Arrhythmias

Definition:

- Irregular heartbeat → electrical signals that coordinate the heart's beats don't work properly
- *Tachycardia:* fast heartbeat/over 100BP (★)
- *Bradycardia:* slow heartbeat/under 60BPM

Risk factors/causes:

- *Structural:* increasing age, males, hypertension, valvular heart disease, heart failure, cardiomyopathies, congenital heart disease, hyperthyroidism, diabetes, myocarditis, pulmonary disease, post-s-urgical state, obesity, alcohol
- *Electrical:* Channelopathies, genetic factors, lone (idiopathic) AF, autonomic imbalance

Pathophysiology & mechanism:

- ↓in effectiveness of heart contractions
- Deficient or altered blood flow & tissue perfusion

Signs & symptoms:

- Light headedness
- Fainting (possible)
- Palpitations
- Cardiac arrest (if severe)
- Fatigue
- SOB
- Chest discomfort

Treatment: Medication, lifestyle change, invasive therapies, electrical devices, or surgery

Valvular disease

Definition:

Risk factors/causes:

Pathophysiology & mechanism:

Signs & symptoms:

Complications:

Treatment:

Arrhythmias (copy)

Definition:

Risk factors/causes:

Pathophysiology & mechanism:

Signs & symptoms:

-

Complications:

Treatment:

Sponsored by **Readable.com**
Measure your website readability!
https://readable.com