

## AA. Sodium Chloride (0.9%) (Normal Saline)

- I. Classification
  - Isotonic Crystalloid Agent
- II. Actions
  - Expands vascular volume.
- III. Indication
  - Dehydration
- IV. Contraindications
  - Acute Pulmonary Edema / Congestive Heart Failure
- V. Adverse Effects
  - A. Pulmonary
    - Pulmonary Edema
- VI. Administration
  - A. Adult
    - Bolus Therapy : 250-1000 ml IV/IO. Titrate to effect.
    - Hypothermia : 1000 ml IV/IO chilled saline, wide open initial dose.
  - B. Pediatric
    - Bolus Therapy : 20 ml/kg IV/IO as per guideline, titrate to effect.
- VII. Onset
  - Immediate