED FOR?

The study may be used to:

- Determine the type, number, and location of arrhythmias that are causing symptoms.
- Evaluate if you need a pacemaker or implantable cardiac defibrillator (ICD).
- Check how well any current medicines are working to treat your arrhythmias.



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# EP STUDY

Informational  
Pamphlet

## **PRE-PROCEDURE INSTRUCTIONS:**

- Do not eat for 6-8 hours, or the night before the procedure.
- Notify Dr. Yoo about any medications you are taking.
- Have a friend or family member drive you to and from your procedure.

## **POST-PROCEDURE INSTRUCTIONS:**

- Do not drive for 24 hours after the procedure.
- Keep the insertion site clean and dry.
- Refrain from strenuous activity for at least 24 hours.
- Follow specific care instructions given by Dr. Yoo.

## **WHAT HAPPENS DURING AN EP STUDY?**

In the hospital, Dr. Yoo will insert 3-5 small, thin tubes called electrode catheters, into a vein near your groin that leads to the heart. The catheters will move up the vein and feed into the heart.

Once the catheters are in the heart, they will use small electrical signals to measure and record the heart's electrical signals. This allows Dr. Yoo to map the electrical activity of the heart and find any abnormal heart rhythms that may be causing symptoms.

This procedure takes 2-4 hours and you will be in observation for 2-4 more hours.

## **ADDITIONAL RESOURCES:**

For more information, please refer to your surgical booklet.

You may also refer to these websites:

[www.mayoclinic.org](http://www.mayoclinic.org)



[www.heart.org](http://www.heart.org)

