

SHOCK

Definition:

shock is a term used to define acute circulatory failure with critical impairment of tissue perfusion resulting in generalized cellular hypoxia.

✓ it may occur when the Function of heart is impaired or when the heart is filled inadequately.

✓ Shock is a condition of hypotension followed by impaired tissue perfusion and either cardiac output.

The end result are

- 1) Hypotension cause tissue perfusion
- 2) cellular hypoxia
- 3) death

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Etiology:

The shock may be due to

- 1) Hypovolemia
(decrease bld volume)
It may be due to hemorrhage, excessive lose of fluids due to diarrhea, vomiting
- 2) Peripheral vasodilation (this cause reduction in effective bld volume and resulting in decrease cardiac output)

Types:

- 1) Cardiogenic shock: