Version: 2019 v11
Date published: 03/12/2019
Change log: Appendix B

The changes detailed in this data dictionary will be implemented in the Oregon Trauma Registry site (https://otr.oregon.gov/web) by 02/15/2019.
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DATA ELEMENTS THAT ARE NOT MANDATORY ARE NOTATED. ALL OTHER DATA ELEMENTS ARE MANDATORY.

DOCUMENTATION INCLUDES THE USE OF *NA (NOT APPLICABLE) AND *ND (NOT DOCUMENTED).
DEMOGRAPHIC INFORMATION
ADMISSION STATUS
DEFINITION:
The admission status of the patient at the ED/Hospital.

FIELD VALUES:
- Admitted through ED at your hospital
- Direct Admit
- Seen in your ED then transferred out by EMS
- Seen in your ED and released
- DOA or died in ED
- Entered into trauma system, has no injuries
- Patient left the ED Against Medical Advice

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- Face sheet
- Admission Form
- Triage / Trauma Flow Sheet

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
TRAUMA SYSTEM ENTRY

DEFINITION:
The location where the patient was entered into the trauma system.

FIELD VALUES:
- EMS / Field
- Emergency Department
- Retrospective
- Transfer

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- ePCR
  - Triage / Trauma Flow Sheet

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
MEDICAL RECORD NUMBER

DEFINITION:

The unique number assigned by the hospital to the patient medical record.

FIELD VALUES:

- Relevant value for data element.

ADDITIONAL INFORMATION:

- DATA ABSTRACT MANUAL

DATA TYPE:

- Alphanumeric

DATA SOURCE HIERARCHY GUIDE:

- Face sheet
- Admission Form
- Billing Form
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: N/A

NEMSIS DATA VARIABLE: N/A
TRAUMA BAND NUMBER

DEFINITION:
The unique number provided by the State of Oregon to all patients entered into the trauma system.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Face sheet
- Triage / Trauma Flow Sheet
- Nurses Notes
- Progress Notes
- ePCR
- Admission Form

NTDB DATA VARIABLE: N/A

NEMSIS DATA VARIABLE: N/A
LAST NAME

DEFINITION:

The patient’s legal last name.

FIELD VALUES:

- Relevant value for data element.

ADDITIONAL INFORMATION:

- DATA ABSTRACT MANUAL

DATA TYPE:

- Alpha

DATA SOURCE HIERARCHY GUIDE:

- Face sheet
- Government Issued ID
- Admission Form
- Billing Form
- Nurses Notes
- Progress Notes
- Triage / Trauma Flow Sheet
- ePCR

NTDB DATA VARIABLE: N/A

NEMSIS DATA VARIABLE: ePatient.02
FIRST NAME
DEFINITION:
The patient’s legal first name.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- Face sheet
- Government Issued ID
- Admission Form
- Billing Form
- Nurses Notes
- Progress Notes
- Triage / Trauma Flow Sheet
- ePCR

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: ePatient.03
MIDDLE INITIAL
DEFINITION:
The patient’s middle initial.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- Face sheet
- Government Issued ID
- Admission Form
- Billing Form
- Nurses Notes
- Progress Notes
- Triage / Trauma Flow Sheet
- ePCR

NTDB DATA VARIABLE: N/A

NEMSIS DATA VARIABLE: ePatient.04
TRAUMA / ALIAS LAST NAME

DEFINITION:

The patient’s alias/trauma last name.

FIELD VALUES:

• Relevant value for data element.

ADDITIONAL INFORMATION:

• DATA ABSTRACT MANUAL

DATA TYPE:

• Alpha

DATA SOURCE HIERARCHY GUIDE:

• Face sheet
• Admission Form
• Billing Form
• Nurses Notes
• Progress Notes
• Triage / Trauma Flow Sheet

NTDB DATA VARIABLE: N/A

NEMSIS DATA VARIABLE: N/A
TRAUMA / ALIAS FIRST NAME
DEFINITION:
The patient’s alias/trauma first name.

FIELD VALUES:
• Relevant value for data element.

ADDITIONAL INFORMATION:
• DATA ABSTRACT MANUAL

DATA TYPE:
• Alpha

DATA SOURCE HIERARCHY GUIDE:
• Face sheet
• Admission Form
• Billing Form
• Nurses Notes
• Progress Notes
• Triage / Trauma Flow Sheet

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
**ARRIVAL DATE**

**DEFINITION:**

The date the patient arrived at the ED/Hospital.

**FIELD VALUES:**

- Relevant value for data element.

**ADDITIONAL INFORMATION:**

- DATA ABSTRACT MANUAL

**DATA TYPE:**

- Numeric

**DATA SOURCE HIERARCHY GUIDE:**

- Triage / Trauma Flow Sheet
- ED Record
- Face sheet
- Billing Sheet
- Discharge Summary

**NTDB DATA VARIABLE:** ED_01

**NEMSIS DATA VARIABLE:** eTimes.11
ARRIVAL TIME
DEFINITION:
The time the patient arrived at the ED/Hospital.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Triage / Trauma Flow Sheet
- ED Record
- Face sheet
- Billing Sheet
- Discharge Summary

NTDB DATA VARIABLE: ED_01
NEMSIS DATA VARIABLE: eTimes.11
DATE OF BIRTH
DEFINITION:
The patient’s date of birth.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Face sheet
- Nurses Notes
- Government Issued ID
- Progress Notes
- Billing Sheet
- Triage / Trauma Flow Sheet
- ePCR

NTDB DATA VARIABLE: D_07
NEMSIS DATA VARIABLE: ePatient.17
AGE
DEFINITION:
The patient’s age.

FIELD VALUES:
• Relevant value for data element.

ADDITIONAL INFORMATION:
• DATA ABSTRACT MANUAL

DATA TYPE:
• Numeric

DATA SOURCE HIERARCHY GUIDE:
• Face sheet
• Nurses Notes
• ePCR
• Progress Notes
• Billing Sheet
• ED Record
• Triage / Trauma Flow Sheet

NTDB DATA VARIABLE: D_08
NEMSIS DATA VARIABLE: ePatient.15
AGE UNITS

DEFINITION:
The units used to document the patient’s age (Minutes, Hours, Days, Months, Years, Weeks).

FIELD VALUES:
- Hours
- Minutes
- Days
- Months
- Years
- Weeks

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- Face sheet
- Nurses Notes
- ePCR
- Progress Notes
- Billing Sheet
- ED Record
- Triage / Trauma Flow Sheet

NTDB DATA VARIABLE: D_09

NEMSIS DATA VARIABLE: ePatient.16
SEX
DEFINITION:
The patient’s sex.

FIELD VALUES:
- Male
- Female
- X

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- Face sheet
- ePCR
- Government Issued ID
- ED Record
- Triage / Trauma Flow Sheet

NTDB DATA VARIABLE: D_12
NEMSIS DATA VARIABLE: ePatient.13
RACE
DEFINITION:
The patient’s race.

FIELD VALUES:
- Asian
- Native Hawaiian or Other Pacific Islander
- Other Race
- American Indian
- Black or African American
- White

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- Face sheet
- Nurses Notes
- ePCR
- Progress Notes
- ED Record
- Triage / Trauma Flow Sheet

NTDB DATA VARIABLE: D_10
NEMSIS DATA VARIABLE: ePatient.14
ETHNICITY

DEFINITION:
The patient’s ethnicity.

FIELD VALUES:
- Hispanic or Latino
- Not Hispanic or Latino

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- Face sheet
- Admission Form

NTDB DATA VARIABLE: D_11

NEMSIS DATA VARIABLE: N/A
PATIENT’S HOME ADDRESS

DEFINITION:
The patient’s home address (primary residence).

FIELD VALUES:
- Relevant value or data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alphanumeric

DATA SOURCE HIERARCHY GUIDE:
- Face sheet
- Admission Form
- Billing Sheet
- ePCR
- Government Issued ID

NTDB DATA VARIABLE: N/A

NEMSIS DATA VARIABLE: ePatient.05
PATIENT’S HOME ZIP/POSTAL CODE

DEFINITION:
The patient’s home ZIP/Postal Code of primary residence.

FIELD VALUES:
- Relevant value or data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Face sheet
- Admission Form
- Billing Sheet
- ePCR
- Government Issued ID

NTDB DATA VARIABLE: D_01
NEMSIS DATA VARIABLE: ePatient.09
PATIENT'S HOME CITY

DEFINITION:
The patient’s city (or township, or village) of residence.

FIELD VALUES:
- Relevant value or data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- Face sheet
- Admission Form
- Billing Sheet
- ePCR
- Government Issued ID

NTDB DATA VARIABLE: D_05
NEMSIS DATA VARIABLE: ePatient.06
PATIENT’S HOME COUNTY
DEFINITION:
The patient’s county (or parish) of residence.

FIELD VALUES:
- Relevant value or data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- Face sheet
- Admission Form
- Billing Sheet
- ePCR
- Government Issued ID

NTDB DATA VARIABLE: D_04
NEMSIS DATA VARIABLE: ePatient.07
PATIENT'S HOME STATE

DEFINITION:
The state (territory, province, or District of Columbia) where the patient resides.

FIELD VALUES:
• Relevant value or data element.

ADDITIONAL INFORMATION:
• DATA ABSTRACT MANUAL

DATA TYPE:
• Alpha

DATA SOURCE HIERARCHY GUIDE:
• Face sheet
• Admission Form
• Billing Sheet
• ePCR
• Government Issued ID

NTDB DATA VARIABLE: D_03
NEMSIS DATA VARIABLE: ePatient.08
PATIENT’S HOME COUNTRY
DEFINITION:
The country where the patient resides.

FIELD VALUES:
- Relevant value or data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- Face sheet
- Admission Form
- Billing Sheet
- ePCR
- Government Issued ID

NTDB DATA VARIABLE: D_02
NEMSIS DATA VARIABLE: ePatient.10
PATIENT’S ALTERNATE RESIDENCE
DEFINITION:
Documentation of the type of patient without a home ZIP/Postal Code.

FIELD VALUES:

• Homeless

ADDITIONAL INFORMATION:

• DATA ABSTRACT MANUAL

DATA TYPE:

• Alpha

DATA SOURCE HIERARCHY GUIDE:

• Face sheet
• Admission Form
• ePCR

NTDB DATA VARIABLE: D_06
NEMSIS DATA VARIABLE: N/A
INCIDENT INFORMATION
INJURY DATE
DEFINITION:
The date the injury occurred.

FIELD VALUES:
• Relevant value for data element.

ADDITIONAL INFORMATION:
• DATA ABSTRACT MANUAL

DATA TYPE:
• Numeric

DATA SOURCE HIERARCHY GUIDE:
• Face sheet
• Admission Form
• ePCR
• Triage / Trauma Flow Sheet

NTDB DATA VARIABLE: I_01
NEMSIS DATA VARIABLE: eSituation.01
INJURY TIME

DEFINITION:

The time the injury occurred.

FIELD VALUES:

- Relevant value for data element.

ADDITIONAL INFORMATION:

- DATA ABSTRACT MANUAL

DATA TYPE:

- Numeric

DATA SOURCE HIERARCHY GUIDE:

- Face sheet
- Admission Form
- ePCR
- Triage / Trauma Flow Sheet

NTDB DATA VARIABLE: I_02

NEMSIS DATA VARIABLE: eSituation.01
LOCATION OF INCIDENT

DEFINITION:
Place of occurrence external cause code used to describe the place/site/location of the injury event (Y92.X).

FIELD VALUES:
- Relevant ICD-10-CM code value for injury event.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alphanumeric

DATA SOURCE HIERARCHY GUIDE:
- ePCR
- Triage / Trauma Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: I_07
NEMSIS DATA VARIABLE: eScene.09
INCIDENT LOCATION ZIP/POSTAL CODE

**DEFINITION:**
The ZIP/Postal Code of the incident location.

**FIELD VALUES:**
- Relevant value for data element.

**ADDITIONAL INFORMATION:**
- DATA ABSTRACT MANUAL

**DATA TYPE:**
- Numeric

**DATA SOURCE HIERARCHY GUIDE:**
- ePCR
- Triage / Trauma Flow Sheet
- Nurses Notes

**NTDB DATA VARIABLE:** I_09

**NEMSIS DATA VARIABLE:** eScene.19
INCIDENT CITY
DEFINITION:
The city or township where the patient was found or to which the unit responded.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- ePCR
- Triage / Trauma Flow Sheet

NTDB DATA VARIABLE: I_13
NEMSIS DATA VARIABLE: eScene.17
INCIDENT COUNTY
DEFINITION:
The county or parish where the patient was found or to which the unit responded (or best approximation).

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- ePCR
- Triage / Trauma Flow Sheet

NTDB DATA VARIABLE: I_12
NEMSIS DATA VARIABLE: eScene.21
INCIDENT STATE

DEFINITION:
The state, territory, or province where the patient was found or to which the unit responded. (or best approximation).

FIELD VALUES:

- Relevant value for data element.

ADDITIONAL INFORMATION:

- DATA ABSTRACT MANUAL

DATA TYPE:

- Alpha

DATA SOURCE HIERARCHY GUIDE:

- ePCR
- Triage / Trauma Flow Sheet
- Nurses Notes

NTDB DATA VARIABLE: I_11

NEMSIS DATA VARIABLE: eScene.18
INCIDENT COUNTRY
DEFINITION:
The country where the patient was found or to which the unit responded (or best approximation).

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- ePCR
- Triage / Trauma Flow Sheet
- Nurses Notes

NTDB DATA VARIABLE: I_10
NEMSIS DATA VARIABLE: eScene.22
INCIDENT ADDRESS
DEFINITION:
The physical address of the incident location.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alphanumeric

DATA SOURCE HIERARCHY GUIDE:
- ePCR
- Triage / Trauma Flow Sheet

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: eScene.15
INCIDENT LATITUDE
DEFINITION:
The exact latitude of the incident location.

FIELD VALUES:
• Relevant value for data element.

ADDITIONAL INFORMATION:
• DATA ABSTRACT MANUAL

DATA TYPE:
• Numeric

DATA SOURCE HIERARCHY GUIDE:
• ePCR

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: eScene.11

MANDATORY = NO
INCIDENT LONGITUDE
DEFINITION:
The exact longitude of the incident location.

FIELD VALUES:
• Relevant value for data element.

ADDITIONAL INFORMATION:
• DATA ABSTRACT MANUAL

DATA TYPE:
• Numeric

DATA SOURCE HIERARCHY GUIDE:
• ePCR

NTDB DATA VARIABLE: N/A

NEMSIS DATA VARIABLE: eScene.11

MANDATORY = NO
MECHANISMS OF INJURY
DEFINITION:
The mechanism of injury that caused the patients primary injury.

