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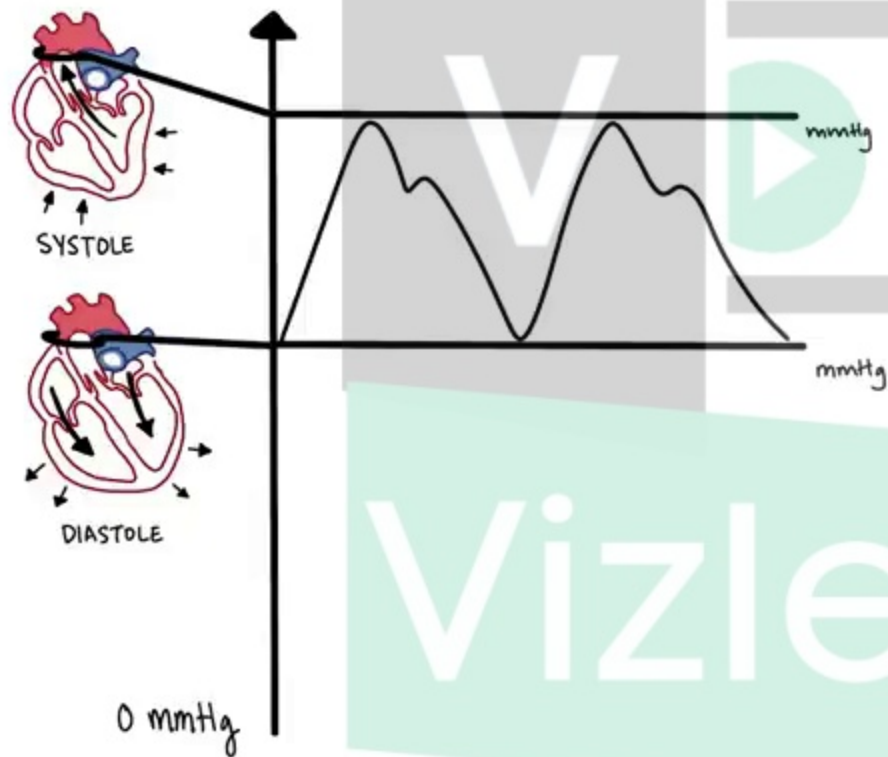
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INVESTIGATIONS



- FULL BLOOD COUNT
 - ↳ DROP IN HEMOGLOBIN & WHITE CELL COUNT
- URINALYSIS
 - ↳ WHITE CELLS

- COAGULATION STUDIES

- ARTERIAL & VENOUS BLOOD GAS
 - ↳ ACIDOSIS
 - ↳ HYPERLACTATEMIA

- ECG (ELECTROCARDIOGRAM)

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HYPVOVOLAEMIC



DISTRIBUTIVE



CARDIOGENIC



OBSTRUCTIVE



HEART PUMPING BLOOD

CO

NORMAL CIRCULATION

VESSELS CONTRACTING
OR DILATING TO MAINTAIN

NORMAL BP TO
MAINTAIN ORGAN
PERFUSION

TPR = MAP

- COMBINED SHOCK = WHEN MORE THAN ONE SHOCK IS PRESENT
- UNDIFFERENTIATED SHOCK = WHEN SHOCK IS RECOGNIZED BUT CAUSE IS NOT CLEAR

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CARDIOGENIC

↳ FAILURE TO PUMP BLOOD AROUND THE BODY



1 CARDIOMYOPATHIC

- PROBLEMS WITH HEART MUSCLE (MYOCARDIUM)
 - ↳ MYOCARDIAL INFARCTION & ISCHAEMIA
 - ↳ MYOCARDIAL DEPRESSION
 - ↳ MYOCARDITIS

2 ARRHYTHMIC

- PROBLEMS WITH HEART RATE OR RHYTHM
 - ↳ ATRIAL & VENTRICULAR TACHYARRHYTHMIAS
 - ↳ ATRIAL & VENTRICULAR BRADYARRHYTHMIAS



3 MECHANICAL

- PROBLEMS WITH HEART STRUCTURE
 - ↳ VALVE INSUFFICIENCIES OR DEFECTS
 - ↳ AORTIC DISSECTION OR ABSCESS
 - ↳ VENTRICULAR SEPTAL DEFECT
 - ↳ VENTRICULAR RUPTURE
 - ↳ TUMOUR

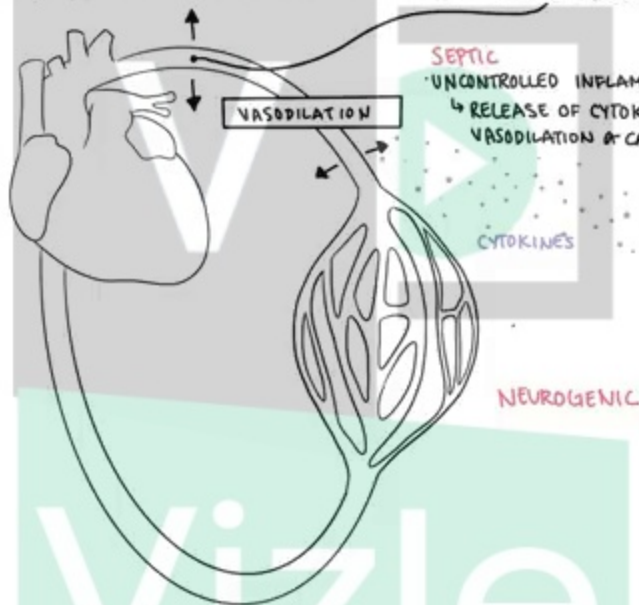


4 OTHER

DISTRIBUTIVE

SYSTEMIC-WIDE VASODILATION WHERE INTRAVASCULAR VOLUME IS REDIRECTED TO THE INTERSTITIAL SPACE

ANAPHYLACTIC



NEUROGENIC





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