

# Shock

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# Shock

Acute disorder of circulatory system with low perfusion of oxygenated blood to the tissues- leads to tissue hypoxia

Reversible

Irreversible

# Shock

Hypovolemic

Cardiogenic

Septic

Anaphylactic

Neurogenic

# Hypovolemic shock

Blood loss, serious burns, vomiting, diarrhoea, polyuria, bowel obstruction

# Cardiogenic

Myocardial infarction, acute heart failure, severe arrhythmia

# Septic shock

- endotoxins cause vasodilatation

# Anaphylactic shock

- sever allergic reaction

# Neurogenic shock

Head injuries

Spinal cord injuries

Intoxication

- extreme dilatation of vessels in CNS

# Signs

Confusion, apathia, pale skin  
sweating, rapid pulse (120- 160 /min)  
rapid and shallow breathing  
thirst, unconsciousness

BP under 90 mm Hg of systole

Septic shock

Fever, shivering

Cardiogenic shock

Dyspnoea, cyanosis,

Full veins in the neck region

Anaphylactic shock

Nausea, vomiting, dyspnoea,  
tachycardia, unconsciousness



# First aid

Stop bleeding

Adrenalin in anaphylactic shock

Raising of legs

Autotransfusion position

Fowler position in cardiogenic shock

Principles:

rest, warm, fluids, alleviating of pain,  
transport