FIELD VALUES:
- Blunt
- Penetrating
- Other
- Burn w/ Trauma

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- ePCR
- Triage / Trauma Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: eInjury.02
FALL HEIGHT
DEFINITION:
The height of a fall in feet. Measured from the lowest point of the patient to the ground.

FIELD VALUES:
• Relevant value for data element

ADDITIONAL INFORMATION:
• DATA ABSTRACT MANUAL

DATA TYPE:
• Numeric

DATA SOURCE HIERARCHY GUIDE:
• ePCR
• Triage / Trauma Flow Sheet

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: eInjury.09
ICD-10 PRIMARY EXTERNAL CAUSE CODE

DEFINITION:
External cause code used to describe the mechanism (or external factor) that caused the injury event.

FIELD VALUES:
- Relevant ICD-10-CM code value for injury event.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alphanumeric

DATA SOURCE HIERARCHY GUIDE:
- Triage / Trauma Flow Sheet
- ePCR
- Admission Form
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: I_06

NEMSIS DATA VARIABLE: eInjury.01
ADDITIONAL ICD-10-CM EXTERNAL CAUSE CODE
DEFINITION:
Additional External Cause Code used in conjunction with the Primary External Cause Code if multiple external cause codes are
required to describe the injury event.

FIELD VALUES:
- Relevant ICD-10-CM code value for injury event.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL
- External cause codes for child and adult abuse take priority over all other external cause codes.
- External cause codes for terrorism events take priority over all other external cause codes except child and adult abuse.
- External cause codes for cataclysmic events take priority over all other external cause codes except child and adult abuse, and terrorism.
- External cause codes for transport accidents take priority over all other external cause codes except cataclysmic events, and child and adult abuse, and terrorism.
- The first listed external cause code should correspond to the cause of the most serious diagnosis due to an assault, accident, or self-harm, following the order of hierarchy listed above.

DATA TYPE:
- Alphanumeric

DATA SOURCE HIERARCHY GUIDE:
- ePCR
- Triage / Trauma Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: I_08
NEMSIS DATA VARIABLE: N/A
PROTECTIVE DEVICES
DEFINITION:
Protective devices (safety equipment) in use or worn by the patient at the time of the injury.

FIELD VALUES:
- None
- Lap Belt
- Personal Flotation Device
- Protective Non-Clothing Gear (shin guard, etc.)
- Eye Protection
- Child Restraint (booster seat or child car seat)
- Helmet (bicycle, skiing, motorcycle)
- Airbag Present (deployed)
- Protective Clothing (padded leather pants)
- Shoulder Belt
- Other

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- ePCR
- Triage / Trauma Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: I_14
NEMSIS DATA VARIABLE: eInjury.07
CHILD SPECIFIC RESTRAINT
DEFINITION:
Protective child restraint devices used by patient at the time of injury.

FIELD VALUES:
- Child Car Seat
- Infant Car Seat
- Child Booster Seat

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- ePCR
- Triage / Trauma Flow Sheet

NTDB DATA VARIABLE: I_15
NEMSIS DATA VARIABLE: eInjury.07
AIRBAG DEPLOYMENT
DEFINITION:
Indication of airbag deployment during a motor vehicle crash.

FIELD VALUES:
- Airbag Not Deployed
- Airbag Deployed Front
- Airbag Deployed Side
- Airbag Deployed Other (knee, airbelt, curtain, etc.)

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- ePCR
- Triage / Trauma Flow Sheet
- Nursing Notes

NTDB DATA VARIABLE: I_16
NEMSIS DATA VARIABLE: eInjury.08
OSHA PERSONAL PROTECTIVE DEVICE
DEFINITION:
Documentation that the patient was wearing an OSHA required protective device.

FIELD VALUES:
- Eye and Face Protection
- Foot Protection
- Head Protection
- Hearing Protection
- Respiratory Protection
- Safety Belts, Lifelines, Lanyards
- Safety Nets

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- ePCR
- Triage / Trauma Flow Sheet

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: eInjury.10
INJURY COMMENTS

DEFINITION:
Free text field for further information to explain incident or make notes.

FIELD VALUES:
• Relevant value for data element.

ADDITIONAL INFORMATION:
• DATA ABSTRACT MANUAL

DATA TYPE:
• Alphanumeric

DATA SOURCE HIERARCHY GUIDE:
• None

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: eNarrative.01

MANDATORY = NO
WORK RELATED
DEFINITION:

Indication of whether the injury occurred during paid employment.

FIELD VALUES:

- Yes
- No

ADDITIONAL INFORMATION:

- DATA ABSTRACT MANUAL

DATA TYPE:

- Alpha

DATA SOURCE HIERARCHY GUIDE:

- ePCR
- Triage / Trauma Flow Sheet
- Face sheet
- Billing Sheet

NTDB DATA VARIABLE: I_03

NEMSIS DATA VARIABLE: eSituation.14
PATIENT’S OCCUPATION

DEFINITION:
The occupation of the patient.

FIELD VALUES:
- Business and Financial Operations Occupations
- Architecture and Engineering Occupations
- Community and Social Services Occupations
- Education, Training, and Library Occupations
- Healthcare Practitioners and Technical Occupations
- Protective Service Occupations
- Building and Grounds Cleaning and Maintenance
- Sales and Related Occupations
- Farming, Fishing, and Forestry Occupations
- Installation, Maintenance, and Repair Occupations
- Transportation and Material Moving Occupations
- Management Occupations
- Computer and Mathematical Occupations
- Life, Physical, and Social Science Occupations
- Legal Occupations
- Arts, Design, Entertainment, Sports, and Media
- Healthcare Support Occupations
- Food Preparation and Service Occupations
- Personal Care and Service Occupations
- Office and Administrative Support Occupations
- Construction and Extraction Occupations
- Production Occupations
- Military Specific Occupations

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- ePCR
- Face sheet
- Billing Sheet

NTDB DATA VARIABLE: I_05   NEMSIS DATA VARIABLE: eSituation.16
**PATIENT'S OCCUPATIONAL INDUSTRY**

**DEFINITION:**
The occupational industry of the patient.

**FIELD VALUES:**
- Finance, Insurance, and Real Estate
- Manufacturing
- Retail Trade
- Transportation and Public Utilities
- Agriculture, Forestry, Fishing
- Professional and Business Services
- Education and Health Services
- Construction
- Government
- Natural Resources and Mining
- Information Service
- Wholesale Trade
- Leisure and Hospitality
- Other Services

**ADDITIONAL INFORMATION:**
- DATA ABSTRACT MANUAL

**DATA TYPE:**
- Alpha

**DATA SOURCE HIERARCHY GUIDE:**
- ePCR
- Face sheet
- Billing Sheet

**NTDB DATA VARIABLE:** I_04

**NEMSIS DATA VARIABLE:** eSituation.15
PRE-HOSPITAL INFORMATION
TRANSPORT TYPE
DEFINITION:
The type of transport to the ED/Hospital

FIELD VALUES:
• First Responder
• Assisting Transport
• Inter-Facility Transfer
• Transport from Scene

ADDITIONAL INFORMATION:
• DATA ABSTRACT MANUAL

DATA TYPE:
• Alpha

DATA SOURCE HIERARCHY GUIDE:
• ePCR
• Triage / Trauma Flow Sheet

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: dVehicle.05
TRANSPORT MODE
DEFINITION:
Documentation of how the patient arrived at the ED/Hospital

FIELD VALUES:
- Fixed Wing Ambulance
- Ground Ambulance
- Helicopter Ambulance
- Police
- Private / Public Vehicle / Walk – In
- Other

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- ePCR
- Triage / Trauma Flow Sheet

NTDB DATA VARIABLE: P_07
NEMSIS DATA VARIABLE: eDisposition.17
EMS ePCR NUMBER (PARTIAL)

**DEFINITION:**

The Emergency Medical Services (EMS) Electronic Patient Care Report (ePCR) number.

**FIELD VALUES:**

- Relevant value for data element

**ADDITIONAL INFORMATION:**

- DATA ABSTRACT MANUAL

**DATA TYPE:**

- Alphanumeric

**DATA SOURCE HIERARCHY GUIDE:**

- ePCR
- Triage / Trauma Flow Sheet
- Face sheet

**NTDB DATA VARIABLE:** N/A

**NEMSIS DATA VARIABLE:** eInjury.12
TRANSPORTING AGENCY

DEFINITION:
The agency that transported the patient to the ED/Hospital.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alphanumeric

DATA SOURCE HIERARCHY GUIDE:
- ePCR
- Triage / Trauma Flow Sheet

NTDB DATA VARIABLE: N/A

NEMSIS DATA VARIABLE: dAgency.03
EMS UNIT DISPATCH DATE

DEFINITION:
The date the unit transporting the patient to the ED/Hospital was notified by dispatch.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- ePCR
- Triage / Trauma Flow Sheet

NTDB DATA VARIABLE: P_01
NEMSIS DATA VARIABLE: eTimes.03
EMS UNIT DISPATCH TIME
DEFINITION:
The time the unit transporting the patient to the ED/Hospital was notified by dispatch.

FIELD VALUES:
• Relevant value for data element.

ADDITIONAL INFORMATION:
• DATA ABSTRACT MANUAL

DATA TYPE:
• Numeric

DATA SOURCE HIERARCHY GUIDE:
• ePCR
• Triage / Trauma Flow Sheet

NTDB DATA VARIABLE: P_02
NEMSIS DATA VARIABLE: eTimes.03
EMS UNIT ARRIVAL DATE AT SCENE OR TRANSFERRING FACILITY

DEFINITION:
The date the unit transporting the patient arrived at the scene of injury or transferring facility.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- ePCR
- Triage / Trauma Flow Sheet

NTDB DATA VARIABLE: P_03
NEMSIS DATA VARIABLE: eTimes.06
EMS UNIT ARRIVAL TIME AT SCENE OR TRANSFERRING FACILITY
DEFINITION:
Documentation of how the patient arrived at the ED/Hospital

FIELD VALUES:
- Relevant value for data element

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- ePCR
- Triage / Trauma Flow Sheet

NTDB DATA VARIABLE: P_04
NEMSIS DATA VARIABLE: eTimes.06
EMS UNIT DATE AT PATIENT

**DEFINITION:**
The date the transporting EMS unit arrived at the patient’s side.

**FIELD VALUES:**
- Relevant value for data element.

**ADDITIONAL INFORMATION:**
- DATA ABSTRACT MANUAL

**DATA TYPE:**
- Numeric

**DATA SOURCE HIERARCHY GUIDE:**
- ePCR
- Triage / Trauma Flow Sheet

**NTDB DATA VARIABLE:** N/A

**NEMSIS DATA VARIABLE:** eTimes.07
EMS UNIT TIME AT PATIENT
DEFINITION:
The time the transporting EMS unit arrived at the patient’s side.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- ePCR
- Triage / Trauma Flow Sheet

NTDB DATA VARIABLE: N/A

NEMSIS DATA VARIABLE: eTimes.07
DATE EMS UNIT DEPARTED SCENE OR TRANSFERRING FACILITY

DEFINITION:
The date the unit transporting the patient departed the scene/transferring facility.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- ePCR
- Triage / Trauma Flow Sheet

NTDB DATA VARIABLE: P_05
NEMSIS DATA VARIABLE: eTimes.09
TIME EMS UNIT DEPARTED SCENE OR TRANSFERRING FACILITY

DEFINITION:
The time the unit transporting the patient departed the scene/transferring facility.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- ePCR
- Triage / Trauma Flow Sheet

NTDB DATA VARIABLE: P_06
NEMSIS DATA VARIABLE: eTimes.09
DATE EMS UNIT ARRIVED AT ED/HOSPITAL

DEFINITION:
The date the unit transporting the patient arrived at the ED/Hospital.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- ePCR
- Triage / Trauma Flow Sheet

NTDB DATA VARIABLE: ED_01
NEMSIS DATA VARIABLE: eTimes.11
TIME EMS UNIT ARRIVED AT ED/HOSPITAL

DEFINITION:
The time the transporting EMS unit arrived at the ED/Hospital.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- ePCR
- Triage / Trauma Flow Sheet

NTDB DATA VARIABLE: ED_02
NEMSIS DATA VARIABLE: eTimes.11
RESPONSE TIME
DEFINITION:
The calculated time from when the transporting EMS unit was dispatched to the time EMS unit arrived on scene or referring ED/Hospital.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- ePCR
- Triage / Trauma Flow Sheet

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
SCENE TIME
DEFINITION:
The calculated time from when the transporting EMS unit arrived at the scene of injury to the time the transporting EMS unit departed the scene on injury.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- ePCR
- Triage / Trauma Flow Sheet

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
TRANSPORT TIME
DEFINITION:
The calculated time from when the transporting EMS unit departed scene to the time transporting EMS unit arrived at ED/Hospital.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- ePCR
- Triage / Trauma Flow Sheet

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
MCI (MASS CASUALTY INCIDENT)
DEFINITION:
Defined as any incident in which EMS resources such as personnel or equipment, are overwhelmed by the number and severity of casualties.

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- ePCR
- Triage / Trauma Flow Sheet

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: eScene.07
EMS DESTINATION
DEFINITION:
Documentation of the ED/Hospital that will be receiving the patient from a referring ED/Hospital.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- ePCR
- Triage / Trauma Flow Sheet

NTDB DATA VARIABLE: N/A

NEMSIS DATA VARIABLE: eDisposition.01
EMS ePCR NUMBER (COMPLETE)

**DEFINITION:**

Documentation of the complete Electronic Patient Care Report (ePCR) number.

**FIELD VALUES:**

- Relevant value for the data element.

**ADDITIONAL INFORMATION:**

- DATA ABSTRACT MANUAL

**DATA TYPE:**

- Alphanumeric

**DATA SOURCE HIERARCHY GUIDE:**

- ePCR

**NTDB DATA VARIABLE:** N/A

**NEMSIS DATA VARIABLE:** eInjury.12
PRE-HOSPITAL PROCEDURES

DEFINITION:
Pre-hospital procedures performed on the patient.

FIELD VALUES:
• Relevant value for data element.

