Cardiac Drugs

Afterload ➔ ↑SV ➔ ↑CO
(reresistance the heart pumps against)

Thick Blood
↓ platelet aggregation
↓ clotting

Too Much Fluid
↓ Diuretics
↓ Reduce Na reuptake in Kidney

Blood vessels dilate
↓ ACE inhibitors
↓ blood vessels dilate

Vessels are too constricted
↓ Dilate vessels
↓ antihyperlipidemias
↓ statins

too much lipid in vessels or blood

ionotropy (contractility)

chronotropy (Heart Rate)

Ca^{2+} causes muscle contraction

alter ion channels to either let more/less ions flow

alter ion permeability in heart muscle

Na^{+} ➔ T

Ca^{2+} Pumps

Fast Ca^{2+}

↓ contractility

K^{+}

↓ contractility