**Table S1**

Injury information for the TBI group

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ID | **Etiology** | **GCS** | **Retrograde Amnesia** | **PTA** | **LOC** | **Acute**  **CT findings** | **Focal**  **Lesions**  **(Chronic MRI)** | **Chronicity**  **(months)** |
| 1 | Fall | 3 | 2 h | 22 days | 2 weeks | SAH  \*\* | Left temporal lobe, Bilateral Frontal lobe | 55 |
| 2 | Fall | 8 | 15 minutes | 2 Days | N/A | Bifrontal contusions \*\* | Bilateral frontal lobe, right temporal pole, left cerebellum | 44 |
| 3 | Fall | N/A | Minutes | 1 day | ~2 days | Basilar Skull Fracture | Bilateral frontal pole and orbital regions | 81 |
| 4 | Fall | N/A | Minutes | A few minutes | N/A | SAH | None | 60 |
| 5 | Fall | 15 | Minutes | A few minutes | N/A | SDH | None | 179 |
| 6\* | Fall/MVA | N/A / 15 | Seconds/ seconds | N/A/ N/A | 1 day/ None | N/A / N/A | None | 307 |
| 7 | MVA | 6 | 1 year | Duration Unclear | Duration unclear | SAH | Left superior frontal gyrus | 53 |
| 8 | Fall | N/A | None | No | A few minutes | SAH | No | 36 |
| 9 | Fall | 15 | Minutes | A few minutes | A few minutes | Hemorrhagic contusions | Bilateral frontal pole | 52 |
| 10 | Fall | N/A | Minutes | A few hours | N/A | SAH | None | 42 |
| 11 | Fall | 15 | None | N/A | Duration unclear | EDH, right temporal bone fracture \*\* | None | 41 |
| 12 | Assault | N/A | Minutes | 2 months | 5 minutes | SAH, occipital skull fracture | Right frontal lobe | 27 |
| 13 | Fall | N/A | N/A | 12 hours | 4-5 hours | SAH | None | 32 |
| 14 | MVA | N/A | N/A | N/A | Several hours | Intracranial hemorrhage \*\* | Right middle frontal gyrus | 301 |
| 15 | NVA | N/A | Seconds | 2 weeks | A few minutes | N/A | Left inferior temporal gyrus | 399 |
| 16 | NVA | N/A | None | 2 weeks | 20 minutes | Negative | None | 15 |
| 17 | MVA | 13 | N/A | N/A | 3-5 minutes | SAH | None | 24 |
| 18 | MVA | 15 | 14 hours | 2 weeks | Duration unclear | SAH | None | 37 |
| 19 | Fall | 3 | N/A | 2 Days | Duration unclear | SDH | None | 22 |
| 20 | Fall | 15 | N/A | ~3 hours | Duration unclear | ICH | None | 13 |
| 21 | Fall | N/A | N/A | N/A | Duration unclear | SDH | None | 22 |
| 22 | MVA | 5 | N/A | N/A | 10 Days (Medically induced coma) | SAH | None | 19 |
| 23 | Fall | N/A | N/A | 2 Days | 1 hour | SAH | None | 9 |
| 24 | MVA | N/A | N/A | Several minutes | None | SDH | None | 7 |

\*Sustained two TBIs in two different occasions.

\*\* Required Craniotomy

MVA=Motored Vehicle Accident; NVA=Non-motored Vehicle Accident; PTA=Post Traumatic Amnesia; LOC=Loss of Consciousness; SAH=Subarachnoid Hemorrhage; EDH=Epidural Hemorrhage; SDH=Subdural Hemorrhage; ICH=Intracranial Hemorrhage; GCS=Glasgow Coma Scale; CT=Computerized Tomography. All information was collected via patient/collateral report or, when available, via inspection of medical records.