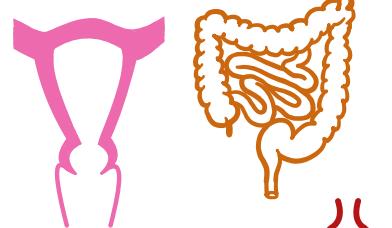


TYPES OF SHOCK AND CAUSES / PATHOPHYSIOLOGY

HYPOVOLMIC SHOCK ()

- HEMORRHAGE LOSS



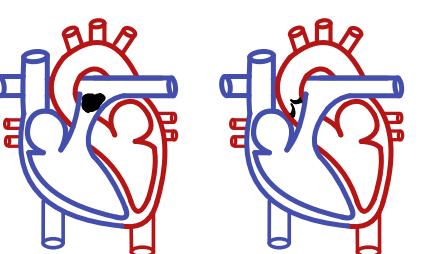
- NON HEMORRHAGE LOSS



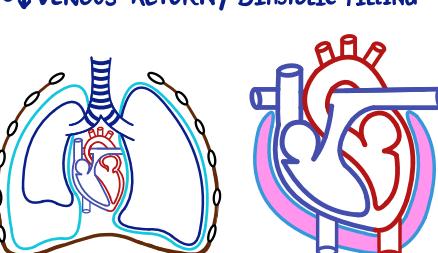
KIDNEY

OBSTRUCTIVE SHOCK ()

- ↑RV AFTERLOAD

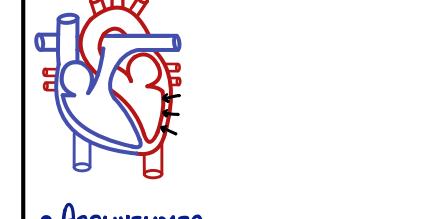


- ↓ VENOUS RETURN / DIASTOLIC FILLING

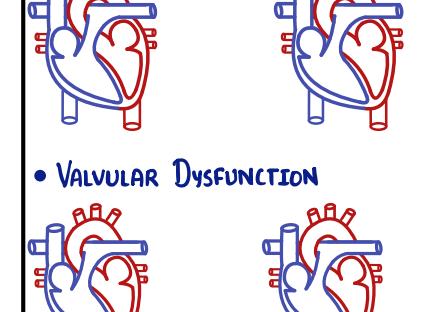


CARDIogenic SHOCK ()

- MYOCARDIAL DYSFUNCTION

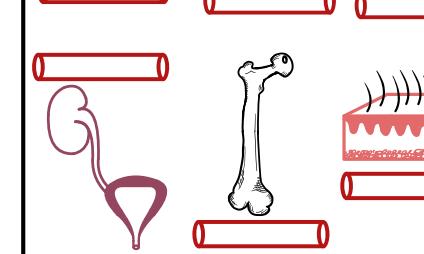
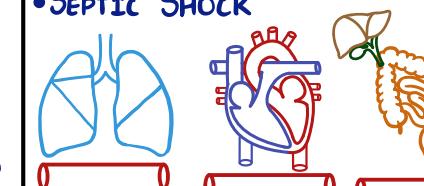


- ARRHYTHMIA ↑↑HR



DISTRIBUTIVE SHOCK ()

