

NORMAL SALINE
(0.9% Sodium Chloride)
NS

PHARMACOLOGIC CLASSIFICATION:

-isotonic crystalloid solution

MECHANISM OF ACTION:

-NS acts as a replacement for water and electrolytes

-since the solute concentration is roughly equivalent to that within the cell, there is neither swelling nor shrinking of the cell

INDICATIONS:

-hypovolemia

-shock

-dehydration

-diabetic ketoacidosis

-heat stroke

-heat exhaustion

DOSAGE:

-rate of infusion depends on circumstances

-IV may be run wide open for shock or hypovolemia

-IV may be run TKO if being used as an access line for medication

CONTRAINDICATIONS:

-no true contraindications

SIDE EFFECTS:

-circulatory overload