

# Pathophysiology of Shock

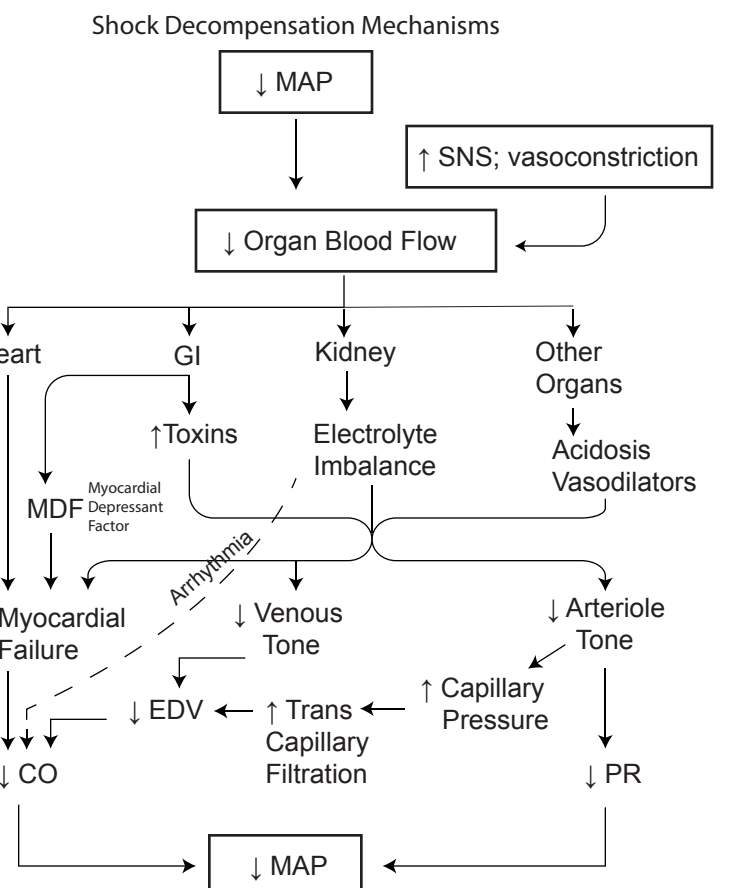
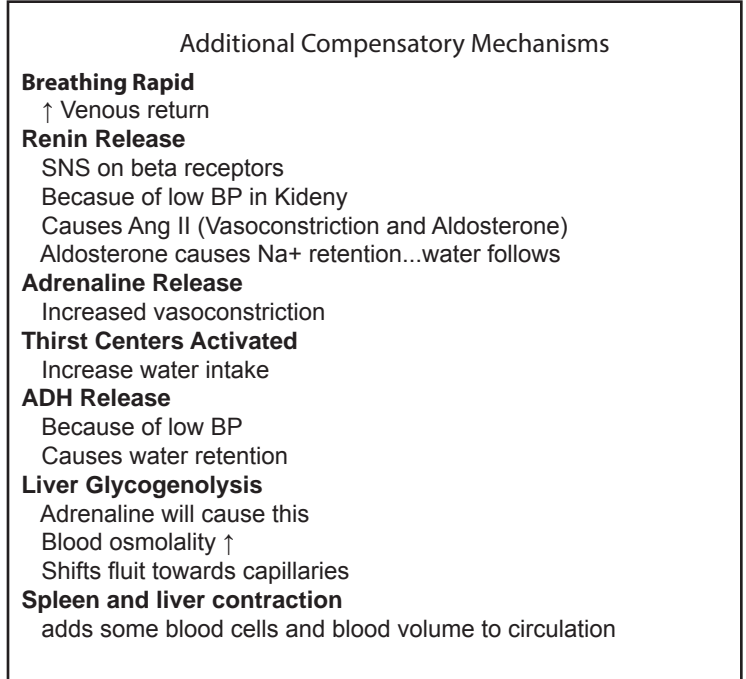
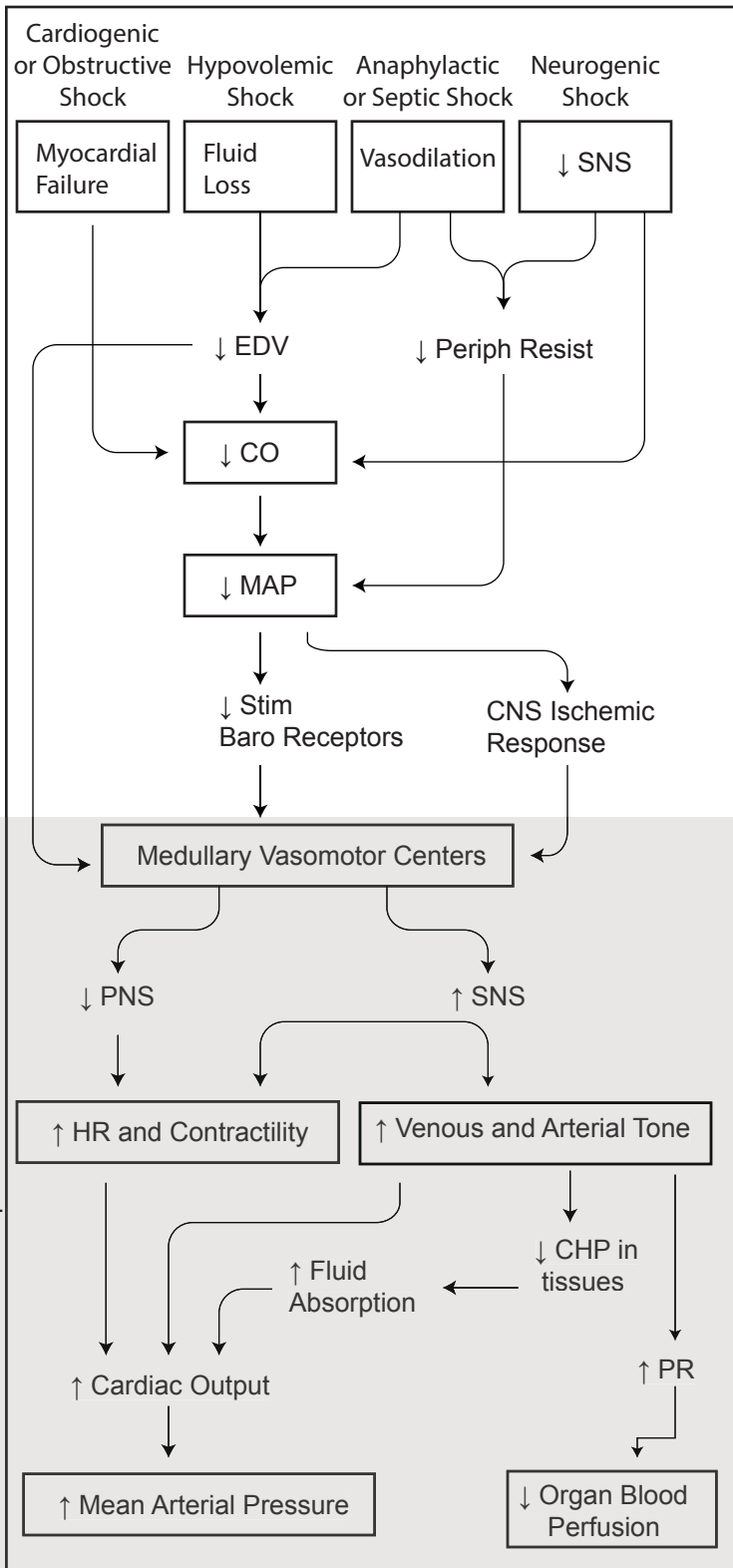
**Definition:** Severe ↓ of blood flow to body tissue. A hypotension state that results in tissue hypoxia

## Types of Shock

Hypovolemic: Loss of blood, plasma or extracellular fluid  
 Cardidogenic: Myocardial damage, Arrythmias, Valve issues.  
 Obstructive: Obstruction to inflow or outflow  
 Distributive  
 - Neurogenic: Loss of SNS tone  
 - Anaphylactic: Immunologic onset of vasodilation (histamine)  
 - Septic Shock: Immunologic onset, Inflammatory substances

## Stages of Shock

Compensatory: Physiological mechanisms kick in to counter the hypotensive state.  
 Progressive (Decompensation): Compensation is failing and the hypotensive state is worsening  
 Refractory: Organ failure and irreversible



Compensation