

## 👉 Left-sided heart failure ❤️

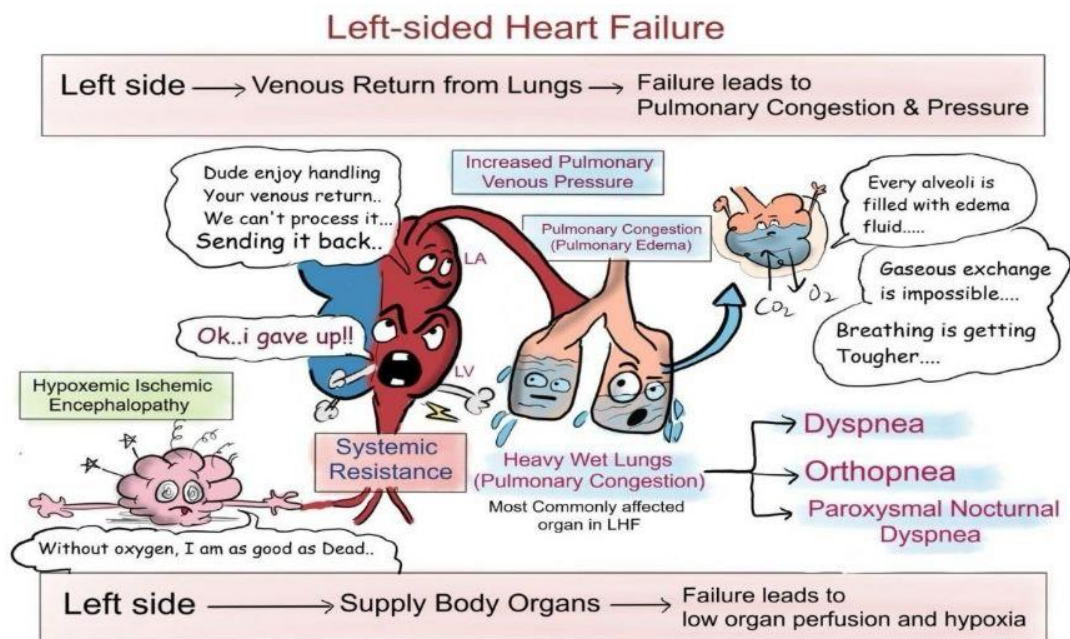
### 👤 Causes

ischemic heart disease, myocardial infarction, but 👉 hypertension are most common 😊. dilated cardiomyopathy, and restrictive cardiomyopathy.

### 👤 Clinical features

Clinical features are due to **decreased forward perfusion** and **pulmonary congestion**.

- ♦ **Dyspnea**, **syncope**, **Early Fatigue**, **dizziness**
- ♦ Pulmonary congestion leads to ➡ pulmonary edema.
- ♦ paroxysmal nocturnal dyspnea (due to increased venous return when lying flat),
- ♦ Supine dyspnea that is relieved by sitting up, known as **orthopnea**.
- ♦ crackles.



👉 **orthopnea** is a specific sign of advanced left-sided heart failure.