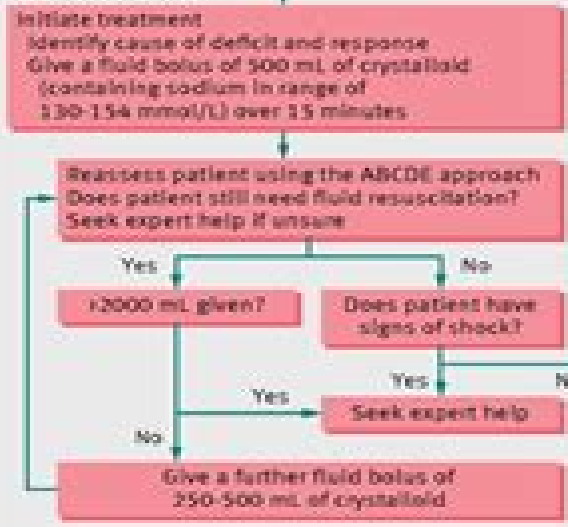


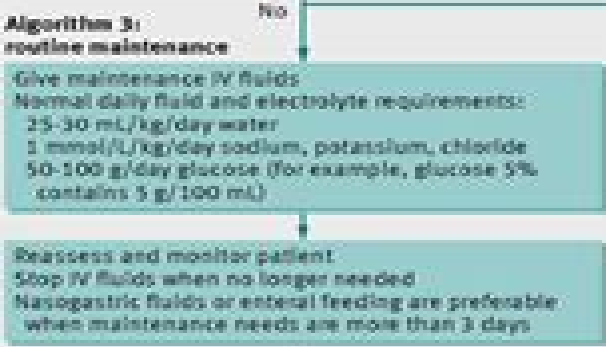
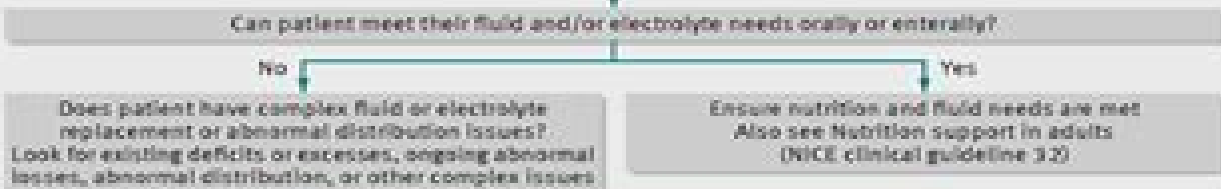
Algorithm 1: assessment

Using an ABCDE (Airway, Breathing, Circulation, Disability, Exposure) approach, assess whether patient is hypovolaemic and needs fluid resuscitation. Assess volume status taking into account clinical examination, trends, and context. Indicators that a patient may need fluid resuscitation include: systolic BP <100 mmHg; heart rate >90 beats/min; capillary refill >2 seconds or peripheries cold to touch; respiratory rate >20 breaths/min; NEWS >5; 45° passive leg raising suggests fluid responsiveness.

Algorithm 2: fluid resuscitation



Assess patient's likely fluid and electrolyte needs
History: previous limited intake, thirst, abnormal losses, comorbidities
Clinical examination: pulse, BP, capillary refill, JVP, oedema (peripheral or pulmonary), postural hypotension
Clinical monitoring: NEWS, fluid balance charts, weight
Laboratory assessments: FBC, urea, creatinine and electrolytes



Algorithm 4: replacement and redistribution



Prescribe by adding to or subtracting from routine maintenance, adjusting for all other sources of fluid and electrolytes (oral, enteral, and drug prescriptions)

Monitor and reassess fluid and biochemical status by clinical and laboratory monitoring.

IV=intravenous. ABCDE=airway, breathing, circulation, disability, and exposure. NEWS=National Early Warning Score. BP=blood pressure. JVP=jugular venous pressure. FBC=full blood count. NG=nasogastric. AKI=acute kidney injury

Iv Therapy Guidelines

**Jill C. Cash, Cheryl A. Glass, Jenny
Mullen**



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