

Supplementary Online Content

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eTable. Clinically Important Traumatic Brain Injuries in Children With PECARN-Isolated LOC

This supplementary material has been provided by the authors to give readers additional information about their work.

eTable. Clinically Important Traumatic Brain Injuries in Children With PECARN-Isolated LOC

Age	Injury Mechanism Specifics	Length of LOC	Other TBI Signs and Symptoms	TBI on CT	CiTBI
1 yr	Fall to ground from standing/walking/running	5 sec - <1 min	Post-traumatic seizure; vomiting; facial injury	Subdural hematoma	Hospitalization ≥2 nights in association with TBI on CT
7 yrs	Scooter crash	1-5 min	Amnesia; post-traumatic seizure; not acting normally per parent; moderate headache; temporal/parietal scalp hematoma	Cerebral contusion	Hospitalization ≥2 nights in association with TBI on CT
8 yrs	Fall to ground from standing/walking/running	Unknown	Amnesia; not acting normally per parent; moderate headache; dizziness	Epidural hematoma	Hospitalization ≥2 nights in association with TBI on CT
9 yrs	Football injury	5 sec - <1 min	Amnesia	Cerebral contusion	Hospitalization ≥2 nights in association with TBI on CT
9 yrs	Bike rider struck by automobile - helmet worn	Unknown	Amnesia; parietal scalp trauma	Extra-axial hematoma and pneumocephalus	Hospitalization ≥2 nights in association with TBI on CT
9 yrs	Bike collision - helmet not worn	Unknown	None recorded*	Cerebral contusion and epidural hematoma	Neurosurgery and hospitalization ≥2 nights in association with TBI on CT
11 yrs	Bike collision - helmet not worn	1-5 min	Amnesia; moderate headache	Subdural hematoma	Hospitalization ≥2 nights in association with TBI on CT
12 yrs	Fall to ground from standing/walking/running	Unknown	Amnesia; moderate headache; occipital scalp hematoma; facial trauma	Subarachnoid hemorrhage	Hospitalization ≥2 nights in association with TBI on CT
13 yrs	Bike collision - helmet not worn	Unknown	Post-traumatic seizure; moderate headache; temporal/parietal scalp hematoma	Extra-axial hematoma, midline shift, and subdural hematoma	Hospitalization ≥2 nights in association with TBI on CT
13 yrs	Bike collision - helmet not worn	Unknown	Amnesia; moderate headache; frontal hematoma; shoulder injury	Extra-axial hematoma	Hospitalization ≥2 nights in association with TBI on CT

15 yrs	Motor vehicle crash < 60 mph	>5 min	Amnesia; mild headache; dizziness; temporal/parietal hematoma; substantial extremity injuries	Epidural hematoma	Hospitalization ≥2 nights in association with TBI on CT
17 yrs	Assault	<5 sec	Moderate headache; dizziness; palpable skull fracture; temporal/parietal hematoma; neurological deficit (motor)	Cerebral hemorrhage/intracerebral hematoma, extra-axial hematoma, midline shift, subarachnoid hemorrhage, and subdural hematoma	Hospitalization ≥2 nights in association with TBI on CT
17 yrs	Motor vehicle crash speed unknown	Unknown	Amnesia; mild headache; frontal hematoma; chest/back/flank injuries and right pulmonary contusion; clinical suspicion for alcohol or drug intoxication	Cerebral contusion and cerebral hemorrhage/intracerebral hematoma	Hospitalization ≥2 nights in association with TBI on CT

*This patient developed vomiting while in the emergency department.