

Summary: ICU Monitoring

Patient Identification Information

(Subject.SubjectID) **Status on admission to ICU**

Origin of patient (Hospital.ICPUnit) ER
 OR
 Ward
 High dependency unit
 Other hospital

Haemodynamically stable (Hospital.ICUAdmisStatusHaemoStable) No
 Yes Unknown

Intubated (Hospital.ICUAdmisStatusIntubated) No Yes Unknown

Mechanically ventilated (Hospital.ICUAdmisStatusMechVent) No Yes Unknown

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(Hospital.MonitoringDevicesCompleteStatus) **Form Completion Status**

Not Started
 Complete
 In Process
 Queries Outstanding
 Not Performed

(Subject.SubjectID) **Brain specific monitoring**

(Subject.) ICP monitoring (Hospital.ICPMonitorNo) No (Hospital.ICPMonitorYes) Yes (Hospital.ICPInsDate) Date Start dd-mmm-yyyy (Hospital.ICPInsTime) Time Start hh:mm

Reason for NOT monitoring ICP (Hospital.ICUReasonNoICP) GCS >8
 No radiological signs of raised ICP
 Risk of raised ICP considered low
 Patient considered unsalvageable
 Coagulopathy
 Use of anticoagulants or platelet aggregation inhibitors
 No device available
 Not local policy to monitor ICP
 Too costly
 Other
 (Hospital.ICUReasonNoICPOther) Other, please specify:

Reasons for monitoring ICP

(Hospital.ICUReasonICP) Guideline criteria
 Radiological signs raised ICP
 Clinical suspicion raised ICP
 Anaesthesia or mechanical ventilation required for extracranial injuries
 To inform surgical indication for mass lesion
 Other
 (Hospital.ICUReasonICPOther) Other, please specify:

Type of ICP monitor

(Hospital.ICPDevice) Ventricular
 Ventricular +inbuilt sensor
 Parenchymal
 Other
 (Hospital.ICPDeviceOther) Other, please specify:

(Hospital.ICUReasonForTypeICPMont) Reason of choice for ventricular/ventricular+sensor monitoring

- Routine in our department
 Not routine, but enlarged ventricles
 No parenchymal device available
 Other

(Hospital.ICUReasonForTypeICUMontOther) Other, please specify:

(Hospital.ICUReasonForTypeICPMontPare) Reason of choice for parenchymal sensor

- Routine in our department
 Not routine, but small ventricles
 Mainly motivated by time of day
 No OR available for placement ventr. catheter
 Failed implantation ventricular catheter
 Other

(Hospital.ICUReasonForTypeICUMontParOther) Other, please specify:

Raised ICP (sustained)
 Problems in ICP monitoring

(Hospital.ICURaisedICP) No Yes, controlled Yes, refractory

(Hospital.ICUProblemsICP) No Yes

(Hospital.ICUProblemsICPYes) Explain ICP problems

- Accidental catheter removal
 Catheter obstruction/failure
 Suspicion of inaccurate measurement

ICP catheter revised

(Hospital.ICUCatheterICP) No Yes

(Hospital.ICUCatheterICPDate) Date catheter revised
 dd-mmm-yyyy

(Hospital.ICUCatheterICPTime) Time catheter revised
 hh:mm

(Subject.SubjectID) Stop of ICP
 monitoring

(Hospital.ICPMonitorStop)

No Yes

(Hospital.ICPRemDate) Date
 dd-mmm-yyyy

(Hospital.ICPRemTime) Time
 hh:mm

(Hospital.ICPMontDuration) ICP Monitor Duration

(Hospital.ICPStopReason) Reason for stopping

- Clinically improved
 ICP stable and < 20 mmHg
 Monitor/catheter failure
 Patient considered unsalvagable
 Patient died
 Other

(Hospital.ICPMonitorStopReasonOther) Other, please specify:

Other monitoring

Jugular oximetry

(Hospital.MonJugularSatUsed) No Yes

(Hospital.MonJugularSatDuration) Duration (days)

(Hospital.MonJugularSatStopReason) Reason for stopping

- Monitor/catheter failure
 Patient considered unsalvageable
 Patient died

Jugular desaturation episodes (<50%)	<input type="checkbox"/> Clinically no longer required (Hospital.MonJugularDesatEpisodes) <input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> N/A
Brain tissue PO2	(Hospital.MonLicoxUsed) <input type="radio"/> No <input type="radio"/> Yes (Hospital.MonLicoxDuration) Duration (days) <input type="text"/>
	(Hospital.MonLicoxStopReason) Reason for stopping <input type="checkbox"/> Monitor/catheter failure <input type="checkbox"/> Patient considered unsalvageable <input type="checkbox"/> Patient died <input type="checkbox"/> Clinically no longer required
Brain tissue PO2 <15mmHg	(Hospital.MonLicoxPO2) <input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> N/A
Transcranial Doppler	(Hospital.MonTranscranDoppler) <input type="radio"/> No <input type="radio"/> Yes
Microdialysis	(Hospital.MonMicrodialysisUsed) <input type="radio"/> No <input type="radio"/> Yes (Hospital.MonMicrodialysisDuration) Duration (days) <input type="text"/>
	(Hospital.MonMicrodialysisStopReason) Reason for stopping <input type="checkbox"/> Monitor/catheter failure <input type="checkbox"/> Patient considered unsalvageable <input type="checkbox"/> Patient died <input type="checkbox"/> Clinically no longer required
Continuous EEG	(Hospital.MonContEGG) <input type="radio"/> No <input type="radio"/> Yes (Hospital.MonContEGGDuration) Duration (days) <input type="text"/>
Electrocorticography (ECoG)	(Hospital.MonECoG) <input type="radio"/> No <input type="radio"/> Yes (Hospital.MonECoGDuration) Duration (days) <input type="text"/>
(Subject.)	
Systemic monitoring	
Invasive BP monitoring	(Hospital.ICUInvasiveBP) <input type="radio"/> No <input type="radio"/> Yes
Cardiac output	(Hospital.ICUCardiacOutput) <input type="radio"/> No <input type="radio"/> Yes
Pulse oximetry	(Hospital.ICUPulseOximetry) <input type="radio"/> No <input type="radio"/> Yes
End Tidal CO2	(Hospital.ICUEndTidalCO2) <input type="radio"/> No <input type="radio"/> Yes
Central venous pressure	(Hospital.ICUCentralVenousPress) <input type="radio"/> No <input type="radio"/> Yes