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| <b>DEPARTMENT: Trauma</b>      | <b>POLICY TITLE: ICP Monitor Placement in the Trauma Patient</b> |
| <b>Page 1-1</b>                | <b>REPLACES POLICY DATED: New</b>                                |
| <b>EFFECTIVE DATE: 06/2015</b> | <b>REFERENCE NUMBER: 783-106</b>                                 |

**PURPOSE:** To provide a guideline for the placement of an intracranial pressure (ICP) monitor in the trauma patient.

**PROTOCOL:**

**ICP Monitor Placement Protocol**

1. Consider placement of an ICP monitor within 24 hours of admission in patients with a severe traumatic brain injury (TBI) with a Glasgow Coma Scale (GCS) of 3-8 and an abnormal CT head.
2. Re-evaluate patients who are considered to be intoxicated or altered within 12-24 hours. If the GCS remains less than 8, consider placement of an ICP monitor.
3. The Brain Trauma Foundation guidelines recommend considering ICP monitor placement within 24 hours of admission in severe TBI patients with a GCS 3-8 and a normal CT head with two of the following characteristics as a level three recommendation:
  - Age > 40
  - Unilateral or bilateral posturing
  - SBP < 90mmHg

*These guidelines are designed for the general use of most patients, but may need to be adapted to meet the special needs of a specific patient as determined by the patient's care giver.*

**REFERENCES:**

Brain Trauma Foundation. Guidelines for the Management of the Severe Traumatic Brain Injury. 2007. 3<sup>rd</sup> Edition.