



A California ACEP/Choosing Wisely Collaboration Children 2 years and older

2 YEARS & OLDER

GCS < 15
 Signs of basilar skull fracture

 AMS (agitation, somnolence, slow response, repetitive questions)

YES TO ANY

High Risk – 4.3% risk of ci-TBI* Vomiting

• LOC

NO -

- Severe headache
- Severe mechanism of injury

CT Decision Guide

Pediatric Head Trauma

- Fall > 5 ft
- MVA w/ejection, rollover, or fatality
- · Bike/ped vs. vehicle w/o helmet
- Struck by high-impact object

NO CT not indicated,
Observe

Low Risk - < 0.05%

Intermediate Risk – 0.8%

Observation vs. CT using shared decision-making

Clinical factors used to guide decision-making:

- · Multiple vs. isolated factors
- Worsening findings during observation (AMS, headache, vomiting)
- Physician experience

YES

TO

ANY

Parental preference

*ci-TBI: risk of clinically important TBI needing acute intervention, based on PECARN validated prediction rules