ADDITIONAL INFORMATION:
• DATA ABSTRACT MANUAL

DATA TYPE:
• Alphanumeric

DATA SOURCE HIERARCHY GUIDE:
• ePCR

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: eProcedures.03
DATE OF EMS VITALS

DEFINITION:
The date of initial EMS vitals.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- ePCR

NTDB DATA VARIABLE: N/A

NEMSIS DATA VARIABLE: eVitals.01
TIME OF EMS VITALS

DEFINITION:
The time of initial EMS vitals.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- ePCR

NTDB DATA VARIABLE: N/A

NEMSIS DATA VARIABLE: eVitals.01
INITIAL FIELD EMS PULSE
DEFINITION:
First recorded pulse measured at the scene of injury (palpated or auscultated), expressed as a number per minute.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- ePCR

NTDB DATA VARIABLE: P_10
NEMSIS DATA VARIABLE: eVitals.10
INITIAL FIELD RESPIRATORY RATE
DEFINITION:
First recorded respiratory rate measured at the scene of injury.

FIELD VALUES:
  • Relevant value for data element.

ADDITIONAL INFORMATION:
  • DATA ABSTRACT MANUAL

DATA TYPE:
  • Numeric

DATA SOURCE HIERARCHY GUIDE:
  • ePCR

NTDB DATA VARIABLE: P_11
NEMSIS DATA VARIABLE: eVitals.14
INITIAL FIELD SYSTOLIC BLOOD PRESSURE
DEFINITION:
The initial systolic blood pressure measured at the scene of injury.

FIELD VALUES:
• Relevant value for data element.

ADDITIONAL INFORMATION:
• DATA ABSTRACT MANUAL

DATA TYPE:
• Numeric

DATA SOURCE HIERARCHY GUIDE:
• ePCR

NTDB DATA VARIABLE: P_09
NEMSIS DATA VARIABLE: eVitals.06
INITIAL FIELD OXYGEN SATURATION
DEFINITION:
First recorded oxygen saturation measured at the scene on injury.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- ePCR

NTDB DATA VARIABLE: P_12
NEMSIS DATA VARIABLE: eVitals.12
INITIAL FIELD GCS - EYE

DEFINITION:
First recorded Glasgow Coma Score (Eye) measured at the scene of injury.

FIELD VALUES: (SAME FOR ADULT AND PEDIATRIC)
- 1. No eye movement when assessed
- 2. Opens eyes in response to painful stimulation
- 3. Opens eyes in response to verbal stimulation
- 4. Opens eyes spontaneously

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- ePCR

NTDB DATA VARIABLE: P_13
NEMSIS DATA VARIABLE: eVitals.19
INITIAL FIELD GCS - VERBAL
DEFINITION:
First recorded Glasgow Coma Score (Verbal) measured at the scene in injury.

FIELD VALUES: PEDIATRIC ≤ 2 YEARS
- 1. No verbal response
- 2. Inconsolable, agitated
- 3. Inconsistently consolable, moaning
- 4. Cries but is consolable, inappropriate interactions
- 5. Smiles, oriented to sounds, follows objects, interacts

FIELD VALUES: ADULT
- 1. No verbal response
- 2. Incomprehensible sounds
- 3. Inappropriate words
- 4. Confused
- 5. Oriented

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- ePCR

NTDB DATA VARIABLE: P_14
NEMSIS DATA VARIABLE: eVitals.20
INITIAL FIELD GCS - MOTOR
DEFINITION:
First recorded Glasgow Coma Score (Motor) measured at the scene in injury.

FIELD VALUES: PEDIATRIC ≤ 2 YEARS
- 1. No motor response
- 2. Extension to pain
- 3. Flexion to pain
- 4. Withdrawal from pain
- 5. Localizing pain
- 6. Appropriate response to stimulation

FIELD VALUES: ADULT
- 1. No motor response
- 2. Extension to pain
- 3. Flexion to pain
- 4. Withdrawal from pain
- 5. Localizing pain
- 6. Obeys commands

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- ePCR

NTDB DATA VARIABLE: P_15
NEMSIS DATA VARIABLE: eVitals.21
INITIAL FIELD GCS – TOTAL
DEFINITION:
First recorded Glasgow Coma Score (Total) measured at the scene of injury.

FIELD VALUES:
• Relevant value for data element.

ADDITIONAL INFORMATION:
• DATA ABSTRACT MANUAL

DATA TYPE:
• Numeric

DATA SOURCE HIERARCHY GUIDE:
• ePCR

NTDB DATA VARIABLE: P_16
NEMSIS DATA VARIABLE: eVitals.23
INITIAL FIELD GCS 40 – EYE

DEFINITION:

First recorded Glasgow Coma Score 40 (Eye) measured at the scene of injury.

FIELD VALUES: PEDIATRIC < 5 YEARS

- 1. None
- 2. To Pain
- 3. To Sound
- 4. Spontaneous
- 0. Not Testable

FIELD VALUES: ADULT

- 1. None
- 2. To Pressure
- 3. To Sound
- 4. Spontaneous
- 0. Not testable

ADDITIONAL INFORMATION:

- DATA ABSTRACT MANUAL

DATA TYPE:

- Numeric

DATA SOURCE HIERARCHY GUIDE:

- ePCR

NTDB DATA VARIABLE: P_17

NEMSIS DATA VARIABLE: N/A

MANDATORY = NO
INITIAL FIELD GCS 40 – VERBAL
DEFINITION:
First recorded Glasgow Coma Score 40 (Verbal) measured at the scene of injury.

FIELD VALUES: PEDIATRIC < 5 YEARS
- 1. None
- 2. Cries
- 3. Vocal Sounds
- 4. Words
- 5. Talks Normally
- 0. Not Testable

FIELD VALUES: ADULT
- 1. None
- 2. Sounds
- 3. Words
- 4. Confused
- 5. Oriented
- 0. Not Testable

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- ePCR

NTDB DATA VARIABLE: P_18
NEMSIS DATA VARIABLE: N/A

MANDATORY = NO
INITIAL FIELD GCS 40 – MOTOR

DEFINITION:
First recorded Glasgow Coma Score 40 (Motor) measured at the scene of injury.

FIELD VALUES: PEDIATRIC < 5 YEARS

1. None
2. Extension to Pain
3. Flexion to Pain
4. Localizes Pain
5. Obeys Commands
0. Not Testable

FIELD VALUES: ADULT

1. None
2. Extension
3. Abnormal Flexion
4. Normal Flexion
5. Localizing
6. Obeys Commands
0. Not Testable

ADDITIONAL INFORMATION:
DATA ABSTRACT MANUAL

DATA TYPE:
Numeric

DATA SOURCE HIERARCHY GUIDE:
ePCR

NTDB DATA VARIABLE: P_19
MANDATORY = NO

NEMSIS DATA VARIABLE: N/A
EMS TIDAL CARBON DIOXIDE (ETC02)

DEFINITION:
The numeric value of the patients exhaled end tidal carbon dioxide (ETC02) level measured as a unit of pressure in millimeters of mercury (mmHg).

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL
- For intubated patients

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- ePCR

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: eVitals.16
TAKEN AT SCENE

DEFINITION:

Documentation to indicate if vitals were taken at scene of injury.

FIELD VALUES:

- Yes
- No

ADDITIONAL INFORMATION:

- DATA ABSTRACT MANUAL

DATA TYPE:

- Alpha

DATA SOURCE HIERARCHY GUIDE:

- ePCR

NTDB DATA VARIABLE: N/A

NEMSIS DATA VARIABLE: N/A
TRAUMA CENTER CRITERIA

DEFINITION:
Physiologic and anatomic EMS trauma triage criteria for transport to a trauma center as defined by the Centers for Disease Control and Prevention and the American College of Surgeons-Committee on Trauma. This information must be found on the scene of injury EMS Run Report.

FIELD VALUES:
- Glasgow Coma Score \(\leq 13\)
- Systolic blood pressure < 90 mmHg
- Respiratory rate < 10 or > 29 breaths per minute (20 in infants < 1 year) or need for ventilatory support
- All penetrating injuries to head, neck, torso, and extremities proximal to elbow or knee
- Chest wall instability or deformity (e.g., flail chest)
- Two or more proximal long-bone fractures
- Crushed, degloved, mangled, or pulseless extremity
- Amputation proximal to wrist or ankle
- Pelvic fracture
- Open or depressed skull fracture
- Paralysis

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alphanumeric

DATA SOURCE HIERARCHY GUIDE:
- ePCR

NTDB DATA VARIABLE: P_21
NEMSIS DATA VARIABLE: eInjury.03
VEHICULAR, PEDESTRIAN, OTHER RISK INJURY
DEFINITION:

EMS trauma triage mechanism of injury criteria for transport to a trauma center as defined by the Centers for Disease Control and Prevention and the American College of Surgeons-Committee on Trauma. This information must be found on the scene of injury EMS Run Report.

FIELD VALUES:

- Fall adults: > 20 ft. (one story is equal to 10ft.)
- Fall children: > 10 ft. or 2-3 times the height of the child
- Crash intrusion, including roof: > 12 in. occupant site; > 18 in. any site
- Crash ejection (partial or full) from automobile
- Crash vehicle telemetry data (AACN) consistent with high risk injury
- Crash death in same passenger compartment
- Auto v. pedestrian/bicyclist thrown, run over, or > 20 MPH impact
- Motorcycle crash > 20 MPH
- For adults > 65; SBP < 110
- Patients on anticoagulants and bleeding disorders
- Pregnancy > 20 weeks
- EMS provider judgement
- Burns
- Burns with Trauma

ADDITIONAL INFORMATION:

- DATA ABSTRACT MANUAL

DATA TYPE:

- Alphanumeric

DATA SOURCE HIERARCHY GUIDE:

- ePCR

NTDB DATA VARIABLE: P_22

NEMSIS DATA VARIABLE: eInjury.04
PRE-HOSPITAL CARDIAC ARREST

DEFINITION:
Documentation of whether patient experienced cardiac arrest prior to ED/Hospital arrival.

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- ePCR

NTDB DATA VARIABLE: P_23
NEMSIS DATA VARIABLE: eArrest.01
REFER-IN INFORMATION
INTER FACILITY TRANSFER
DEFINITION:
Is the patient a transfer from another ED/Hospital?

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- ePCR
- Triage / Trauma Flow Sheet
- Nursing Notes
- Face sheet
- Admission Form

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
REFERRING ED/HOSPITAL

DEFINITION:
The ED/Hospital that has referred the patient to your ED/Hospital.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- ePCR
- Triage / Trauma Flow Sheet
- Nursing Notes
- Face sheet
- Admission Form

NTDB DATA VARIABLE: N/A

NEMSIS DATA VARIABLE: N/A
ARRIVAL DATE

DEFINITION:
The date the patient arrived at the receiving hospital.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- ePCR
- Triage / Trauma Flow Sheet
- Nursing Notes
- Face sheet
- Admission Form

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
ARRIVAL TIME
DEFINITION:
The time the patient arrived at the receiving ED/Hospital.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- ePCR
- Triage / Trauma Flow Sheet
- Nursing Notes
- Face sheet
- Admission Form

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
DISCHARGE DATE
DEFINITION:
The date the patient was discharged from the referring ED/Hospital.

FIELD VALUES:
• Relevant value for data element.

ADDITIONAL INFORMATION:
• DATA ABSTRACT MANUAL

DATA TYPE:
• Numeric

DATA SOURCE HIERARCHY GUIDE:
• ePCR
• Triage / Trauma Flow Sheet
• Nursing Notes
• Face sheet
• Admission Form

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
DISCHARGE TIME

DEFINITION:
The time the patient was discharged from the referring ED/Hospital.

FIELD VALUES:
• Relevant value for data element.

ADDITIONAL INFORMATION:
• DATA ABSTRACT MANUAL

DATA TYPE:
• Numeric

DATA SOURCE HIERARCHY GUIDE:
• ePCR
• Triage / Trauma Flow Sheet
• Nursing Notes
• Face sheet
• Admission Form

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
LENGTH OF STAY
DEFINITION:
The calculated length of stay at the referring hospital.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- ePCR
- Triage / Trauma Flow Sheet
- Nursing Notes
- Face sheet
- Admission Form

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
INITIAL VITALS DATE

DEFINITION:
The date initial set of vitals were taken by the receiving ED/Hospital.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- ePCR
- Triage / Trauma Flow Sheet
- Nursing Notes
- Face sheet
- Admission Form

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
INITIAL VITALS TIME
DEFINITION:
The time the initial set of vitals were taken at the receiving ED/Hospital.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Triage / Trauma Flow Sheet
- Nursing Notes

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
INITIAL PULSE RATE
DEFINITION:
The initial pulse rate at receiving ED/Hospital.

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Triage / Trauma Flow Sheet
- Nursing Notes

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
INITIAL RESPIRATORY RATE
DEFINITION:
The initial respiratory rate at receiving ED/Hospital.

FIELD VALUES:
• Relevant value for data element.

ADDITIONAL INFORMATION:
• DATA ABSTRACT MANUAL

DATA TYPE:
• Numeric

DATA SOURCE HIERARCHY GUIDE:
• Triage / Trauma Flow Sheet
• Nursing Notes

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
INITIAL SYSTOLIC BLOOD PRESSURE
DEFINITION:
The initial systolic blood pressure at receiving ED/Hospital.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Triage / Trauma Flow Sheet
- Nursing Notes

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
INITIAL ED/HOSPITAL GCS - EYE

**DEFINITION:**
First recorded Glasgow Coma Score (Eye) recorded at receiving ED/Hospital.

**FIELD VALUES: ADULT AND PEDIATRIC**
- 1. No eye movement when assessed
- 2. Opens eyes in response to painful stimulation
- 3. Opens eyes in response to verbal stimulation
- 4. Opens eyes spontaneously

**ADDITIONAL INFORMATION:**
- DATA ABSTRACT MANUAL

**DATA TYPE:**
- Numeric

**DATA SOURCE HIERARCHY GUIDE:**
- ePCR

**NTDB DATA VARIABLE:** N/A

**NEMSIS DATA VARIABLE:** eVitals.19
INITIAL ED/HOSPITAL GCS - VERBAL

DEFINITION:
First recorded Glasgow Coma Score (Verbal) recorded at receiving ED/Hospital.

