Imaging CT/MRI

Patient Identification Information [   ]

Date of imaging: (CTMRI.CTMRIDate) [   ]

Time of imaging (CTMRI.CTMRITime) [   ]
Icometrix data below will be automatically updated

Date/Time of image upload to Icometrix (CTMRI.IcometrixUploadDateTime) [   ]

Passed QA in Icometrix (CTMRI.IcometrixPassedQA)
☐ Yes
☐ No

Icometrix QA Date/Time (CTMRI.IcometrixQADateTime) [   ]

Icometrix Image Id (CTMRI.IcometrixImageId) [   ]

Data initially loaded from Icometrix (CTMRI.InitialDataIcometrix)
☐

| **Imaging Modality** | (CTMRI.CTDone) ☐ CT | (CTMRI.MRIDone) ☐ MRI | (CTMRI.XRayDone) ☐ X-Ray Angiography | (CTMRI.Timepoint) Timepoint ◯ CT Early ◯ CT Followup ◯ CT Post-Op ◯ MR Early |

CT

Specify CT Type: (CTMRI.CTType)
☐ Non-contrast CT
☐ Contrast CT
☐ CT Angiography
☐ Perfusion CT

Patient location at time of CT (CTMRI.CTPatientLocation)
☐ ER
☐ Ward/Admission
☐ ICU

Imaging scanner manufacturer (CTMRI.CTManuf)
☐ Agfa
☐ Carestream
☐ GE
☐ Hitachi
☐ Konica Minolta
☐ Philips
☐ Siemens
☐ Toshiba
☐ Other

Type of scanner (CTMRI.CTScannerType)
☐ 320-slice
☐ 256-slice
☐ 128-slice
☐ 64-slice
☐ 32-slice
☐ 16-slice
☐ Other

Angulation (CTMRI.CTAngulation)
☐ No angulation (volume scan)

MRI

Specify MRI Type (CTMRI.MRIType)
☐ MRI
☐ MRA

Patient location at time of MRI (CTMRI.MRIPatientLocation)
☐ ER
☐ Ward/Admission
☐ ICU

Imaging scanner manufacturer (CTMRI.MRIManuf)
☐ Siemens
☐ Philips
☐ GE
☐ Toshiba
☐ Other

Scanner strength (CTMRI.MRIScannerStrength) [   ]

Sequence(s) (CTMRI.MRISequences)
☐ T1
☐ T2
☐ FLAIR
☐ DWI
☐ GRE
☐ SWI
☐ DTI
☐ MRSI
☐ PWI
☐ Other

☐ Orbital-meatal line
☐ Other

(CTMRI.CTReason) Main reason for CT
☐ Standard follow-up
☐ Post-operative control
☐ Clinical deterioration
☐ (Suspicion of) Increasing ICP
☐ Lack of improvement
☐ Unknown
☐ Other
(CTMRI.CTReasonOther) Specify Other
[   ]

(CTMRI.MRIReason) Main reason for MRI
☐ Discrepancy between CT and clinical condition
☐ Standard Care
☐ Detection of brainstem lesions
☐ Study protocol
☐ Unknown
☐ Other
(CTMRI.MRIReasonOther) Specify other:
[   ]

Reason for CT
(CTMRI.CTERReason)
☐ GCS <= 14
☐ GCS = 15 + risk factors
☐ Head wound
☐ Exclusion of abnormalities prior to discharge
☐ Suspicion of maxillofacial injury
☐ Other
☐ Unknown
(CTMRI.CTERReasonOther) Specify other
[   ]

Reason for MRI
(CTMRI.MRIERReason)
☐ ER only: Discrepancy between clinical symptomatology and (lack of) CT abnormalities
☐ ER only: Suspicion non-metal foreign object
☐ ER only: Instead of CT (limiting radiation exposure)
☐ ER only: Suspicion spinal cord lesion
☐ Unknown
☐ Other
(CTMRI.MRIERReasonOther) Specify other:
[   ]

