

Eligibility Criteria

Inclusion Criteria



- Age 2 months to <18 years
- Suspected septic shock
 - Parenteral antibiotics
 - Blood culture
 - 20 mL/kg for abnormal perfusion or hypotension

OR

- Initiate sepsis pathway
- Expect >1 fluid bolus

Exclusion Criteria



- Receipt of >40 mL/kg fluid (or unverified volume)
- Clinician judgment not safe
 - *Suspected* brain herniation
 - *Known* hyperkalemia, hypercalcemia
 - *Known* hepatic, renal failure
 - *Known* metabolic or mitochondrial disease
- *Known* pregnancy, fluid allergy