FIELD VALUES: ADULT
- 1. No verbal response
- 2. Incomprehensible sounds
- 3. Inappropriate words
- 4. Confused
- 5. Oriented

FIELD VALUES: PEDIATRIC ≤ 2 YEARS
- 1. No vocal response
- 2. Inconsolable, agitated
- 3. Inconsistently consolable, moaning
- 4. Cries but is consolable, inappropriate interactions
- 5. Smiles, oriented to sounds, follows objects, interacts

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Triage / Trauma Flow Sheet
- Nursing Notes

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: eVitals.19
INITIAL ED/HOSPITAL GCS - MOTOR

**DEFINITION:**
First recorded Glasgow Coma Score (Motor) recorded at receiving ED/Hospital.

**FIELD VALUES: ADULT**
- 1. No motor response
- 2. Extension to pain
- 3. Flexion to pain
- 4. Withdraws from pain
- 5. Localizing pain
- 6. Appropriate response to stimulation

**FIELD VALUES: PEDIATRIC ≤ 2 YEARS**
- 1. No motor response
- 2. Extension to pain
- 3. Flexion to pain
- 4. Withdraws from pain
- 5. Localizing pain
- 6. Appropriate response to stimulation

**ADDITIONAL INFORMATION:**
- DATA ABSTRACT MANUAL

**DATA TYPE:**
- Numeric

**DATA SOURCE HIERARCHY GUIDE:**
- ePCR
- Triage / Trauma Flow Sheet
- Nursing Notes

**NTDB DATA VARIABLE:** N/A  **NEMSIS DATA VARIABLE:** N/A
TOTAL GCS SCORE RECEIVING ED/HOSPITAL

DEFINITION:
The total Glasgow Coma Score (GCS).

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Triage / Trauma Flow Sheet
- Nursing Notes

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
REVISED TRAUMA SCORE (RTS)

DEFINITION:
The calculated Revised Trauma Score (RTS) at the receiving ED/Hospital.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Triage / Trauma Flow Sheet
- Nursing Notes

NTDB DATA VARIABLE: N/A

NEMSIS DATA VARIABLE: N/A
RECEIVING ED/HOSPITAL ADDITIONAL COMMENTS

DEFINITION:
The initial systolic blood pressure at receiving ED/Hospital.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alphanumeric

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: N/A
NEWIS DATA VARIABLE: N/A

MANDATORY = NO
EMERGENCY DEPARTMENT INFORMATION
SIGNS OF LIFE
DEFINITION:
Indication of whether patient arrived in ED/Hospital with signs of life.

FIELD VALUES:
- Arrived with NO signs of life
- Arrived with signs of life

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: ED_24
NEMSIS DATA VARIABLE: N/A
ED/HOSPITAL ARRIVAL TIME

DEFINITION:
The time the patient arrived in the ED/Hospital.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: ED_02
NEMSIS DATA VARIABLE: N/A
ED DISCHARGE DATE

DEFINITION:
The date the patient was discharged from the ED. (ED ONLY)

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: ED_25

NEMSIS DATA VARIABLE: N/A
ED DISCHARGE TIME

DEFINITION:
The time the patient was discharged from the ED.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: ED_26
NEMSIS DATA VARIABLE: N/A
ED DISCHARGE ORDER DATE

DEFINITION:
The date the order was written for the patient to be discharged from the ED.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: N/A

NEMSIS DATA VARIABLE: N/A
ED DISCHARGE ORDER TIME

**DEFINITION:**
The time the order was written for the patient to be discharged from the ED.

**FIELD VALUES:**
- Relevant value for data element.

**ADDITIONAL INFORMATION:**
- DATA ABSTRACT MANUAL

**DATA TYPE:**
- Numeric

**DATA SOURCE HIERARCHY GUIDE:**
- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

**NTDB DATA VARIABLE:** N/A

**NEMSIS DATA VARIABLE:** N/A
ED DISCHARGE DISPOSITION

DEFINITION:
The disposition of the patient at the time of discharge from the ED.

FIELD VALUES:
- Floor bed (general admission, non-specialty unit bed)
- Observation unit (unit that provides <24-hour stays)
- Telemetry / step-down (less acuity than ICU)
- Home with services
- Deceased/expired
- Other (jail, institutional care, mental health, etc.)
- Operating Room
- Intensive Care Unit (ICU)
- Home without services
- Left against Medical Advice (AMA)
- Transferred to another hospital

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: ED_23
NEMSIS DATA VARIABLE: N/A
POLST
DEFINITION:
Is there documentation of an Oregon POLST form?

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- Oregon POLST Registry
- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
ED LENGTH OF STAY

DEFINITION:
The calculated ED length of stay for the patient.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
ED DISCHARGE ORDER LOS

DEFINITION:
The calculated length of time from when the discharge order was written, and the patient physically left the ED.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Oregon POLST Registry
- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: N/A

NEMSIS DATA VARIABLE: N/A
**ED/HOSPITAL CHIEF COMPLAINT**

**DEFINITION:**
The reason that the patient sought care or attention at the ED/Hospital.

**FIELD VALUES:**
- Relevant value for data element.

**ADDITIONAL INFORMATION:**
- DATA ABSTRACT MANUAL

**DATA TYPE:**
- Alphanumeric

**DATA SOURCE HIERARCHY GUIDE:**
- ePCR
- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

**NTDB DATA VARIABLE:** N/A

**NEMSIS DATA VARIABLE:** N/A
DATE OF INITIAL ED/HOSPITAL VITALS

DEFINITION:
The date of initial ED/Hospital vitals.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
TIME OF INITIAL ED/HOSPITAL VITALS
DEFINITION:
The time of initial ED/Hospital vitals.

FIELD VALUES:

• Relevant value for data element.

ADDITIONAL INFORMATION:

• DATA ABSTRACT MANUAL

DATA TYPE:

• Numeric

DATA SOURCE HIERARCHY GUIDE:

• Trauma / Triage Flow Sheet
• Nurses Notes
• Progress Notes

NTDB DATA VARIABLE: N/A

NEMSIS DATA VARIABLE: N/A
INITIAL ED/HOSPITAL TEMPERATURE
DEFINITION:
First recorded temperature in the ED/Hospital.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: ED_05
NEMSIS DATA VARIABLE: N/A
INITIAL ED/HOSPITAL TEMPERATURE UNIT OF MEASUREMENT

DEFINITION:
First recorded temperature in the ED/Hospital unit of measurement.

FIELD VALUES:
- Celsius
- Fahrenheit

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
INITIAL ED/HOSPITAL PULSE RATE
DEFINITION:
First recorded pulse in ED/Hospital.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: ED_04
NEMSIS DATA VARIABLE: N/A
INITIAL ED/HOSPITAL RESPIRATORY RATE
DEFINITION:
First recorded respiratory rate in the ED/Hospital.

FIELD VALUES:
  - Relevant value for data element.

ADDITIONAL INFORMATION:
  - DATA ABSTRACT MANUAL

DATA TYPE:
  - Numeric

DATA SOURCE HIERARCHY GUIDE:
  - Trauma / Triage Flow Sheet
  - Nurses Notes
  - Progress Notes

NTDB DATA VARIABLE: ED_06
NEMSIS DATA VARIABLE: N/A
INITIAL ED/HOSPITAL SYSTOLIC BLOOD PRESSURE

DEFINITION:
First recorded systolic blood pressure in the ED/Hospital.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: ED_03
NEMSIS DATA VARIABLE: N/A
INITIAL ED/HOSPITAL DIASTOLIC BLOOD PRESSURE
DEFINITION:
First recorded diastolic blood pressure in the ED/Hospital.

FIELD VALUES:
• Relevant value for data element.

ADDITIONAL INFORMATION:
• DATA ABSTRACT MANUAL

DATA TYPE:
• Numeric

DATA SOURCE HIERARCHY GUIDE:
• Trauma / Triage Flow Sheet
• Nurses Notes
• Progress Notes

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
INITIAL ED/HOSPITAL OXYGEN SATURATION (O2 SAT)

DEFINITION:
First recorded oxygen saturation rate (O2 SAT) in the ED/Hospital.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: ED_08
NEMSIS DATA VARIABLE: N/A
INITIAL ED/HOSPITAL RESPIRATORY ASSISTANCE

DEFINITION:
Initial documentation of the patient receiving or not receiving respiratory assistance at the ED/Hospital.

FIELD VALUES:
- Unassisted Respiratory Rate
- Assisted Respiratory Rate

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: ED_07

NEMSIS DATA VARIABLE: N/A
INITIAL ED/HOSPITAL SUPPLEMENTAL OXYGEN (O2)

DEFINITION:
Initial documentation of the patient receiving or not receiving supplemental oxygen at the ED/Hospital.

FIELD VALUES:
- No supplemental oxygen
- Supplemental oxygen

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: ED_09
NEMSIS DATA VARIABLE: N/A
INITIAL ED/HOSPITAL GCS – EYE

DEFINITION:

First recorded Glasgow Coma Score (Eye) in the ED/Hospital.

FIELD VALUES: ADULT AND PEDIATRIC

- 1. No eye movement when assessed
- 2. Opens eyes in response to painful stimulation
- 3. Opens eyes in response to verbal stimulation
- 4. Opens eyes spontaneously

ADDITIONAL INFORMATION:

- DATA ABSTRACT MANUAL

DATA TYPE:

- Numeric

DATA SOURCE HIERARCHY GUIDE:

- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: ED_10

NEMSIS DATA VARIABLE: N/A
INITIAL ED/HOSPITAL GCS – VERBAL

DEFINITION:

First recorded Glasgow Coma Score (Verbal) in the ED/Hospital.

FIELD VALUES: ADULT

- 1. No verbal response
- 2. Incomprehensible sounds
- 3. Inappropriate words
- 4. Confused
- 5. Oriented

FIELD VALUES: PEDIATRIC

- 1. No vocal response
- 2. Inconsolable, agitated
- 3. Inconsistently consolable, moaning
- 4. Cries but is consolable, inappropriate interactions
- 5. Smiles, oriented to sounds, follows objects, interacts

ADDITIONAL INFORMATION:

- DATA ABSTRACT MANUAL

DATA TYPE:

- Numeric

DATA SOURCE HIERARCHY GUIDE:

- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: ED_11

NEMSIS DATA VARIABLE: N/A
INITIAL ED/HOSPITAL GCS – MOTOR

DEFINITION:
First recorded Glasgow Coma Score (Motor) in the ED/Hospital.

FIELD VALUES: ADULT

- 1. No motor response
- 2. Extension to pain
- 3. Flexion from pain
- 4. Withdrawal from pain
- 5. Localizing pain
- 6. Appropriate response to stimulation

FIELD VALUES: PEDIATRIC

- 1. No motor response
- 2. Extension to pain
- 3. Flexion to pain
- 4. Withdrawal from pain
- 5. Localizing pain
- 6. Appropriate response to stimulation

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: ED_12  NEMSIS DATA VARIABLE: N/A
INITIAL ED/HOSPITAL GCS - TOTAL
DEFINITION:
The calculated Glasgow Coma Score (GCS) total.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: ED_13
NEMSIS DATA VARIABLE: N/A
INITIAL ED/HOSPITAL GCS ASSESSMENT QUALIFIER

DEFINITION:

Documentation of factors which make the GCS more meaningful.

FIELD VALUES:

- Obstruction to the Patient’s Eye
- Valid GCS: Patient was not Sedated, not Intubated, and did not have obstruction to the Eye
- Patient Chemically Sedated or Paralyzed
- Patient Intubated

ADDITIONAL INFORMATION:

- DATA ABSTRACT MANUAL

DATA TYPE:

- Alpha

DATA SOURCE HIERARCHY GUIDE:

- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: ED_14

NEMSIS DATA VARIABLE: N/A
INITIAL ED/HOSPITAL GCS 40 - EYE

**DEFINITION:**
First recorded Glasgow Coma Score 40 (Eye) in the ED/Hospital within 30 minutes or less of ED/Hospital arrival.

**FIELD VALUES: ADULT**
- 1. None
- 2. To Pressure
- 3. To Sound
- 4. Spontaneous
- 0. Not Testable

**FIELD VALUES: PEDIATRIC < 5 YEARS**
- 1. None
- 2. To Pain
- 3. To Sound
- 4. Spontaneous
- 0. Not Testable

**ADDITIONAL INFORMATION:**
- DATA ABSTRACT MANUAL

**DATA TYPE:**
- Numeric

**DATA SOURCE HIERARCHY GUIDE:**
- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

**NTDB DATA VARIABLE:** ED_15  
**MANDATORY = NO**

**NEMSIS DATA VARIABLE:** N/A
INITIAL ED/HOSPITAL GCS 40 - VERBAL

**DEFINITION:**
First recorded Glasgow Coma Score 40 (Verbal) in the ED/Hospital within 30 minutes or less of ED/Hospital arrival.

**FIELD VALUES: ADULT**
- 1. None
- 2. Sounds
- 3. Words
- 4. Confused
- 5. Oriented
- 0. Not Testable

**FIELD VALUES: PEDIATRIC < 5 YEARS**
- 1. None
- 2. Cries
- 3. Vocal Sounds
- 4. Words
- 5. Talks Normally
- 0. Not Testable

**ADDITIONAL INFORMATION:**
- DATA ABSTRACT MANUAL

**DATA TYPE:**
- Numeric

**DATA SOURCE HIERARCHY GUIDE:**
- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

**NTDB DATA VARIABLE:** ED_16  MANDATORY = NO

**NEMSIS DATA VARIABLE:** N/A
INITIAL ED/HOSPITAL GCS 40 - MOTOR

DEFINITION:
First recorded Glasgow Coma Score 40 (Motor) in the ED/Hospital within 30 minutes or less of ED/Hospital arrival.

FIELD VALUES: ADULT

- 1. None
- 2. Extension
- 3. Abnormal Flexion
- 4. Normal Flexion
- 5. Localizing
- 6. Obeys Commands
- 0. Not Testable

FIELD VALUES: PEDIATRIC < 5 YEARS

- 1. None
- 2. Extension to Pain
- 3. Flexion to Pain
- 4. Localizes Pain
- 5. Obeys Commands
- 0. Not Testable

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: ED_17 MANDATORY = NO

NEMSIS DATA VARIABLE: N/A
REVISED TRAUMA SCORE (RTS)

DEFINITION:
The calculated Revised Trauma Score (RTS).

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
INITIAL ED/HOSPITAL WEIGHT
DEFINITION:
The initial recorded weight at ED/Hospital measured within 24 hours or less of ED/Hospital arrival.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: ED_19
NEMSIS DATA VARIABLE: N/A
INITIAL ED/HOSPITAL HEIGHT

DEFINITION:
First recorded height within 24 hours or less of ED/Hospital arrival.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: ED_18
NEMSIS DATA VARIABLE: N/A
ED/HOSPITAL ADDITIONAL COMMENTS

DEFINITION:
Additional comments regarding the ED/Hospital care a patient received.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A

MANDATORY = NO
INITIAL ED/HOSPITAL INJURY DIAGNOSES

DEFINITION:
The practitioner’s description of the condition or problem for which ED services were provided.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alphanumeric

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Attending ED Physician Notes
- Attending ED Nurse Documentation
- ICD-10-CM
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: N/A

NEMSIS DATA VARIABLE: eOutcome.10
LAB INFORMATION
ALCOHOL SCREEN

DEFINITION:

Documentation of an alcohol screen being performed on patient in ED/Hospital.

