PECARN Pediatric Minor Head Injury CT Guidelines for Children Age 2+ Years

### Head CT Indicated
- **High Risk: 4.3% risk of ci-TBI**

### Observation vs CT using shared decision-making
- **Intermediate Risk: 0.8% risk of ci-TBI**

### Clinical decision-making factors in favor of:
- **Observation**
  - **Isolated** symptoms & historical features
  - Vomiting, LOC, severe headache, severe mechanism of injury in isolation are NOT associated with increased risk of ci-TBI
  - Physician experience
  - Parental preference
  - Consider using Head CT Choice Decision Aid to facilitate shared decision-making

- **CT using shared decision-making**
  - Multiple symptoms
  - Worsening findings on observation (AMS, headache, vomiting)

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PECARN Pediatric Minor Head Injury CT Guidelines for Children Age <2 Years

Head CT Indicated

- High Risk: 4.4% risk of ci-TBI

NO TO ALL

Head CT NOT Indicated

- Low Risk: <0.02% risk of ci-TBI

YES TO ANY

Observation vs CT using shared decision-making

- Intermediate Risk: 0.9% risk of ci-TBI

Clinical decision-making factors in favor of:

Observation

- Isolated symptoms & historical features
- Vomiting, LOC, severe headache, severe mechanism of injury in isolation are NOT associated with increased risk of ci-TBI
- Physiotherapist experience
- Parental preference
- Consider using Head CT Choice Decision Aid to facilitate shared decision-making

CT using shared decision-making

- Multiple symptoms
- Worsening findings on observation (AMS, headache, vomiting)
- <3 months old


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