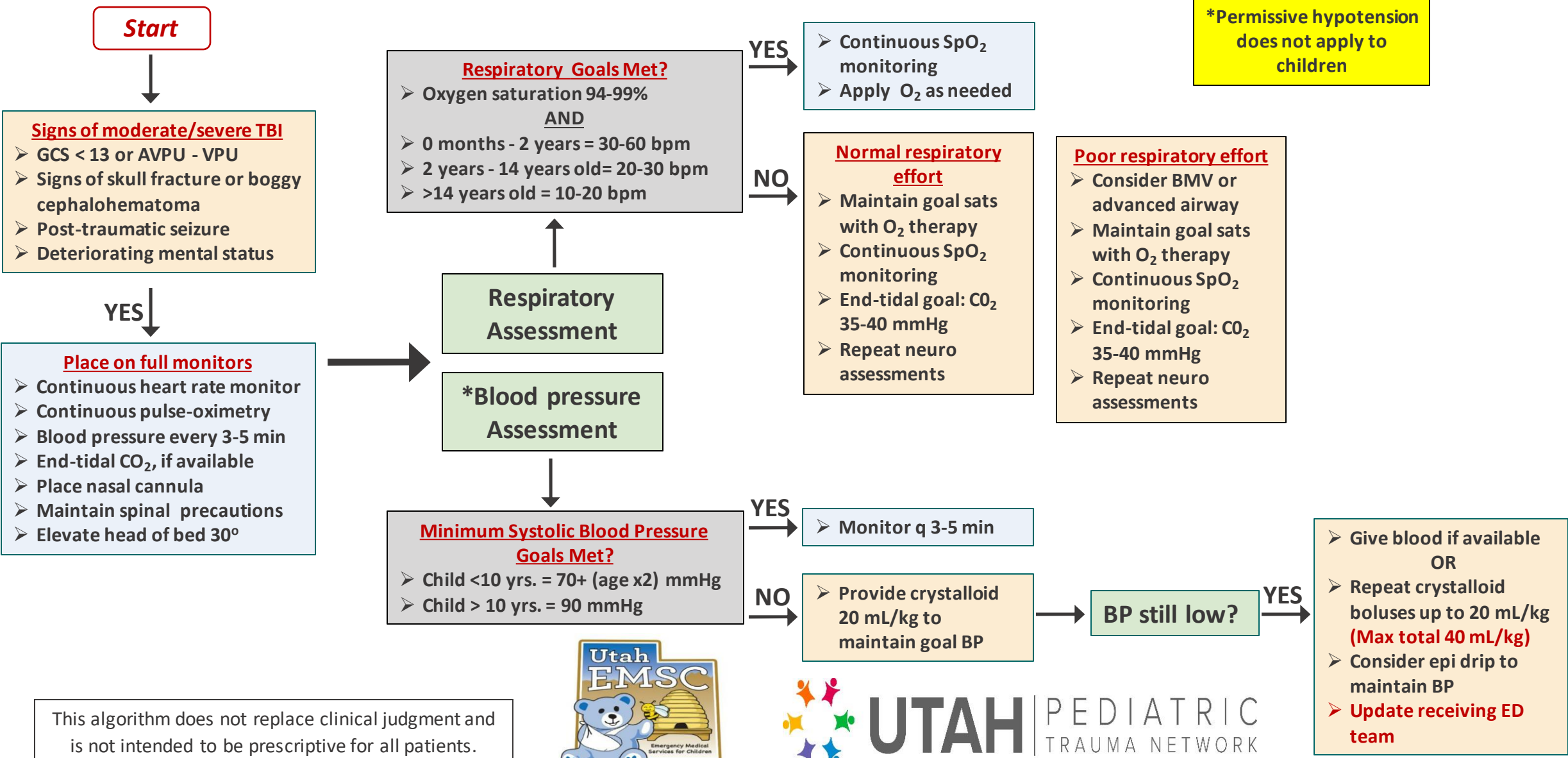


# 2023 Pediatric Prehospital Guideline (Moderate/Severe Traumatic Brain Injury)

**A single saturation < 90% or episode of hypotension is associated with a 2x mortality for severe TBI patients**

**\*Permissive hypotension does not apply to children**



This algorithm does not replace clinical judgment and is not intended to be prescriptive for all patients.



## Evidence-based Best Practice for Improved Outcomes in TBI (EPIC Study; Consensus Study of 130 EMS Agencies)

- 1) Prevention and/or treatment of hypoxia through early O2 intervention
- 2) Airway interventions to optimize oxygenation and ventilation
- 3) Prevention of hyperventilation using age-appropriate ventilation rates and adjuncts
- 4) Avoid and treat hypotension by infusing crystalloid fluids