FIELD VALUES:

- Yes
- No

ADDITIONAL INFORMATION:

- DATA ABSTRACT MANUAL

DATA TYPE:

- Alpha

DATA SOURCE HIERARCHY GUIDE:

- Nurses Notes
- Progress Notes
- Lab Report

NTDB DATA VARIABLE: ED_21

NEMSIS DATA VARIABLE: N/A
ALCOHOL SCREEN RESULTS

DEFINITION:
The results of the alcohol screen done in the ED/Hospital.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Nurses Notes
- Progress Notes
- Lab Report

NTDB DATA VARIABLE: ED_22
NEMSIS DATA VARIABLE: N/A
**DRUG USE INDICATOR**

**DEFINITION:**
First recorded drug screen results within 24 hours after first ED/Hospital encounter.

**FIELD VALUES:**
- No (not tested)
- No (confirmed by test)
- Yes (illegal drug use confirmed by test)
- Yes (prescription drug use confirmed by test)
- Yes (prescription and illegal drug use confirmed by test)

**ADDITIONAL INFORMATION:**
- DATA ABSTRACT MANUAL

**DATA TYPE:**
- Alpha

**DATA SOURCE HIERARCHY GUIDE:**
- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes
- Lab Report

**NTDB DATA VARIABLE:** N/A

**NEMSIS DATA VARIABLE:** N/A
SCREENING / BRIEF INTERVENTION / REFERRAL TO TREATMENT (SBIRT)

DEFINITION:
Was a screening done with the patient?

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
SBIRT RESULT
DEFINITION:
Documentation of the patient’s reaction to the SBIRT screening.

FIELD VALUES:
- Positive
- Negative

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
SBIRT BRIEF INTERVENTION

DEFINITION:
Was a brief intervention done if the patient tested positive from the SBIRT screen?

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- Nurses Notes
- Progress Notes
- Case Manager
- Social Worker
- Attending Physician

NTDB DATA VARIABLE: N/A

NEMSIS DATA VARIABLE: N/A
SBIRT REFERRAL TO TREATMENT
DEFINITION:
If the patient was positive from the SBIRT screening, was the patient referred to treatment?

FIELD VALUES:

- Yes
- No

ADDITIONAL INFORMATION:

- DATA ABSTRACT MANUAL

DATA TYPE:

- Alpha

DATA SOURCE HIERARCHY GUIDE:

- Nurses Notes
- Progress Notes
- Social Worker
- Case Manager
- Attending Physician

NTDB DATA VARIABLE: N/A

NEMSIS DATA VARIABLE: N/A
LAB PANEL ORDERED

DEFINITION:

Description of the drug screen used.

FIELD VALUES:

- 5 panel
- 7 panel
- 8 panel
- 10 panel
- 12 panel
- 14 panel
- 15 panel
- 16 panel
- 17 panel
- Other

ADDITIONAL INFORMATION:

- DATA ABSTRACT MANUAL

DATA TYPE:

- Alphanumeric

DATA SOURCE HIERARCHY GUIDE:

- Lab Report

NTDB DATA VARIABLE: N/A

NEMSIS DATA VARIABLE: N/A
DRUG SCREEN RESULTS

DEFINITION:
Specific drugs used by the patient. If drug screen was positive.

FIELD VALUES:
- Amphetamine (AMP)
- Phencyclidine (PCP)
- Benzodiazepines (BZO)
- Barbiturates (BAR)
- Methadone (MTD)
- Methamphetamine (mAMP)
- Ecstasy (MDMA)
- Opioid (OPI)
- Cannabinoid (THC)**
- Cocaine (COC)
- Tricyclic Antidepressant (TCA)
- Oxycodone (OXY)
- None
- Not Tested
- Other

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- Lab Report

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
TRAUMA TEAM / PROVIDER INFORMATION
PATIENT ARRIVAL TIME

DEFINITION:
The time the patient arrived at the ED/Hospital.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Nurses Notes
- Face sheet
- Progress Notes

NTDB DATA VARIABLE: ED_01

NEMSIS DATA VARIABLE: eOutcome.11
ED/HOSPITAL ACTIVATION LEVEL

DEFINITION:
The response level of the ED/Hospital.

FIELD VALUES:
- Full Activation
- Modified Activation
- No Team Activation
- Retrospective

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: N/A

NEMSIS DATA VARIABLE: eOutcome.11
ED/HOSPITAL ACTIVATION DATE

DEFINITION:
The date the trauma team was activated at the ED/Hospital.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: N/A

NEMSIS DATA VARIABLE: eOutcome.11
ED/HOSPITAL ACTIVATION TIME

DEFINITION:
The time the trauma team was activated by the ED/Hospital.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: N/A

NEMSIS DATA VARIABLE: eOutcome.11
EARLIEST PATIENT ARRIVAL TO PROVIDER ARRIVAL
DEFINITION:
The calculated earliest arrival of a provider to the patient’s bedside.

FIELD VALUES:
• Relevant value for data element.

ADDITIONAL INFORMATION:
• DATA ABSTRACT MANUAL

DATA TYPE:
• Numeric

DATA SOURCE HIERARCHY GUIDE:
• Trauma / Triage Flow Sheet
• Nurses Notes
• Face sheet
• Progress Notes

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: eOutcome.11
TRAUMA TEAM PROVIDERS
DEFINITION:
The names of providers that responded to the level of activation by the ED/Hospital.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Nurses Notes
- Face sheet
- Progress Notes

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: eOutcome.11
TRAUMA TEAM MEMBER SPECIALTY
DEFINITION:
The specialty of the provider rendering care to the patient.

FIELD VALUES:
- ED Attending
- ED Resident
- Neurosurgeon
- Nurse Practitioner
- Nursing Supervisor
- Obstetrics
- Oral-Maxillofacial Surgeon (Includes ENT & Dental)
- Orthopedic Surgeon
- Pediatric Surgeon
- Pediatrics
- Plastics
- Specialty RN
- Trauma Nurse 1
- Trauma Nurse 2
- Trauma Surgeon

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Nurses Notes
- Face sheet
- Progress Notes

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: eOutcome.11
NOTIFY DATE
DEFINITION:
The earliest recorded date the trauma team member was notified (includes all forms of notification).

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Nurses Notes
- Face sheet
- Progress Notes

NTDB DATA VARIABLE: N/A

NEMSIS DATA VARIABLE: eOutcome.11
NOTIFY TIME
DEFINITION:
The earliest recorded time that the trauma team member was notified (includes all forms of notification).

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Nurses Notes
- Face sheet
- Progress Notes

NTDB DATA VARIABLE: N/A

NEMSIS DATA VARIABLE: eOutcome.11
ARRIVAL DATE

DEFINITION:
The earliest recorded date the provider arrived at patient’s bedside.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Nurses Notes
- Face sheet
- Progress Notes

NTDB DATA VARIABLE: N/A

NEMSIS DATA VARIABLE: eOutcome.11
ARRIVAL TIME
DEFINITION:
The earliest recorded time the provider arrived at patient’s bedside.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Nurses Notes
- Face sheet
- Progress Notes

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: eOutcome.11
PROVIDER RESPONSE TIME

DEFINITION:
The calculated time for provider’s response to patient bedside.

FIELD VALUES:

- Relevant value for data element.

ADDITIONAL INFORMATION:

- DATA ABSTRACT MANUAL

DATA TYPE:

- Numeric

DATA SOURCE HIERARCHY GUIDE:

- Trauma / Triage Flow Sheet
- Nurses Notes
- Face sheet
- Progress Notes

NTDB DATA VARIABLE: N/A

NEMSIS DATA VARIABLE: eOutcome.11
PATIENT ARRIVAL TO PROVIDER ARRIVAL

DEFINITION:
The total calculated time form the arrival of the patient, to the arrival of the provider at the patient’s bedside.

FIELD VALUES:

- Relevant value for data element.

ADDITIONAL INFORMATION:

- DATA ABSTRACT MANUAL

DATA TYPE:

- Numeric

DATA SOURCE HIERARCHY GUIDE:

- Trauma / Triage Flow Sheet
- Nurses Notes
- Face sheet
- Progress Notes

NTDB DATA VARIABLE: N/A

NEMSIS DATA VARIABLE: eOutcome.11
CONSULTATION DATE
DEFINITION:
The earliest date that a consultation was done (consultation can be in person, telephone, fax, or any other form of communication). These consultations are only recorded while the patient is in the ED.

FIELD VALUES:
• Relevant value for data element.

ADDITIONAL INFORMATION:
• DATA ABSTRACT MANUAL

DATA TYPE:
• Numeric

DATA SOURCE HIERARCHY GUIDE:
• Trauma / Triage Flow Sheet
• Nurses Notes
• Face sheet
• Progress Notes

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: eOutcome.11
CONSULTATION TIME

DEFINITION:
The earliest recorded time that a consultation was done (consultation can be in person, telephone, fax, or any other form of communication). These consultations are only recorded while the patient is in the ED.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: N/A

NEMSIS DATA VARIABLE: eOutcome.11
CONSULTATION SERVICE
DEFINITION:
The service or specialty that was contacted for consult.

FIELD VALUES:
• Non-Surgical Specialist
• Other Surgical Specialist
• Anesthesiology
• Emergency Medicine Physician
• Neurosurgery
• Orthopedic Surgery
• Trauma / General Surgeon

ADDITIONAL INFORMATION:
• DATA ABSTRACT MANUAL

DATA TYPE:
• Alpha

DATA SOURCE HIERARCHY GUIDE:
• Trauma / Triage Flow Sheet
• Nurses Notes
• Progress Notes

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: eOutcome.11
CONSULTATION PHYSICIAN NAME
DEFINITION:
The name of the physician(s) that were contacted for consultation.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: eOutcome.11
ADMITTING SERVICE
DEFINITION:
The service that admitted the patient to the hospital.

FIELD VALUES:
- Non-Surgical Specialist
- Other Surgical Specialist
- Anesthesiology
- Emergency Medicine Physician
- Neurosurgery
- Orthopedic Surgery
- Trauma / General Surgeon

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Nurses Notes
- Face sheet
- Progress Notes

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: eOutcome.11
ADMITTING PHYSICIAN

DEFINITION:

The physician that admitted the patient to the hospital.

FIELD VALUES:

- Relevant value for data element.

ADDITIONAL INFORMATION:

- DATA ABSTRACT MANUAL

DATA TYPE:

- Alpha

DATA SOURCE HIERARCHY GUIDE:

- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: N/A

NEMSIS DATA VARIABLE: eOutcome.11
HOSPITAL PROCEDURES INFORMATION
ICD-10 PROCEDURE CODE
DEFINITION:
The ICD-10 Procedures in the ED.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alphanumeric

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: HP_01
NEMSIS DATA VARIABLE: eOutcome.09
ICD-10 PROCEDURE CODE LONG TEXT
DEFINITION:
The long text definition of the ICD-10 Procedures for ED.

FIELD VALUES:
• Relevant value for data element.

ADDITIONAL INFORMATION:
• DATA ABSTRACT MANUAL

DATA TYPE:
• Alphanumeric

DATA SOURCE HIERARCHY GUIDE:
• Trauma / Triage Flow Sheet
• Nurses Notes
• Progress Notes

NTDB DATA VARIABLE: HP_01
NEMSIS DATA VARIABLE: N/A
LOCATION
DEFINITION:
Location or department the reported ICD-10 procedures were provided in.

FIELD VALUES:
- ED
- EMS Interfacility Transport
- Field
- Floor
- ICU
- Initial ED
- Interventional Radiology
- OR
- PACU
- Referring
- Sedation Unit
- Stepdown Unit
- Urgent Care

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
HOSPITAL PROCEDURE START TIME

DEFINITION:
The time that the procedure was performed on the patient.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: HP_03

NEMSIS DATA VARIABLE: N/A
HOSPITAL PROCEDURE START DATE

DEFINITION:
The date the procedure was performed on the patient.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: HP_02
NEMSIS DATA VARIABLE: N/A
HOSPITAL PROCEDURE STOP TIME

DEFINITION:
The time the procedure was completed.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: N/A

NEMESIS DATA VARIABLE: N/A
PROCEDURE STOP DATE

DEFINITION:
The date the procedure was completed.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
PHYSICIAN

DEFINITION:
The Physician that ordered and/or provided the procedure.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
RESULT
DEFINITION:
The recorded result of the procedure.

FIELD VALUES:
• Positive
• Negative

ADDITIONAL INFORMATION:
• DATA ABSTRACT MANUAL

DATA TYPE:
• Alpha

DATA SOURCE HIERARCHY GUIDE:
• Trauma / Triage Flow Sheet
• Nurses Notes
• Progress Notes

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
TIME TO PROCEDURE

DEFINITION:
The calculated time to beginning of procedure.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
TIME TO FIRST OR VISIT

DEFINITION:
The calculated time for patient to enter the Operating Room.

FIELD VALUES:
• Relevant value for data element.

ADDITIONAL INFORMATION:
• DATA ABSTRACT MANUAL

DATA TYPE:
• Numeric

DATA SOURCE HIERARCHY GUIDE:
• Trauma / Triage Flow Sheet
• Nurses Notes
• Progress Notes

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
TIME TO FIRST CT SCAN

DEFINITION:
The calculated time that patient first had radiation hit their body.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Trauma / Triage Flow Sheet
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
INJURIES INFORMATION
AIS-05 #

**DEFINITION:**

Six-digit Injury identifier from the Association for the Advancement of Automotive Medicine's (AAAM) Abbreviated Injury Scale (AIS) 2005.

These are also referred to as the AIS predot codes. Multiple entry pick list. Select all that apply. (NTDS = max 50). Refer to AAAM AIS 2005 manual for more details.

**FIELD VALUES:**

- Relevant value for data element.

**ADDITIONAL INFORMATION:**

- DATA ABSTRACT MANUAL

**DATA TYPE:**

- Numeric

**DATA SOURCE HIERARCHY GUIDE:**

- Nurses Notes
- Progress Notes

**NTDB DATA VARIABLE:** DG_02

**NEMSIS DATA VARIABLE:** N/A
AIS-05 # LONG TEXT
DEFINITION:
The auto filled long text definition of the AIS-05 predot code.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
BODY REGION
DEFINITION:
The auto filled corresponding body region for the AIS 2005 predot code entered.

FIELD VALUES:
- 1. Head or Neck
- 2. Face
- 3. Chest
- 4. Abdominal or Pelvic Contents
- 5. Extremities or Pelvic Girdle
- 6. Internal

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
INJURY SEVERITY
DEFINITION:
The auto filled corresponding AIS severity code that reflects the severity code that reflects the severity of the AIS code entered Values 1-6.

