**Maintenance IV Fluids Plan**
<= CLICK ICON to review Maintenance IV Fluids Algorithm

**INCLUSION CRITERIA:** Patients needing maintenance IV fluid therapy, age 28 days to 18 years, that are surgical (post-operative) and medical patients in critical care settings and on the general inpatient ward.

**EXCLUSION CRITERIA:** Patients with neurosurgical disorders, congenital or acquired cardiac disease, hepatic disease, cancer, renal dysfunction, diabetes insipidus, voluminous watery diarrhea, severe burns, neonates < 28 days or in the neonatal intensive care unit (NICU), or adolescents > 18 years of age

**Continuous Infusions**
- NS BOLUS
  - 20 mL/kg IV ONCE, STAT
  
  Suggested hourly maintenance fluid rate is: 4 mL/kg for the first 10 kg, 2 mL/kg for each kg between 10 and 20 kg, then 1 mL/kg for every kg over 20 kg.

  **NOTE:** Consider contraindications to potassium infusion prior to ordering potassium-containing fluids.

- D5NS + potassium chloride 20 mEq/liter
  
- D5NS
  
  IV, routine

**Nursing**
- Measure weight
  
  *once a day, while on IV fluids, use same scale*

- Strict I&O