- SEPTIC SHOCK

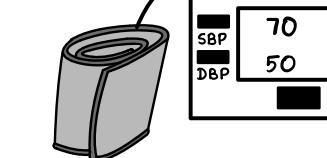


- ANAPHYLACTIC SHOCK

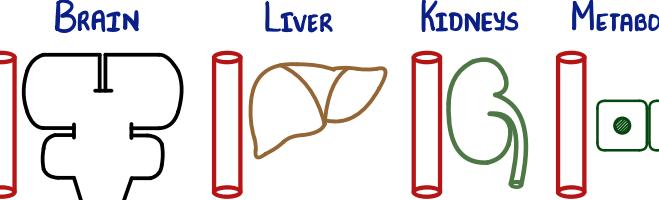


FEATURES AND COMPLICATIONS OF SHOCK

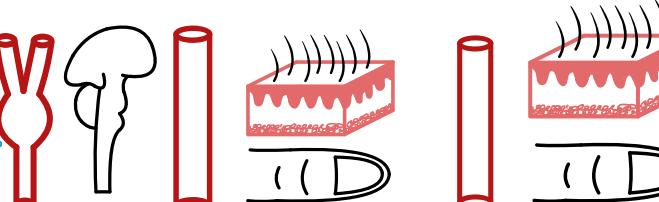
BP



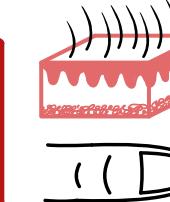
END ORGAN DYSFUNCTION



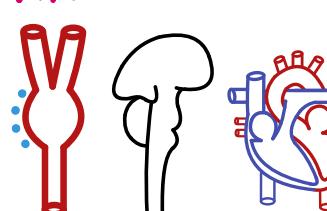
COLD SHOCK



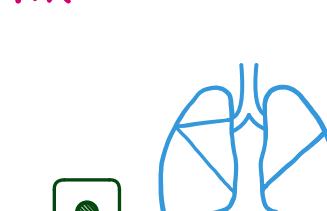
WARM SHOCK



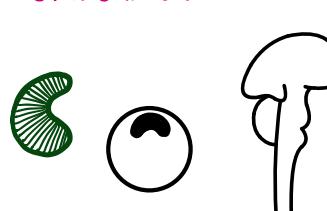
HR



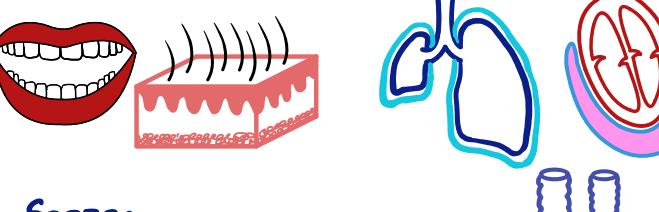
RR



TEMPERATURE



HYPOVOLEMIC



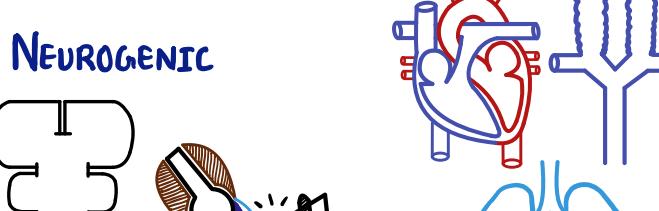
OBSTRUCTIVE



ANAPHYLACTIC



CARDIOGENIC

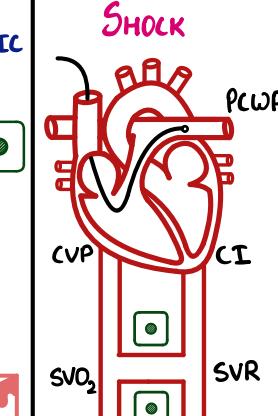


NEUROGENIC



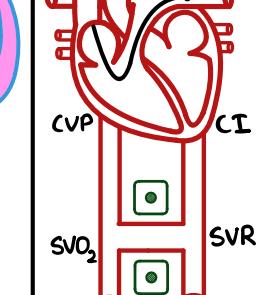
HEMODYNAMIC PARAMETERS

HYPOVOLMIC SHOCK

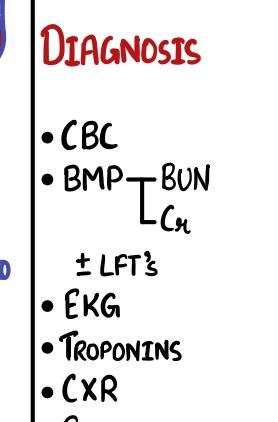


CARDIAC TAMPONADE
→ PCWP

CARDIogenic SHOCK



DISTRIBUTIVE SHOCK



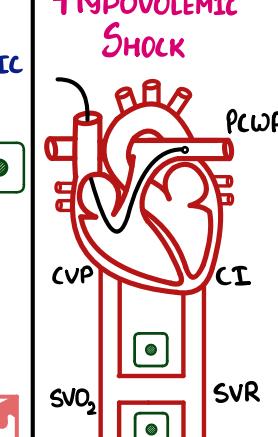
DIAGNOSIS

- CBC
- BMP
- ± LFT's
- EKG
- TROPONINS
- CXR
- ECHO
- CULTURES / UA
- LACTATE

BUN Cr

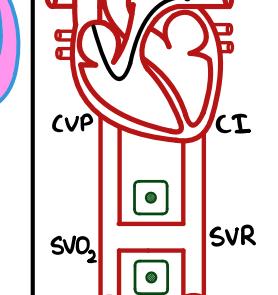
↓HR ↓SV ↓CO

OBSTRUCTIVE SHOCK

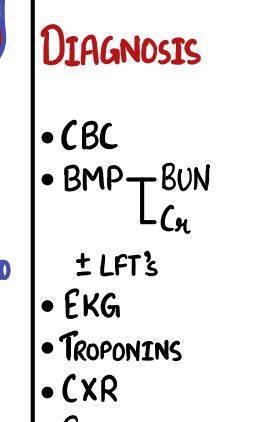


TENSION PTX

TAMPOONADE



ANAPHYLACTIC SHOCK



RELAX AIRWAYS

-EPI → IM / IV

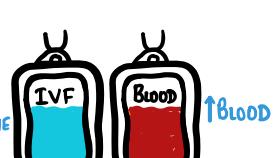
↑TSV -EPI → IM / IV

KILL BUGS

TCO

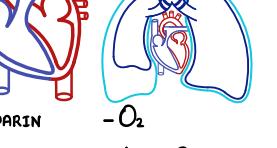
TREATMENT OF SHOCK

HYPOVOLMIC SHOCK



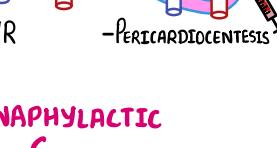
↑VOLUME
• TREAT CAUSE

CARDIogenic SHOCK



↑CONTRACTILITY
-DOPAMINE
-Milrinone
-NE/Epi

OBSTRUCTIVE SHOCK



• TREAT CAUSE
-MI
-TPA
-Embolectomy
-Chest Tube

SEPTIC SHOCK



↑TSV
-NE
-EPI

ANAPHYLACTIC SHOCK



MAST CELLS /
-HISTAMINE
-ANTIHISTAMINES
-STERIODS

NEUROGENIC SHOCK

↑HR
-ATROpine
-EPI

Juli. G

NINJA NERD