**Table 4 Case Synopsis of patients presenting after 24 hours with clinically important traumatic brain injury**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Age** | **Gender** | **GCS on presentation** | **Mechanism** | **Time of presentation after injury** | **Symptoms /signs on presentation** | **Injury recorded on CT** | **Hospital admission**  | **Neurosurgery** | **Intubated >24hrs** | **Death due to HI** |
| 6-12 months | Male | 15 | Low level fall <1 m | >2 days | **Ongoing vomiting >3 times; irritable, < 5 cm parietal scalp hematoma parietal; Possible skull fracture on palpation** | Extra-axial hemorrhage, non-depressed skull fracture | >2 days | Craniotomy with hematoma evacuation | No | No |
| 3 years | Female | 15 | Low level fall <1 m | >2 days | **Single vomit**; Presented **with >5 cm boggy temporal scalp hematoma** | Epidural hematoma; non-depressed skull fracture | 2 days | No | No | No |
| 6 years | Female | 15 | Low level fall <1 m | 2 days | **Presented with < 5cm boggy swelling parietal scalp hematoma** | Extradural hemorrhage; non-depressed skull fracture | >2 days | No | No | No |
| 6-12 months | Male | 15 | Low level fall <1 m | 1 day | **Vomited x 2;** Presented with **> 5 cm boggy parietal scalp hematoma** | Extra-axial hemorrhage; non-depressed skull fracture | 2 days | No | No | No |
| 13 years | Male | 15 | Struck by high speed object | >2 days |  Presented with moderate **headache** and **irritability, <5 cm occipital scalp hematoma**  | Extra-axial hemorrhage | >2 days | No | No | No |
| 14 years | Male | 15 | Blunt injury with bat during sports | 1 day  | Presented with mild **headache**, < 5 cm frontal scalp hematoma, ptosis and periorbital swelling | Extra-axial hemorrhage; non-depressed skull fracture; Also, orbital fracture | >2 days | Craniotomy with hematoma evacuation | No | No |
| 6-12 months | Female | 15 | Fall out of bed >2 d prior  | >2 days | Swelling for 2 days. Presented with **5 cm boggy temporal scalp hematoma**;  | Depressed skull fracture and small extra-axial hemorrhage | >2 days | No | No | No |
| 15 years | Male | 14 | Low level fall <1 m | 1 day  | A**ltered mental status**, moderate **headache** | Subdural hemorrhage with midline shift | 2 days | No | No | No |

GCS Glasgow Coma Score, CT computed tomography, HI Head Injury, LOC loss of consciousness, Bolded symptoms/signs positive for Clinical Decision Rule predictor variables