Child with minor head trauma presents to the ED with parent and is placed in a room.

Clinician evaluates patient and ascertains the presence or absence of PECARN predictors for ciTBI.

Exclusion criteria:
- Palpable skull fracture
- Signs of basilar skull fracture
- GCS < 15 or other signs of altered mental status*
- Brain tumor
- Penetrating head trauma
- Bleeding disorder/coagulopathy
- Ventricular shunt
- Pre-existing neurological disease
- Syncope or seizure led to head trauma
- Transferred to ED with imaging
- Pregnancy
- Patient has > 2 PECARN criteria
- Inability to use decision aid (hearing or visual impairment)

Research staff, in collaboration with the treating clinician, apply eligibility criteria.

Parents of eligible patients invited to participate. Informed consent takes place.

Parent declines participation (Usual Clinical Care)

Control** (Usual Care)
- Head CT
- No Head CT

Intervention** (Decision Aid)
- Head CT
- No Head CT

Follow-up at 7 days
Telephone follow-up + health records review
Blind adjudication of potential ciTBI

Analysis
Primary analysis on intention to treat basis. Report all exclusions from analysis and reasons.