FIELD VALUES:
- 1. Minor Injury
- 2. Moderate Injury
- 3. Serious Injury
- 4. Severe Injury
- 5. Critical Injury
- 6. Maximal Injury, Virtually Unsurvivable
- 9. Unspecified Severity

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: DG_03
NEMSIS DATA VARIABLE: N/A
ICD-10-CM FINAL INJURY DIAGNOSIS

**DEFINITION:**
The ICD-10-CM code related to all identified injuries.

**FIELD VALUES:**
- Relevant value for data element.

**ADDITIONAL INFORMATION:**
- DATA ABSTRACT MANUAL

**DATA TYPE:**
- Numeric

**DATA SOURCE HIERARCHY GUIDE:**
- Nurses Notes
- Progress Notes

**NTDB DATA VARIABLE:** N/A

**NEMESIS DATA VARIABLE:** N/A
ICD-10-CM DX LONG TEXT

DEFINITION:
The auto filled long text for the ICD-10-CM code in INJ_05.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alphanumeric

DATA SOURCE HIERARCHY GUIDE:
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
BODY REGION DEFINITION:
The auto filled corresponding AIS severity code that reflects the severity of the ICD-10-CM injury diagnosis entered.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
INJURY SEVERITY
DEFINITION:
The auto filled corresponding AIS severity code that reflects the severity of the AIS code entered. Values 1-6.

FIELD VALUES:
- 1. Head or Neck
- 2. Face
- 3. Chest
- 4. Abdominal or Pelvic
- 5. Extremities or Pelvic Girdle
- 6. External

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- Nurses Notes
- Progress Notes

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
HEAD / NECK
DEFINITION:
The calculated score for Head / Neck injuries based off entered AIS or ICD-10-CM codes.

FIELD VALUES:
  • Relevant value for data element.

ADDITIONAL INFORMATION:
  • DATA ABSTRACT MANUAL

DATA TYPE:
  • Numeric

DATA SOURCE HIERARCHY GUIDE:
  • None

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
FACE
DEFINITION:
The calculated score for Face injuries based off entered AIS or ICD-10-CM codes.

FIELD VALUES:
• Relevant value for data element.

ADDITIONAL INFORMATION:
• DATA ABSTRACT MANUAL

DATA TYPE:
• Numeric

DATA SOURCE HIERARCHY GUIDE:
• None

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
CHEST
DEFINITION:
The calculated score for Chest injuries based off entered AIS or ICD-10-CM codes.

FIELD VALUES:
• Relevant value for data element.

ADDITIONAL INFORMATION:
• DATA ABSTRACT MANUAL

DATA TYPE:
• Numeric

DATA SOURCE HIERARCHY GUIDE:
• None

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
ABDOMEN / PELVIS
DEFINITION:
The calculated score for Abdomen / Pelvis injuries based off entered AIS or ICD-10-CM codes.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
EXTREMITIES
DEFINITION:
The calculated score for Extremity injuries based off entered AIS or ICD-10-CM codes.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
EXTERNAL DEFINITION:
The calculated score for External injuries based off entered AIS or ICD-10-CM codes.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
ISS-AIS05  
DEFINITION:  
The calculated Injury Severity Score (ISS) based on the hand coded (not using ICD-10-CM diagnosis codes), AIS score entered.

FIELD VALUES:  
- Relevant value for data element.

ADDITIONAL INFORMATION:  
- DATA ABSTRACT MANUAL

DATA TYPE:  
- Numeric

DATA SOURCE HIERARCHY GUIDE:  
- None

NTDB DATA VARIABLE: N/A

NEMSIS DATA VARIABLE: N/A
ISS-ICD10 DEFINITION:
The calculated Injury Severity Score (ISS) based on the ICD-10-CM injuries diagnosis entered that has been mapped to the corresponding ICD-9-CM injuries diagnoses entered.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
DATE OF HOSPITAL EXIT

DEFINITION:
The date the patient physically left the hospital.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: O_03

NEMSIS DATA VARIABLE: N/A
TIME OF HOSPITAL EXIT
DEFINITION:
The time the patient physically left the hospital.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: O_04
NEMSIS DATA VARIABLE: N/A
LENGTH OF STAY (DAYS)

DEFINITION:
The calculated length of patient stay in the hospital.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
DISCHARGE ORDER DATE

DEFINITION:
The date the discharge order was signed by attending physician for patient discharge form the hospital.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: O_03
NEMSIS DATA VARIABLE: N/A
DISCHARGE DISPOSITION

DEFINITION:
The patient’s final outcome at time of hospital discharge.

FIELD VALUES:
- Deceased/Expired
- Discharged/Transferred to a short-term general hospital for inpatient care
- Discharged/Transferred to an Intermediate Care Facility (ICF)
- Left against medical advice (AMA) or discontinued care
- Discharged to home or self-care (routine discharge)
- Discharged/Transferred to Skilled Nursing Facility (SNF)
- Discharged/Transferred to hospice care
- Discharged/Transferred to court/law enforcement
- Discharged/Transferred to inpatient rehab or designated unit
- Discharged/Transferred to Long Term Care Hospital (LTCH)
- Discharged/Transferred to a psychiatric hospital
- Discharged/Transferred to another type of institution not defined elsewhere

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: O_05
NEMSIS DATA VARIABLE: N/A
OUTCOME AT HOSPITAL DISCHARGE

DEFINITION:
The date the patient physically left the hospital.

FIELD VALUES:
- Dead
- Moderate disability; requiring some help, but able to walk on own
- Moderately severe disability; unable to was without assistance
- No significant disability despite symptoms; able to carry out activities of daily living
- No symptoms at all
- Severe disability; bedridden, incontinent, and requiring constant care
- Slight disability; unable to carry out all previous activities without assistance

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: O_05

NEMSIS DATA VARIABLE: N/A
LIVE/DIE
DEFINITION:
The date the patient physically left the hospital.

FIELD VALUES:
- Died (DOA, in the ED, or as in inpatient)
- Discharged Alive

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
TOTAL VENTILATOR SUPPORT DAYS
DEFINITION:
The calculated total days the patient was on a ventilator.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: O_02
NEMESIS DATA VARIABLE: N/A
ICU LOS
DEFINITION:
The calculated number of days the patient was in the ICU.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
PRIMARY PAYOR
DEFINITION:
The party or insurance organization used as primary payment.

FIELD VALUES:
- Auto Insurance
- Medicaid
- Medicare
- Not Billed (for any reason)
- Other
- Other Government
- Private/Commercial Insurance
- Self-Pay

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: F_01
NEMSIS DATA VARIABLE: N/A
TOTAL HOSPITAL CHARGES

DEFINITION:
The total dollar amount billed for patient care.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
REPORT OF PHYSICAL ABUSE

DEFINITION:
A report of suspected physical abuse was made to law enforcement and/or child protective services (DHS).

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: I_17
NEMSIS DATA VARIABLE: N/A
INVESTIGATION OF PHYSICAL ABUSE
DEFINITION:
An investigation by law enforcement and/or child protective services (DHS) was initiated because of the suspected physical abuse.

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: I_18
NEMSIS DATA VARIABLE: N/A
DIFFERENT CAREGIVER AT DISCHARGE

DEFINITION:
The patient was discharged to a caregiver different than the caregiver at admission due to suspected physical abuse.

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: I_19
NEMSIS DATA VARIABLE: N/A
AUTOPSY PERFORMED

DEFINITION:
Was an autopsy performed on the patients remains?

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
DEATH LOCATION
DEFINITION:
The location where the patient was pronounced dead.

FIELD VALUES:
- ED
- Floor
- ICU
- Other
- Radiology
- Stepdown
- Surgery

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
DONATED ORGANS
DEFINITION:
A list of organs that were donated.

FIELD VALUES:
- Bones
- Corneas
- Heart
- Lung(s)
- Kidney(s)
- Liver
- Multiple other Organs
- Pancreas
- Skin

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
COMMENTS

DEFINITION:
Any other comments regarding the patient discharge (including death).

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alphanumeric

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A

MANDATORY = NO
RECORD COMPLETE
DEFINITION:
Is the record complete?

FIELD VALUES:
• Yes
• No

ADDITIONAL INFORMATION:
• DATA ABSTRACT MANUAL

DATA TYPE:
• Alpha

DATA SOURCE HIERARCHY GUIDE:
• None

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
PRE-EXISTING CONDITIONS
ADVANCED DIRECTIVE LIMITING CARE

DEFINITION:
The patient had a written request limiting life sustaining therapy, or a similar advanced directive.

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: CC_01
NEMSIS DATA VARIABLE: N/A
**ALCOHOL USE DISORDER**

**DEFINITION:**
Diagnosis of alcohol use disorder documented in the patient medical record.

**FIELD VALUES:**
- Yes
- No

**ADDITIONAL INFORMATION:**
- DATA ABSTRACT MANUAL

**DATA TYPE:**
- Alpha

**DATA SOURCE HIERARCHY GUIDE:**
- None

**NTDB DATA VARIABLE:** CC_02

**NEMSIS DATA VARIABLE:** N/A
ANGINA PECTORIS
DEFINITION:
Chest pain or discomfort due to coronary heart disease.

FIELD VALUES:
• Yes
• No

ADDITIONAL INFORMATION:
• DATA ABSTRACT MANUAL

DATA TYPE:
• Alpha

DATA SOURCE HIERARCHY GUIDE:
• None

NTDB DATA VARIABLE: CC_03
NEMSIS DATA VARIABLE: N/A
ANTICOAGULANT THERAPY

DEFINITION:
Documentation in the medical record of the administration of medication (anticoagulants, antiplatelet agents, thrombin inhibitors, thrombolytic agents) that interferes with blood clotting.

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: CC_04
NEMSIS DATA VARIABLE: N/A
ATTENTION DEFICIT DISORDER/ATTENTION DEFICIT HYPERACTIVITY DISORDER (ADD/ADHD)

**DEFINITION:**
A disorder involving inattention, hyperactivity, or impulsivity requiring medication for treatment.

**FIELD VALUES:**
- Yes
- No

**ADDITIONAL INFORMATION:**
- DATA ABSTRACT MANUAL

**DATA TYPE:**
- Alpha

**DATA SOURCE HIERARCHY GUIDE:**
- None

**NTDB DATA VARIABLE:** CC_05

**NEMSIS DATA VARIABLE:** N/A
BLEEDING DISORDER

DEFINITION:
A group of conditions that result when the blood cannot clot properly.

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: CC_06
NEMSIS DATA VARIABLE: N/A
CEREBRAL VASCULAR ACCIDENT (CVA)

DEFINITION:
A history prior to injury of a cerebrovascular incident.

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: CC_07
NEMSIS DATA VARIABLE: N/A
CHRONIC OBSTRUCTIVE PULMONARY DISEASE (COPD)
DEFINITION:
Lung ailment that is characterized by a persistent blockage of airflow from the lungs.

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: CC_08
NEMSIS DATA VARIABLE: N/A
CHRONIC RENAL FAILURE

DEFINITION:
Chronic renal failure prior to injury that was requiring periodic peritoneal dialysis or other intervention.

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: CC_09
NEMSIS DATA VARIABLE: N/A
CIRRHOSIS
DEFINITION:
Documentation in the medical record of cirrhosis.

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: CC_10
NEMSIS DATA VARIABLE: N/A
CONGENITAL ANOMALIES

DEFINITION:
Documentation of a cardiac, pulmonary, body wall, CNS/spinal, GI, renal, orthopedic, or metabolic anomaly.

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: CC_11
NEMSIS DATA VARIABLE: N/A
CONGESTIVE HEART FAILURE (CHF)

DEFINITION:
The inability of the heart to pump a sufficient quantity of blood to meet the metabolic needs of the body.

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: CC_12

NEMSIS DATA VARIABLE: N/A
CURRENT SMOKER
DEFINITION:
A patient who reports smoking cigarettes every day or some days within the last 12 months.

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: CC_13
NEMSIS DATA VARIABLE: N/A
CURRENTLY RECEIVING CHEMOTHERAPY FOR CANCER

DEFINITION:
A patient who is currently receiving any chemotherapy treatment for cancer prior to injury.

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: CC_14

NEMSIS DATA VARIABLE: N/A
DEMENTIA
DEFINITION:
Documentation in the patient’s medical record of dementia including senile or vascular dementia.

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: CC_03
NEMSIS DATA VARIABLE: N/A
DIABETES MELLITUS

DEFINITION:

Diabetes mellitus that requires exogenous parenteral insulin or an oral hypoglycemic agent.

FIELD VALUES:

- Yes
- No

ADDITIONAL INFORMATION:

- DATA ABSTRACT MANUAL

DATA TYPE:

- Alpha

DATA SOURCE HIERARCHY GUIDE:

- None

NTDB DATA VARIABLE: CC_16

NEMSIS DATA VARIABLE: N/A
DISSEMINATED CANCER
DEFINITION:
Patients who have cancer that has spread to one or more sites in addition to the primary site AND in whom the presence of multiple metastases indicates the cancer is widespread, fulminant, or near terminal.

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: CC_17
NEMSIS DATA VARIABLE: N/A
FUNCTIONALLY DEPENDENT HEALTH STATUS

DEFINITION:
Chest pain or discomfort due to coronary heart disease.

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: CC_18
NEMSIS DATA VARIABLE: N/A
HYPERTENSION

DEFINITION:
History of persistent elevated blood pressure requiring medical therapy.

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: CC_19
NEMSIS DATA VARIABLE: N/A
MENTAL/PERSORNALITY DISORDERS
DEFINITION:
Documentation of the presence of pre-injury depressive disorder, bipolar disorder, schizophrenia, borderline or antisocial disorder, and/or adjustment disorder/post-traumatic stress disorder.

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: CC_20
NEMSIS DATA VARIABLE: N/A
MYOCARDIAL INFARCTION (MI)

**DEFINITION:**
History of a MI in the six months prior to injury.

**FIELD VALUES:**
- Yes
- No

**ADDITIONAL INFORMATION:**
- DATA ABSTRACT MANUAL

**DATA TYPE:**
- Alpha

**DATA SOURCE HIERARCHY GUIDE:**
- None

**NTDB DATA VARIABLE:** CC_21

**NEMSIS DATA VARIABLE:** N/A
PERIPHERAL ARTERY DISEASE (PAD)

DEFINITION:
The narrowing or blockage of the vessels that carry blood from the heart to the legs.

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: CC_22

NEMSIS DATA VARIABLE: N/A
PREMATURITY
DEFINITION:
Babies born before 37 weeks of pregnancy are completed.

