



# Cardiology-Medical PPT Templates

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# Agenda Style

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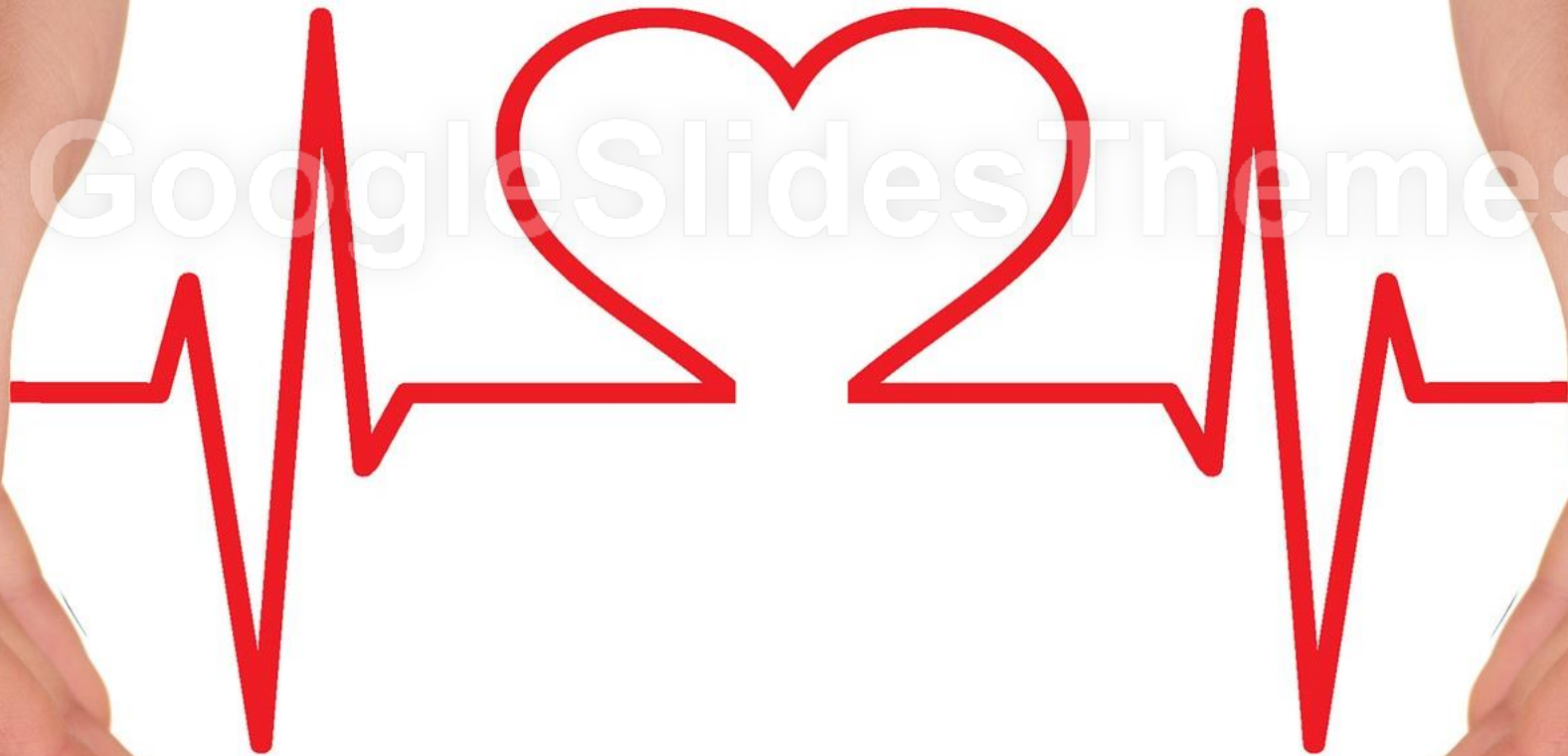
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# Section Break

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# Our Team



**Johnson**

**Designation**

Easy to change colors,  
photos and Text.



**Ontonia**

**Designation**

Easy to change colors,  
photos and Text.



**Jonas**

**Designation**

Easy to change colors,  
photos and Text.



# What is cardiology?



Cardiology is the study and treatment of disorders of the heart and the blood vessels. A person with heart disease or cardiovascular disease may be referred to a cardiologist.



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# When would I need a cardiologist?

