

Disclaimer: The following SAMPLE Plan/Order Set is intended to be utilized with children that are not volume depleted

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

Suggested daily maintenance fluid rate is 1500 ml/m²/day; alternative may include an hourly rate of 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.

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

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

- D5NS "NO potassium chloride"
IV, routine

Nursing

- Measure weight
once a day, while on IV fluids, use same scale
- Strict I&O