Pediatric Head Trauma CT Decision Guide
Children younger than 2 years

- GCS < 15
- Palpable skull fracture
- AMS (agitation, somnolence, slow response, repetitive questioning)

High Risk – 4.4% risk of ci-TBI*

- Scalp hematoma (excluding frontal)
- LOC >5 seconds
- Not acting normally per parent
- Severe mechanism of injury
  - Fall > 3 ft
  - MVA w/ejection, rollover, or fatality
  - Bike/ped vs. vehicle w/o helmet
  - Struck by high-impact object

Intermediate Risk – 0.9%

YES TO ANY

- Observation vs. CT using shared decision-making

NO

CT not indicated, Observe

Low Risk – < 0.02%

- < 3 months old

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