FIELD VALUES:
• Yes
• No

ADDITIONAL INFORMATION:
• DATA ABSTRACT MANUAL

DATA TYPE:
• Alpha

DATA SOURCE HIERARCHY GUIDE:
• None

NTDB DATA VARIABLE: CC_23
NEMESIS DATA VARIABLE: N/A
STEROID USE
DEFINITION:
Patients that require the regular administration of oral or parenteral corticosteroid medications within 30 days prior to injury for a chronic medical Condition.

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: CC_24
NEMSIS DATA VARIABLE: N/A
SUBSTANCE ABUSE DISORDER

DEFINITION:
Documentation of substance abuse disorder in the patient medical record.

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: CC_25
NEMSIS DATA VARIABLE: N/A
HOSPITAL EVENTS
ACUTE KIDNEY INJURY (AKI)

DEFINITION:

Acute Kidney Injury, AKI (stage 3), is an abrupt decrease in kidney function.

KDIGO (Stage 3) Table:

(SCr) 3 times baseline
OR
Increase in SCr to ≥ 4.0 mg/dl (≥ 353.6 µmol/l)
OR
Initiation of renal replacement therapy OR, in patients < 18 years, decrease in eGFR to <35 ml/min per 1.73 m2
OR
Urine output <0.3 ml/kg/h for ≥ 24 hours.
OR
Anuria for ≥ 12 hours.

FIELD VALUES:

- Yes
- No

ADDITIONAL INFORMATION:

- DATA ABSTRACT MANUAL

DATA TYPE:

- Alpha

DATA SOURCE HIERARCHY GUIDE:

- None

NTDB DATA VARIABLE: HE_01

NEMSIS DATA VARIABLE: N/A
ACUTE RESPIRATORY DISTRESS SYNDROME (ARDS)

DEFINITION:

Timing: Within 1 week of known clinical insult or new or worsening respiratory symptoms.

Chest imaging: Bilateral opacities – not fully explained by effusions, lobar/lung collage, or nodules.

Origin of edema: Respiratory failure not fully explained by cardiac failure of fluid overload. Need objective assessment (e.g., echocardiography) to exclude hydrostatic edema if no risk factor is present.

Oxygenation:
- Mild: $200 \text{ mm Hg} < \text{PaO}_2/\text{FIO}_2 < 300 \text{ mm Hg}$ with PEEP or CPAP $\geq 5 \text{ cm H}_2\text{O}$
- Moderate: $100 \text{ mm Hg} < \text{PaO}_2/\text{FIO}_2 < 200 \text{ mm Hg}$ with PEEP $>5 \text{ cm H}_2\text{O}$
- Severe: $\text{PaO}_2/\text{FIO}_2 < 100 \text{ mm Hg}$ with PEEP or CPAP $\geq 5 \text{ cm H}_2\text{O}$

FIELD VALUES:

- Yes
- No

ADDITIONAL INFORMATION:

- DATA ABSTRACT MANUAL

DATA TYPE:

- Alpha

DATA SOURCE HIERARCHY GUIDE:

- None

NTDB DATA VARIABLE: HE_02

NEMSIS DATA VARIABLE: N/A
ALCOHOL WITHDRAWAL SYNDROME

DEFINITION:
Characterized by tremor, sweating, anxiety, agitation, depression, nausea, and malaise. It occurs 6-48 hours after cessation of alcohol consumption and, when uncomplicated, abates after 2-5 days. It may be complicated by grand mal seizures and may progress to delirium (known as delirium tremens).

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: HE_03
NEMSIS DATA VARIABLE: N/A
CARDIAC ARREST WITH CPR

DEFINITION:
Cardiac arrest is the sudden cessation of cardiac activity after hospital arrival. The patient becomes unresponsive with no normal breathing and no signs of circulation. If corrective measures are not taken rapidly, the condition progresses to sudden death.

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: HE_04
NEMSIS DATA VARIABLE: N/A
CATHETER-ASSOCIATED URINARY TRACT INFECTION (CAUTI)

DEFINITION:
A UTI where an indwelling urinary catheter was in place for > 2 calendar days on the date of event, with day of device placement being Day 1, AND

An indwelling urinary catheter was in place on the date of event or the day before. If an indwelling urinary catheter was in place for > 2 calendar days and then removed, the date of events for the UTI must be the day of discontinuation or the next day for the UTI to be catheter-associated.

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: HE_05
NEMSIS DATA VARIABLE: N/A
CENTRAL LINE-ASSOCIATED BLOODSTREAM INFECTION (CLABSI)

DEFINITION:

A laboratory-confirmed bloodstream infection (LCBI) where central line (CL) or umbilical catheter (UC) was in place for > 2 calendar days on the date of the event, with day of device placement being Day 1.

AND

The line was also in place on the date of event or the day before. If a CL or UC was in place for > 2 calendar days and then removed, the date of event of the LCBI must be the day of discontinuation or the next day to be a CLASBI. If the patient is admitted or transferred into a facility with an implanted central line (port) in place, and that is the patient’s only central line, day of first access in an inpatient location is considered Day 1. “Access” is defined as line placement, infusion, or withdrawal through the line. Such lines continue to be eligible for CLABSI once they are accessed until they are either discontinued or the day after patient discharges (as per the Transfer Rule.) Note that the “de-access” of a port does not result in the patient’s removal from CLABSI surveillance.

FIELD VALUES:

• Yes
• No

ADDITIONAL INFORMATION:

• DATA ABSTRACT MANUAL

DATA TYPE:

• Alpha

DATA SOURCE HIERARCHY GUIDE:

• None

NTDB DATA VARIABLE: HE_06

NEMSIS DATA VARIABLE: N/A
DEEP SURGICAL SITE INFECTION

DEFINITION:
See Data Abstraction Manual.

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: HE_07

NEMSIS DATA VARIABLE: N/A
DEEP VEIN THROMBOSIS (DVT)

DEFINITION:
The formation, development, or existence of a blood clot or thrombus within the venous system, which may be coupled with inflammation.

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: HE_08
NEMSIS DATA VARIABLE: N/A
EXTREMITY COMPARTMENT SYNDROME

DEFINITION:

A condition not present at admission in which there is documentation of tense muscular compartments of an extremity through clinical assessment or direct measurement of intercompartmental pressure requiring fasciotomy. Compartment syndromes usually involve the leg but can also occur in the forearm, arm, thigh, and shoulder.

FIELD VALUES:

- Yes
- No

ADDITIONAL INFORMATION:

- DATA ABSTRACT MANUAL

DATA TYPE:

- Alpha

DATA SOURCE HIERARCHY GUIDE:

- None

NTDB DATA VARIABLE: HE_09

NEMSIS DATA VARIABLE: N/A
MYOCARDIAL INFARCTION (MI)
DEFINITION:
An acute myocardial infarction must be noted with documentation of any of the following:

Documentation of ECG changes indicative of acute MI (one or more of the following three):
1. ST elevation >1 mm in two or more contiguous leads.
2. New left bundle branch block.
3. New q-wave in two or more contiguous leads.

OR

New elevation in troponin greater than three times upper level of the reference range in the setting of suspected myocardial ischemia.

OR

Physician diagnosis of myocardial infarction

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: HE_10
NEMSIS DATA VARIABLE: N/A
ORGAN/SPACE SURGICAL SITE INFECTION

DEFINITION:
See Data Abstraction Manual.

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: HE_11

NEMSIS DATA VARIABLE: N/A
OSTEOMYELITIS

DEFINITION:

See Data Abstraction Manual.

FIELD VALUES:

- Yes
- No

ADDITIONAL INFORMATION:

- DATA ABSTRACT MANUAL

DATA TYPE:

- Alpha

DATA SOURCE HIERARCHY GUIDE:

- None

NTDB DATA VARIABLE: HE_12

NEMSIS DATA VARIABLE: N/A
PULMONARY EMBOLISM (PE)

DEFINITION:

A lodging of a blood clot in a pulmonary artery with subsequent obstruction of blood supply to the lung parenchyma. The blood clots usually originate from the deep leg veins or the pelvic venous system.

FIELD VALUES:

- Yes
- No

ADDITIONAL INFORMATION:

- DATA ABSTRACT MANUAL

DATA TYPE:

- Alpha

DATA SOURCE HIERARCHY GUIDE:

- None

NTDB DATA VARIABLE: HE_13

NEMSIS DATA VARIABLE: N/A
PRESSURE ULCER
DEFINITION:
A localized injury to the skin and/or underlying tissue usually over a bony prominence, as a result of pressure, or pressure in combination with shear. A number of confounding factors are also associated with pressure ulcers; the significance of these factors is yet to be elucidated. Equivalent to NPUAP Stages II-IV, Unstageable/Unclassified, and Suspected Deep Tissue Injury.

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: HE_14
NEMSIS DATA VARIABLE: N/A
SEVERE SEPSIS
DEFINITION:
Severe sepsis: sepsis plus organ dysfunction, hypotension (low blood pressure), or hypoperfusion (insufficient blood flow) to 1 or more organs.

Septic shock: sepsis with persisting arterial hypotension despite adequate fluid resuscitation.

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: HE_15
NEMSIS DATA VARIABLE: N/A
**STROKE/CVA**

**DEFINITION:**

A focal or global neurological deficit of rapid onset and NOT present on admission. The patient must have at least one of the following symptoms:

- Change in level of consciousness
- Hemiplegia
- Hemiparesis
- Numbness or sensory loss affecting one side of the body
- Dysphasia or aphasia
- Hemianopia
- Amaurosis fugax
- Other neurological signs or symptoms consistent with stroke

AND

- Duration of neurologic deficit ≥ 24 h

OR

- Duration of deficit <24 h, if neuroimaging (MR, CT, or cerebral angiography) documents a new hemorrhage or infarct consistent with stroke, or therapeutic intervention(s) were performed for stroke, or the neurological deficit results in death.

AND

- No other readily identifiable non-stroke cause, e.g., progression of existing traumatic brain injury, seizure, tumor, metabolic or pharmacologic etiologies, is identified.

AND

- Diagnosis is confirmed by neurological specialists or neuroimaging procedure (MR, CT, angiography) or lumbar puncture (CSF demonstrating intracranial hemorrhage that was not present on admission).

**FIELD VALUES:**

- Yes
• No

ADDITIONAL INFORMATION:

• DATA ABSTRACT MANUAL

DATA TYPE:

• Alpha

DATA SOURCE HIERARCHY GUIDE:

• None

NTDB DATA VARIABLE: HE_16

NEMSIS DATA VARIABLE: N/A
SUPERFICIAL INCISIONAL SURGICAL SITE INFECTION

DEFINITION:

Must meet the following criteria:

Infection occurs within 30 days after any NHSN operative procedure (where day 1 = the procedure date)

AND

Involves only the skin and subcutaneous tissue of the incision

AND

Patient has at least one of the following:

a. Purulent drainage from the superficial incision.

b. Organisms identified from an aseptically-obtained specimen from the superficial incision or subcutaneous tissue by a culture or non-culture based microbiologic testing method which is performed for purposes of clinical diagnosis or treatment (e.g., not Active Surveillance Culture/Testing (ASC/AST).

c. Superficial incision that is deliberately opened by a surgeon, attending physician** or other designee and culture or non-culture-based testing is not performed.

AND

Patient has at least one of the following signs or symptoms: pain or tenderness; localized swelling; erythema; or heat. A culture or non-culture-based test that has a negative finding does not meet this criterion.

d. Diagnosis of a superficial incisional SSI by the surgeon or attending physician** or other designee.

COMMENTS: There are two specific types of superficial incisional SSIs:

1. **Superficial Incisional Primary (SIP) – a superficial incision SSI that is identified in the primary incision in a patient that has had an operation with one or more incisions (e.g., C-section incision or chest incision for CBGB)

2. **Superficial Incisional Secondary (SIS) – a superficial incisional SSI that is identified in the secondary incision in a patient that has had an operation with more than one incision (e.g., donor site incision for CBGB)

FIELD VALUES:
• Yes
• No

**ADDITIONAL INFORMATION:**
• DATA ABSTRACT MANUAL

**DATA TYPE:**
• Alpha

**DATA SOURCE HIERARCHY GUIDE:**
• None

**NTDB DATA VARIABLE:** HE_17

**NEMSIS DATA VARIABLE:** N/A
UNPLANNED ADMISSION TO ICU

DEFINITION:
Patients admitted to the ICU after initial transfer to the floor, and/or patients with an unplanned return to the ICU after initial ICU discharge.

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: HE_18
NEMSIS DATA VARIABLE: N/A
UNPLANNED INTUBATION
DEFINITION:
Patients require placement of an endotracheal tube and mechanical or assisted ventilation manifested by severe respiratory distress, hypoxia, or respiratory acidosis.

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: HE_19
NEMSIS DATA VARIABLE: N/A
UNPLANNED RETURN TO THE OPERATING ROOM

DEFINITION:
Unplanned return to the operating room after initial operating management for a similar or related previous procedure.

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: HE_20
NEMSIS DATA VARIABLE: N/A
VENTILATOR-ASSOCIATED PNEUMONIA (VAP)

DEFINITION:
See Data Abstract Manual.

FIELD VALUES:
- Yes
- No

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: HE_21

NEMSIS DATA VARIABLE: N/A
PI ISSUE
DEFINITION:
The PI Issue(s) as determined by the hospital.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
READMISSION INFORMATION
READMISSION ARRIVAL DATE

DEFINITION:
The date the patient was readmitted to the hospital.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
READMISSION ARRIVAL TIME

DEFINITION:
The time the patient was readmitted to the hospital.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: N/A

NEMSIS DATA VARIABLE: N/A
DISCHARGE DATE

DEFINITION:
The date the patient was discharged from the hospital.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: N/A

NEMSIS DATA VARIABLE: N/A
DISCHARGE TIME
DEFINITION:
The time the patient was discharged from the hospital.

FIELD VALUES:
• Relevant value for data element.

ADDITIONAL INFORMATION:
• DATA ABSTRACT MANUAL

DATA TYPE:
• Numeric

DATA SOURCE HIERARCHY GUIDE:
• None

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
READMISSION LENGTH OF STAY
DEFINITION:
The calculated length of stay for a readmission patient.

FIELD VALUES:
  • Relevant value for data element.

ADDITIONAL INFORMATION:
  • DATA ABSTRACT MANUAL

DATA TYPE:
  • Numeric

DATA SOURCE HIERARCHY GUIDE:
  • None

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
READMISSION OUTCOME

DEFINITION:
The outcome of the readmission patient.