Risk factors
(CTMRI.CTRiskFactorsERLOC) ☐ Loss of consciousness
(CTMRI.CTRiskFactorsERHeadache) ☐ Headache
(CTMRI.CTRiskFactorsERVomit) ☐ Vomiting
(CTMRI.CTRiskFactorsERAgeGreatrThanEqual60) ☐ Age >= 60
(CTMRI.CTRiskFactorsERSeizure) ☐ Seizure
(CTMRI.CTRiskFactorsERAnticoagTx) ☐ Anticoagulant Tx
(CTMRI.CTRiskFactorsERIntoxication) ☐ Intoxication
(CTMRI.CTRiskFactorsERVulnRoadUser) ☐ Vulnerable road user (pedestrian or cyclist)
(CTMRI.CTRiskFactorsERFallFromAnyElev) ☐ Fall from any elevation
(CTMRI.CTRiskFactorsERPTAGreatrThanEqual4hrs) ☐ PTA >= 4 hours
(CTMRI.CTRiskFactorsERAlterationOfConsc) ☐ Alteration of consciousness
(CTMRI.CTRiskFactorsERAnyNeuroDef) ☐ Any neurological deficit
(CTMRI.CTRiskFactorsERClinSignsOfFractSkullBaseVault) ☐ Clinical signs of fracture skull base or vault
(CTMRI.CTRiskFactorsERPhysEvidTraumaHeadSkull) ☐ Physical evidence of trauma to head/skull
(CTMRI.CTRiskFactorsERSignsFacialFract) ☐ Signs of facial fracture
(CTMRI.CTRiskFactorsERContusionFace) ☐ Contusion of the face
(CTMRI.CTRiskFactorsEROther) ☐ Other
(CTMRI.CTRiskFactorsEROtherTxt) Specify other
[   ]

Intracranial Lesions

		Results	
Small hyper dense lesions (DAI)	(CTMRI.CTICLesionDAI)	Pre-existing abnormalities	(CTMRI.MRIResultPreExistAbnorm)
	☐ No		☐ No
	☐ Yes		☐ Yes
	☐ Unknown		☐ Unknown
Extradural haematoma	(CTMRI.CTExtraduralHema)	Traumatic abnormalities	(CTMRI.MRIResultTraumaticAbnorm)
	☐ No		☐ No
	☐ Small		☐ Yes
	☐ Large (mass)		☐ Unknown
	☐ Unknown		
Acute subdural haematoma	(CTMRI.CTAcuteSubdurHema)		

Contusion	No Small Large (mass) Unknown (CTMRI.CTContusion) No Small Large (mass) Unknown

Scheduled for operation* (CTMRI.CTSchedForOp)
    ○ No ○ Yes

DAI (CTMRI.MRITraumAbnormDAI)
☐ No
☐ Yes
☐ Unknown

(CTMRI.CTNoOpMotiv)
Motivation for not scheduling operation
☐ No surgical lesion
☐ Lesion present, but Acceptable/good neurologic condition
☐ Lesion present, but Guideline adherence
☐ Lesion present, but Little/no mass effect
☐ Lesion present, but Not hospital policy
☐ Lesion present, but Extremely poor prognosis
☐ Lesion present, but Brain Death
☐ Lesion present, but Old age
☐ Lesion present, but Wish family, relative or Legal representative
☐ Lesion present, but Other
☐ Unknown
(CTMRI.CTNoOpMotivOther)
Specify other:

Number of lesions (CTMRI.MRITraumAbnormDAINumLesions)
☐ 1
☐ 2
☐ 3
☐ 4
☐ >= 5

Location
Corpus Callosum (CTMRI.MRITraumAbnormDAILesionLocCorpusCallosum)
☐ No
☐ Yes
☐ Unknown
(CTMRI.MRITraumAbnormDAILesionLocBrainstem)
Brainstem ☐ No
☐ Yes
☐ Unknown
Diffuse white matter (CTMRI.MRITraumAbnormDAILesionLocDiffuseWhiteMatter)
☐ No
☐ Yes
☐ Unknown

(CTMRI.CTYesOpMotiv) Motivation for scheduling operation
☐ Emergency/life saving
☐ Clinical deterioration
☐ Mass effect on CT
☐ Radiological progression
☐ (Suspicion of) raised ICP
☐ Guideline adherence
☐ To prevent deterioration
☐ Depressed skull fracture
☐ Other
(CTMRI.CTYesOpMotivOther) Specify other

Contusions (CTMRI.MRITraumAbnormContusion)
☐ No
☐ Yes
☐ Unknown
EDH (CTMRI.MRITraumAbnormEDH)
☐ No
☐ Yes
☐ Unknown
ASDH (CTMRI.MRITraumAbnormASDH)
☐ No
☐ Yes
☐ Unknown

Depressed skull fracture	(CTMRI.CTDeprSkullFract) ☐ No ☐ Closed ☐ Open (compound)

Subarachnoid hemorrhage	(CTMRI.CTSubarachnoidHem) ☐ No ☐ Basal ☐ Cortical ☐ Basal and Cortical

Midline Shift	(CTMRI.CTMidlineShift) ☐ No ☐ Yes	(CTMRI.CTMidlineShiftMeasure) Shift (mm)
Basal cisterns absent compressed	(CTMRI.CTBasalCisternsAbsentCompressed) ☐ No ☐ Yes	
Ischemia	(CTMRI.CTIschemia) ☐ No ☐ Single arterial territory ☐ Multiple territories ☐ Hemisphere	