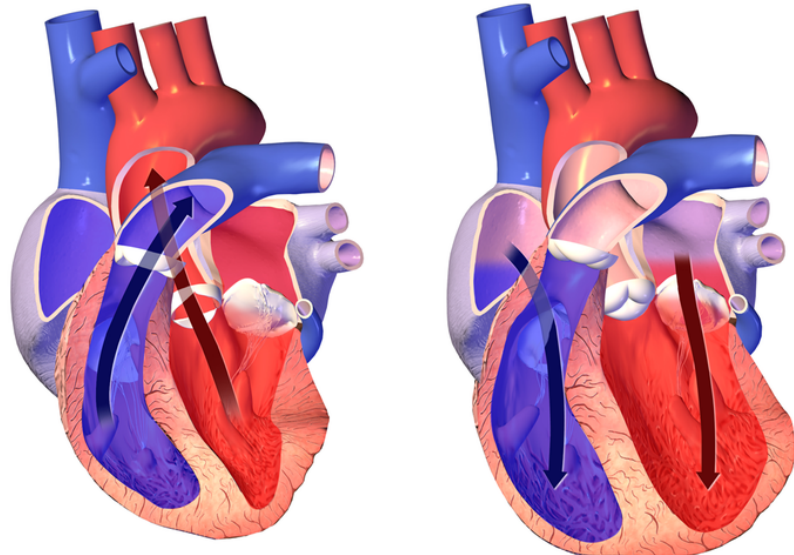


Cardiac Cycle

The performance of the heart from the start of one heartbeat to the next

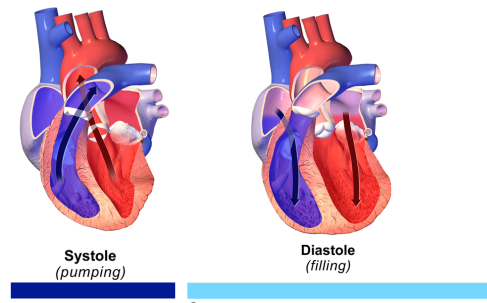


Systole
(pumping)

Diastole
(filling)

Ventricular
Contraction

Ventricular
Relaxation

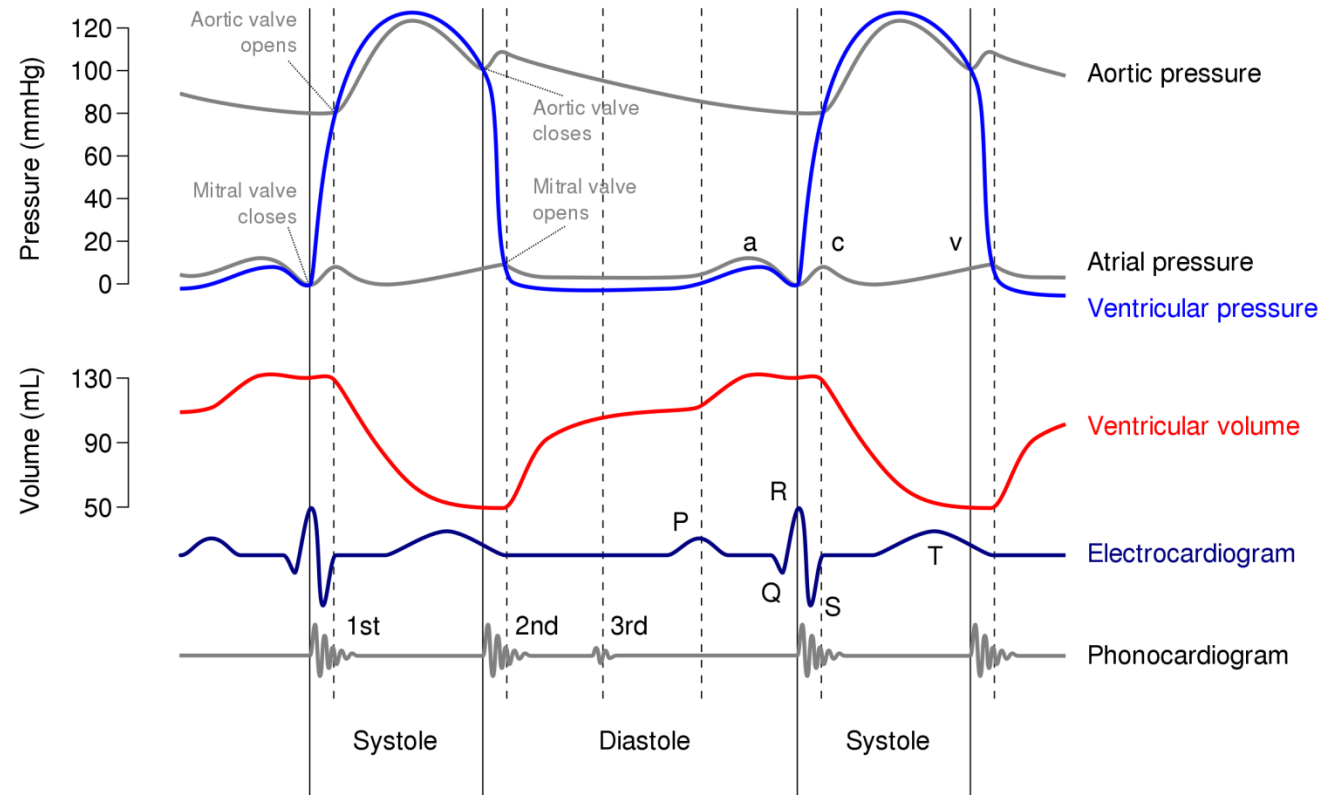


Systole
(pumping)

Diastole
(filling)

Isovolumic contraction
Ejection
Isovolumic relaxation
Rapid inflow
Diastasis
Atrial systole

Coordinated changes in:



Pressure

Volume

Electrical
Activity

Electrocardiography

EKG's reveal the sum of all electrical potentials (pacemaker, cardiac), across the heart during a cardiac cycle