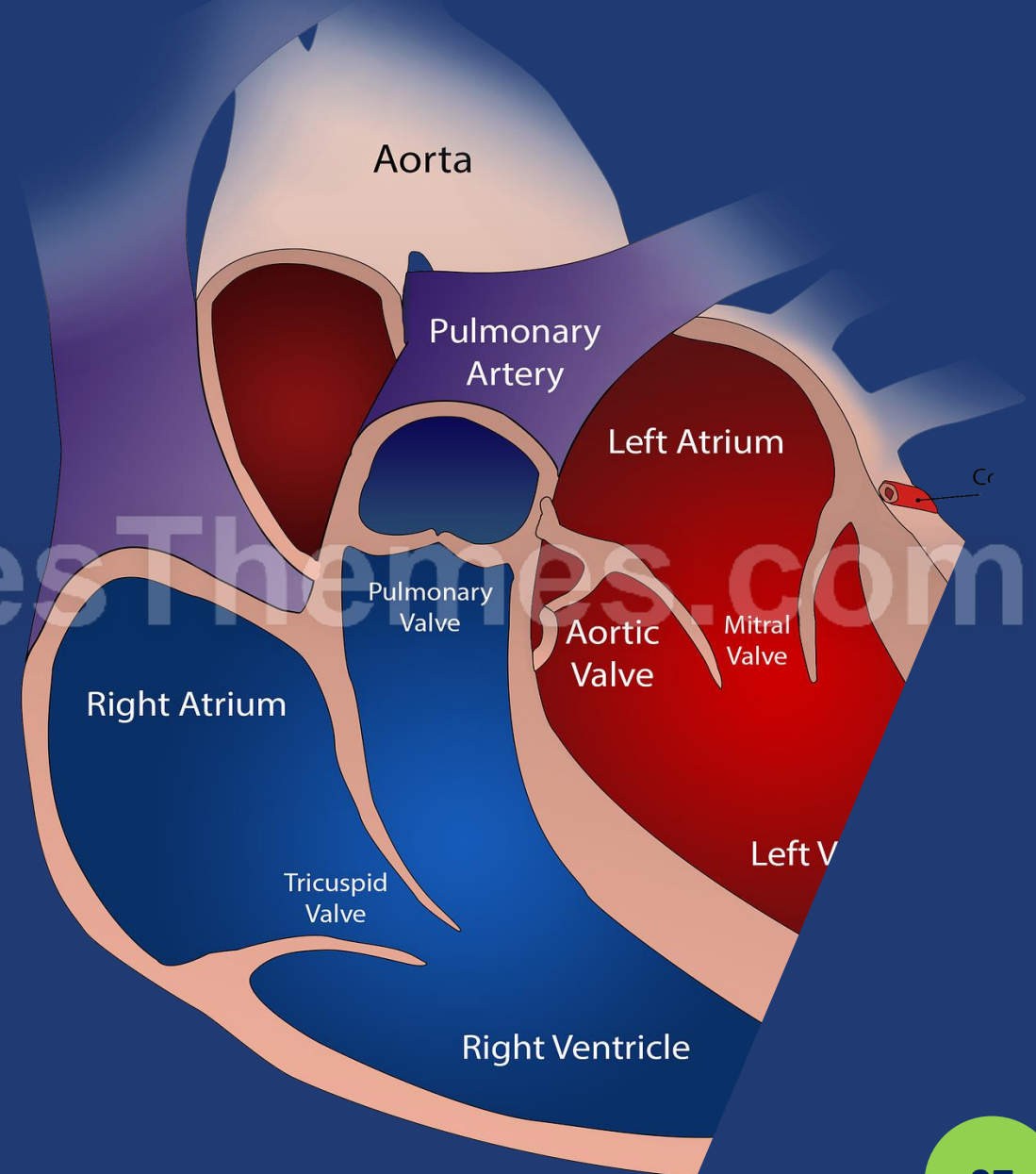
- If a person has symptoms of a heart condition, their physician may refer them to a cardiologist.

Symptoms that can indicate a heart problem include:

- ❖ shortness of breath
- ❖ dizziness
- ❖ chest pains
- ❖ changes in heart rate or rhythm
- ❖ high blood pressure

# What does cardiology involve?

➔ A cardiologist will review a patient's medical history and carry out a physical examination. They may check the person's weight, heart, lungs, blood pressure, and blood vessels, and carry out some tests. An interventional cardiologist may carry out procedures such as angioplasties, stenting, valvuloplasties, congenital heart defect corrections, and coronary thrombectomies.



# Tests for Cardiology



## Electrocardiogram (ECG or EKG)

This records the electrical activity of the heart.

## Ambulatory ECG

This records heart rhythms while the person carries out exercise or their regular activities.



## Nuclear cardiology

Nuclear imaging techniques use radioactive materials to study cardiovascular disorders.



## Cardiac catheterization

A small tube in or near the heart collects data and may help relieve a blockage.



## An exercise test, or stress test

This shows the changes of heart rhythm when resting and exercising.

## Echocardiogram

This provides an ultrasound picture that shows the structure of the heart chambers.



# Cardiac electrophysiology

- Cardiac electrophysiology is a subspecialty of cardiology. The physician looks at how electric currents inside the heart muscle tissue work, how the current spreads, and what the pattern of the currents mean.
- Electrophysiology study (EPS) of the heart: in this test, a catheter is threaded into a vein at the top of the leg. Guided under fluoroscopy, it makes its way to the heart. The catheter measures the electrical signals within the heart. An EPS of the heart can:
  - ❖ help to show what is causing symptoms
  - ❖ help decide if a patient needs a pacemaker
  - ❖ help decide the best treatment for patients with arrhythmia, or abnormal heart rhythm





**Thank You**

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