



<b>Title: Guidelines for External Ventricular Drain or Intracranial Pressure Monitor in the Pediatric Trauma Patient</b>	
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<b>Approved by:</b> Trauma Multidisciplinary PIPS Committee	
<b>Discrete Operating Unit/Facility:</b> Banner--University Medical Center Tucson	

## I. Purpose and Population:

- A. **Purpose:** To provide a guideline for focused care/ services provided to the pediatric trauma patient that sustained a traumatic brain injury.
- B. **Population:**
1. Consistent with the state defined inclusion / exclusion criteria for trauma patients.
  2. Considers the National Trauma Data Standard (NTDS) definitions for trauma patients.

## II. Background:

- A. All pediatric patients presenting to Banner University Medical Center Tucson who have suffered an acute traumatic brain injury meeting specified criteria will be seen and evaluated by the neurosurgery team.

## III. Policy:

- A. An external ventricular drain or intracranial pressure monitor may be indicated in pediatric trauma patients with either:
- 1) GCS of 8 or less with an abnormal CT
- OR
- 2) GCS of 8 or less with a normal CT and either
    - loss of motor localization on exam, OR
    - inability to obtain a reliable neurological exam for a prolonged period of time (unable to wean sedation, prolonged surgery etc.)

## IV. References:

- A. Resources for Optimal Care of the Trauma Patient 2023; Committee on Trauma; American College of Surgeons.