

ASTANA MEDICAL UNIVERSITY
DEPARTMENT OF ENGLISH

Work of cardiologist

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Job Description of a Cardiologist

- A cardiologist diagnoses and treats patients with cardiac and cardiovascular problems. This includes consulting patients about their symptoms, conducting tests and surgeries, and prescribing treatments for current conditions. Most cardiologists work full time with irregular long hours. This role is usually performed in a hospital, although some cardiologists may have to travel between hospitals or medical centers to care for patients or perform surgical procedures. This role is well suited for people who are compassionate, have strong communication skills and work well in a team.

Duties and Responsibilities

- Discuss symptoms and treatment with patients.
- The main role of cardiologists is to consult with patients in order to better understand their symptoms and health problems so that they can prescribe treatment and organize tests or operations when necessary.
- Patient Data Document
- Cardiologists keep detailed records of each patient's visit so that, if necessary, you can view the current record of each patient's data. This includes any comments from assignments, assigned procedures, and test results.
- Conduct tests
- Cardiologists conduct various tests to test the patient's heart, from tests for pulmonary hypertension to heart biopsy. They are always carried out under sterile conditions in accordance with strict rules of confidentiality and health and safety, which must be adhered to by all medical professionals.

Also

- **Perform surgical procedures**
- If necessary, cardiologists perform cardiovascular surgeries for the patient's health. This may include installing a pacemaker or more complex surgical procedures that require several team members and long hours.
- **Provide medical imaging**
- Sometimes cardiologists use medical imaging equipment to identify and treat cardiovascular diseases in order to avoid invasive procedures, if possible. This includes the use of CT and MRI scanners to isolate any illness or health problem that can be treated accordingly.

Heart diseases that a cardiologist can help with include:

- Atherosclerosis
- Atrial fibrillation
- Arrhythmia
- Congenital heart defect
- coronary heart disease
- congestive heart disease
- high cholesterol and triglycerides in the blood
- hypertension
- pericarditis
- ventricular tachycardia
- high blood pressure or hypertension

They can also conduct or order tests, as follows:

- ❑ Electrocardiogram (ECG): records the electrical activity of the heart.
- ❑ Exercise test or stress test: shows changes in heart rhythm at rest and exercise. It measures the performance and limitations of the heart.
- ❑ Echocardiogram: This gives an ultrasound image that shows the structure of the chambers of the heart and surrounding areas, and it can show how well the heart works.
- ❑ Heart catheterization: a small tube in or near the heart collects data and can help eliminate blockage.
- ❑ Nuclear cardiology: nuclear imaging techniques use radioactive materials to study cardiovascular disorders and diseases in a non-invasive way.



□ Thank You For Attention