

5.17 Neurosurgeon Response—Type II

Applicable Levels

LI, LII, LIII-N, PTCI, PTCII

References

None

Definition and Requirements

Neurosurgical evaluation must occur within 30 minutes of request for the following:

- Severe TBI (GCS less than 9) with head CT evidence of intracranial trauma
- Moderate TBI (GCS 9–12) with head CT evidence of potential intracranial mass lesion
- Neurologic deficit as a result of potential spinal cord injury (applicable to spine surgeon, whether a neurosurgeon or orthopaedic surgeon)
- Trauma surgeon discretion

In Level I, II, and III-N trauma centers, neurosurgical provider response times must be documented.

In all levels of trauma centers, the neurosurgery attending must be involved in clinical decision-making.

Additional Information

Level III-N trauma centers are those that provide neurotrauma care for patients with moderate to severe TBI, defined as GCS of 12 or less at the time of emergency department arrival.

A neurosurgery resident or APP may act as a consultant as long as there is documented communication with the neurosurgery attending.

The time is measured from time of request until start of neurosurgical evaluation.

Measures of Compliance

- Evidence of neurosurgery attending involvement
- Evaluated during the site visit process

Resources

Brain Trauma Foundation Guidelines for the Management of Severe TBI: <https://braintrauma.org/coma/guidelines/guidelines-for-the-management-of-severe-tbi-4th-ed>