

# *Common causes of chest pain*

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(I) **Cardiac chest pain:**

- a. **Ischemic** eg. coronary artery disease, hypertension, pulmonary hypertension, aortic stenosis or regurgitation, hypertrophic cardiomyopathy, arrhythmias, congenital heart disease, severe anemia, severe hypoxia, polycythemia etc.
- b. **Nonischemic** eg. aortic dissection or aneurysm, pericarditis, mitral valve prolapse, myocarditis, cardiomyopathy etc.

(III) **Non-Cardiac chest pain:**

a. **Pulmonary causes** eg. pulmonary embolism, pneumothorax, pneumonia, pleuritis, pulmonary hypertension, intrathoracic tumors etc.

b. **Gastrointestinal causes:** eg. diffuse esophageal spasm, gastroesophageal reflex, esophageal tear or rupture, esophagitis, peptic disease, pancreatitis, gallbladder disease, splenic infarction etc.

- c. **Neuromusculoskeletal causes** : eg. thoracic outlet syndrome, costochondritis (Tietze syndrome), trauma or strain, malignancy, polymyalgia, fibromyalgia, herpes zoster etc
- d. **Psychiatric causes**: eg. depression, anxiety, panic, malingering
- e. **Other causes** : eg. cocaine, diabetes mellitus, uremia, renal stones, mediastinitis etc