

CDE	Present?	Laterality	Anatomic Site	Comments
Skull fracture	Unable to Assess	Unable to Assess	Unable to Assess	Unable to Assess
Epidural hemorrhage	Unable to Assess	Unable to Assess	Unable to Assess	Unable to Assess
Subdural hemorrhage	Unable to Assess	Unable to Assess	Unable to Assess	Unable to Assess
Subarachnoid hemorrhage	Y	Right	Sylvian fissure	Adjacent to small right fronto-temporal contusions
Contusion	Y	Bilateral	Bifrontal, bitemporal	Left frontal and left temporal contusions larger than right frontal and right temporal contusions
Traumatic Axonal Injury	Y	bilateral	Hemispheric white matter, as well as genu of the corpus callosum, bilateral midbrain tegmentum, and ventral pons	N/A
Edema	Y	Left	Pericontusional edema within the left frontal and left temporal contusions	N/A
Ischemic or hypoxic-ischemic injury	N	N/A	N/A	N/A
Brain atrophy or encephalomalacia	N	N/A	N/A	N/A

Supplemental Table 2: Traumatic Lesions Visualized on *Ex Vivo* MRI.

All pathoanatomic lesions are characterized using the NIH Common Data Element (CDE) Guidelines for Traumatic Brain Injury Neuroimaging. N/A = not applicable.