Prolonged Mechanical Ventilation in Pediatric Trauma Patients in a Combat Zone

Patients:
- 3,439 Pediatric Trauma Patients
- 1,383 Pediatric Trauma Patients >1 day of MV
- 859 Pediatric Trauma Patients with >1 day of MV and non-TBI

Mechanism of Injury in Prolonged Mechanical Ventilation (N=154):
- 41% Crystallloid
- 22% Severe Injury to Thorax
- 5% Severe Injury to Skin

Factors Associated with Prolonged Mechanical Ventilation in Non-TBI Patients:
- Crystalloid
- Platelets
- Colloids

Understanding risk factors for prolonged mechanical ventilation in pediatric trauma patients in a combat zone can assist with resource planning and suggest potential resuscitation strategies to be further studied.

Data from Moulton et al: Pediatr Crit Care Med 2022  pccmjournal.org #PedsICU