

Pharmacology

Pharmacy Department

4th Grade

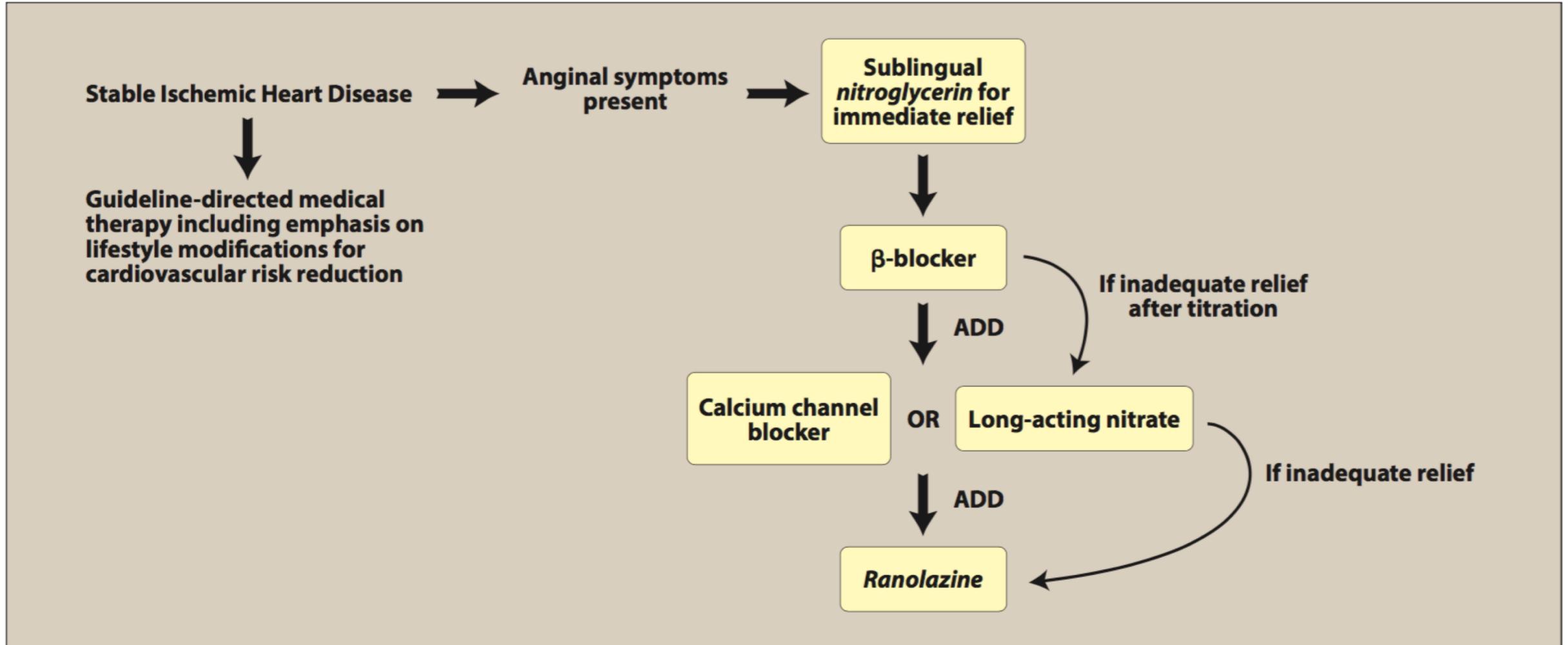
Antianginal Drugs

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Angina overview:

- **Atherosclerotic disease of the coronary arteries**, also known as **coronary artery disease (CAD)** or **ischemic heart disease (IHD)**, is the most common cause of mortality worldwide.
- **Atherosclerotic lesions** in coronary arteries **can obstruct blood flow, leading to an imbalance in myocardial oxygen supply and demand** that presents as stable **angina** or an **acute coronary syndrome (myocardial infarction [MI] or unstable angina)**.
- **Spasms of vascular smooth muscle** may also impede cardiac blood flow, reducing perfusion and causing ischemia and anginal pain.
- **Typical angina pectoris** is a characteristic sudden, severe, crushing chest pain that may radiate to the neck, jaw, back, and arms. Patients may also present with dyspnea or atypical symptoms such as indigestion, nausea, vomiting, or diaphoresis.

Treatment algorithm for improving symptoms in patients with stable angina:



*Thank
you!*