FIELD VALUES:
- Live
- Died

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
DATE OF READMISSION ICD-10-CM PROCEDURE

DEFINITION:
The date the readmission ICD-10-CM procedure was performed.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: N/A

NEMSIS DATA VARIABLE: N/A
READMISSION ICD-10-CM PROCEDURE CODE
DEFINITION:
The readmission ICD-10-CM procedure code.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alphanumeric

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A
READMISSION PHYSICIAN PERFORMING PROCEDURE

**DEFINITION:**
The name of the physician that performed readmission procedure.

**FIELD VALUES:**
- Relevant value for data element.

**ADDITIONAL INFORMATION:**
- DATA ABSTRACT MANUAL

**DATA TYPE:**
- Alpha

**DATA SOURCE HIERARCHY GUIDE:**
- None

**NTDB DATA VARIABLE:** N/A

**NEMSIS DATA VARIABLE:** N/A
READMISSION ICD-10-CM DIAGNOSES CODE (MEDICAL OR TRAUMA)

DEFINITION:
The ICD-10-CM diagnoses code for readmission (may be medical or trauma codes).

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alphanumeric

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: N/A

NEMSIS DATA VARIABLE: N/A
READMISSION ICD-10-CM DIAGNOSES LONG TEXT

DEFINITION:
The ICD-10-CM code long text.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: N/A

NEMSIS DATA VARIABLE: N/A
TQIP INFORMATION
Measures for Process of Care
HIGHEST GCS TOTAL (TBI)
DEFINITION:

Collection Criteria: Collect on patients with at least one injury in AIS head region, excluding patients with isolated scalp abrasion(s), scalp contusion(s), scalp laceration(s), and/or scalp avulsion(s).

FIELD VALUES:

- Yes
- No

ADDITIONAL INFORMATION:

- DATA ABSTRACT MANUAL

DATA TYPE:

- Alpha

DATA SOURCE HIERARCHY GUIDE:

- None

NTDB DATA VARIABLE: PM_01

NEMSIS DATA VARIABLE: N/A

MANDATORY = NO
HIGHEST GCS TOTAL (TBI)

DEFINITION:
Collection Criteria: Collect on patients with at least one injury in AIS head region, excluding patients with isolated scalp abrasion(s), scalp contusion(s), scalp laceration(s), and/or scalp avulsion(s).

Highest GCS on calendar day after ED/Hospital arrival.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: PM_01
NEMSIS DATA VARIABLE: N/A

MANDATORY = NO
HIGHEST GCS MOTOR
DEFINITION:

Collection Criteria: Collect on patients with at least one injury in AIS head region, excluding patients with isolated scalp abrasion(s), scalp contusion(s), scalp laceration(s), and/or scalp avulsion(s).

Highest GCS motor on calendar day after ED/Hospital arrival.

FIELD VALUES: PEDIATRIC ≤ 2 YEARS

- 1. No motor response
- 2. Extension to pain
- 3. Flexion to pain
- 4. Withdrawal from pain
- 5. Localizing pain
- 6. Appropriate response to stimulation

FIELD VALUES: ADULT

- 1. No motor response
- 2. Extension to pain
- 3. Flexion to pain
- 4. Withdrawal to pain
- 5. Localizing pain
- 6. Obeys commands

ADDITIONAL INFORMATION:

- DATA ABSTRACT MANUAL

DATA TYPE:

- Numeric

DATA SOURCE HIERARCHY GUIDE:

- None

NTDB DATA VARIABLE: PM_02

MANDATORY = NO

NEMSIS DATA VARIABLE: N/A
GCS ASSESSMENT QUALIFIER COMPONENT OF HIGHEST GCS TOTAL
DEFINITION:
Collection Criteria: Collect on patients with at least one injury in AIS head region, excluding patients with isolated scalp abrasion(s), scalp contusion(s), scalp laceration(s), and/or scalp avulsion(s).

Documentation of factors potentially affecting the highest GCS on calendar day after ED/Hospital arrival.

FIELD VALUES:
- Patient chemically sedated or paralyzed
- Obstruction to the patient’s eye
- Patient intubated
- Valid GCS: patient was not sedated, not intubated, and did not have obstruction to the eye

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: PM_03
NEMSIS DATA VARIABLE: N/A

MANDATORY = NO
HIGHEST GCS 40 - MOTOR

DEFINITION:

Collection Criteria: Collect on patients with at least one injury in AIS head region, excluding patients with isolated scalp abrasion(s), scalp contusion(s), scalp laceration(s), and/or scalp avulsion(s).

Highest GCS 40 motor on calendar day after ED/Hospital arrival.

FIELD VALUES: ADULT

- 1. None
- 2. Extension
- 3. Abnormal Flexion
- 4. Normal Flexion
- 5. Localizing
- 6. Obeys Commands
- 0. Not Testable

FIELD VALUES: PEDIATRIC < 5 YEARS

- 1. None
- 2. Extension to Pain
- 3. Flexion to Pain
- 4. Localizes Pain
- 5. Obeys Commands
- 0. Not Testable

ADDITIONAL INFORMATION:

- DATA ABSTRACT MANUAL

DATA TYPE:

- Numeric

DATA SOURCE HIERARCHY GUIDE:

- None

NTDB DATA VARIABLE: PM_04  NEMSIS DATA VARIABLE: N/A  MANDATORY = NO
INITIAL ED/HOSPITAL PUPILLARY RESPONSE
DEFINITION:
Collection Criteria: Collect on patients with at least one injury in AIS head region, excluding patients with isolated scalp abrasion(s), scalp contusion(s), scalp laceration(s), and/or scalp avulsion(s).

Physiological response of the pupil size within 30 minutes or less of ED/Hospital arrival.

FIELD VALUES:
- Both reactive
- One reactive
- Neither reactive

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL PAGE –

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: PM_05
NEMSIS DATA VARIABLE: N/A

MANDATORY = NO
MIDLINE SHIFT
DEFINITION:

Collection Criteria: Collect on patients with at least one injury in AIS head region, excluding patients with isolated scalp abrasion(s), scalp contusion(s), scalp laceration(s), and/or scalp avulsion(s).

>5mm shift of the brain past its center line within 24 hours after time of injury.

FIELD VALUES:

- Yes
- No
- Not imaged (e.g., CT Scan, MRI)

ADDITIONAL INFORMATION:

- DATA ABSTRACT MANUAL

DATA TYPE:

- Alpha

DATA SOURCE HIERARCHY GUIDE:

- None

NTDB DATA VARIABLE: PM_06
NEMSIS DATA VARIABLE: N/A

MANDATORY = NO
CEREBRAL MONITOR

DEFINITION:

Collection Criteria: Collect on patients with at least one injury in AIS head region, excluding patients with isolated scalp abrasion(s), scalp contusion(s), scalp laceration(s), and/or scalp avulsion(s).

Indicate all cerebral monitors that were placed, including any of the following: ventriculostomy, subarachnoid bolt, camino bolt, external ventricular drain (EVD), licox monitor, jugular venous bulb.

FIELD VALUES:

- Intraventricular drain/catheter (e.g., ventriculostomy; external ventricular drain)
- Intraparenchymal pressure monitor (e.g., Camino bolt, subarachnoid bolt, intraparenchymal catheter)
- Interaparenchymal oxygen monitor (e.g., Licox)
- Jugular venous bulb
- None

ADDITIONAL INFORMATION:

- DATA ABSTRACT MANUAL

DATA TYPE:

- Alpha

DATA SOURCE HIERARCHY GUIDE:

- None

NTDB DATA VARIABLE: PM_07

NEMSIS DATA VARIABLE: N/A

MANDATORY = NO
CEREBRAL MONITOR DATE

DEFINITION:

Collection Criteria: Collect on patients with at least one injury in AIS head region, excluding patients with isolated scalp abrasion(s), scalp contusion(s), scalp laceration(s), and/or scalp avulsion(s).

Date of first cerebral monitor placement.

FIELD VALUES:

- Relevant value for data element.

ADDITIONAL INFORMATION:

- DATA ABSTRACT MANUAL

DATA TYPE:

- Numeric

DATA SOURCE HIERARCHY GUIDE:

- None

NTDB DATA VARIABLE: PM_08

NEMSIS DATA VARIABLE: N/A

MANDATORY = NO
CEREBRAL MONITOR TIME
DEFINITION:
Collection Criteria: Collect on patients with at least one injury in AIS head region, excluding patients with isolated scalp abrasion(s), scalp contusion(s), scalp laceration(s), and/or scalp avulsion(s).

Time of first cerebral monitor placement.

FIELD VALUES:
• Relevant value for data element.

ADDITIONAL INFORMATION:
• DATA ABSTRACT MANUAL

DATA TYPE:
• Numeric

DATA SOURCE HIERARCHY GUIDE:
• None

NTDB DATA VARIABLE: PM_09
NEMSIS DATA VARIABLE: N/A

MANDATORY = NO
VENOUS THROMBOEMBOLISM PROPHYLAXIS TYPE

DEFINITION:

Collection Criteria: Collect on all patients

Type of first dose of VTE prophylaxis administered to patient at your hospital.

FIELD VALUES:

- None
- LMWH (Dalteparin, Enoxaparin, etc.)
- Direct Thrombin Inhibitor (Dabigatran, etc.)
- Xa Inhibitor (Rivaroxaban, etc.)
- Other
- Unfractionated Heparin (UH)

ADDITIONAL INFORMATION:

- DATA ABSTRACT MANUAL

DATA TYPE:

- Alpha

DATA SOURCE HIERARCHY GUIDE:

- None

NTDB DATA VARIABLE: PM_10

NEMESIS DATA VARIABLE: N/A

MANDATORY = NO
VENOUS THROMBOEMBOLISM PROPHYLAXIS DATE

DEFINITION:

Collection Criteria: Collect on all patients

Date of administration to patient of first prophylactic dose of heparin or other anticoagulants at your hospital.

FIELD VALUES:

- Relevant value for data element.

ADDITIONAL INFORMATION:

- DATA ABSTRACT MANUAL

DATA TYPE:

- Numeric

DATA SOURCE HIERARCHY GUIDE:

- None

NTDB DATA VARIABLE: PM_11

NEMSIS DATA VARIABLE: N/A

MANDATORY = NO
VENOUS THROMBOEMBOLISM PROPHYLAXIS TIME

DEFINITION:
Collection Criteria: Collect on all patients

Time of administration to patient of first prophylactic dose of heparin or other anticoagulants at your hospital.

FIELD VALUES:

- Relevant value for data element.

ADDITIONAL INFORMATION:

- DATA ABSTRACT MANUAL

DATA TYPE:

- Numeric

DATA SOURCE HIERARCHY GUIDE:

- None

NTDB DATA VARIABLE: PM_12
NEMSIS DATA VARIABLE: N/A

MANDATORY = NO
TRANSFUSION BLOOD (4 HOURS)

DEFINITION:
Collection Criteria: Collect on all patients

Volume of packed red blood cells transfused (units or CCs) within first 4 hours after ED/Hospital arrival.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: PM_13
NEMSIS DATA VARIABLE: N/A

MANDATORY = NO
TRANSFUSION BLOOD MEASUREMENT

DEFINITION:

Collection Criteria: Collect on all patients with transfused packed red blood cells within first 4 hours after ED/Hospital arrival.

The measurement used to document the patient’s blood transfusion (Units, CCs [mLs]).

FIELD VALUES:

- Units
- CCs (mLs)

ADDITIONAL INFORMATION:

- DATA ABSTRACT MANUAL

DATA TYPE:

- Alpha

DATA SOURCE HIERARCHY GUIDE:

- None

NTDB DATA VARIABLE: PM_14

NEMSIS DATA VARIABLE: N/A

MANDATORY = NO
TRANSFUSION BLOOD CONVERSION

DEFINITION:

Collection Criteria: Collect on all patients with transfused packed red blood cells within first 4 hours after ED/Hospital arrival.

The quantity of CCs [mLs] constituting a “unit” for blood transfusions at your hospital.

FIELD VALUES:

- Relevant value for data element.

ADDITIONAL INFORMATION:

- DATA ABSTRACT MANUAL

DATA TYPE:

- Numeric

DATA SOURCE HIERARCHY GUIDE:

- None

NTDB DATA VARIABLE: PM_15

NEMSIS DATA VARIABLE: N/A

MANDATORY = NO
**TRANSFUSION PLASMA (4 HOURS)**

**DEFINITION:**

Collection Criteria: Collect on all patients with transfused packed red blood cells within first 4 hours after ED/Hospital arrival.

Volume of plasma (units or CCs) transfused within first 4 hours after ED/Hospital arrival.

**FIELD VALUES:**

- Relevant value for data element.

**ADDITIONAL INFORMATION:**

- DATA ABSTRACT MANUAL

**DATA TYPE:**

- Numeric

**DATA SOURCE HIERARCHY GUIDE:**

- None

**NTDB DATA VARIABLE:** PM_16

**NEMSIS DATA VARIABLE:** N/A

**MANDATORY = NO**
TRANSFUSION PLASMA MEASUREMENT

DEFINITION:
Collection Criteria: Collect on all patients with transfused packed red blood cells within first 4 hours after ED/Hospital arrival.

The measurement used to document the patient’s plasma transfusion (Units, CCs [mLs]).

FIELD VALUES:
- Units
- CCs (mLs)

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: PM_17
NEMSIS DATA VARIABLE: N/A

MANDATORY = NO
TRANSFUSION PLASMA CONVERSION
DEFINITION:
Collection Criteria: Collect on all patients with transfused packed red blood cells within first 4 hours after ED/Hospital arrival.

The quantity of CCs [mLs] constituting a “unit” for plasma transfusions at your hospital.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: PM_18
NEMSIS DATA VARIABLE: N/A

MANDATORY = NO
TRANSFUSION PLATELETS (4 HOURS)

DEFINITION:
Collection Criteria: Collect on all patients with transfused packed red blood cells within first 4 hours after ED/Hospital arrival.

Volume of platelets (units or CCs) transfused within 4 hours after ED/Hospital arrival.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: PM_19
NEMSIS DATA VARIABLE: N/A

MANDATORY = NO
TRANSFUSION PLATELETS MEASUREMENT

DEFINITION:
Collection Criteria: Collect on all patients with transfused packed red blood cells within first 4 hours after ED/Hospital arrival.

The measurement used to document the patient’s platelets transfusion (Units, CCs [mLs]).

FIELD VALUES:
- Units
- CCs (mLs)

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: PM_20
NEMSIS DATA VARIABLE: N/A

MANDATORY = NO
TRANSFUSION PLATELETS CONVERSION
DEFINITION:
Collection Criteria: Collect on all patients with transfused packed red blood cells within first 4 hours after ED/Hospital arrival.

The quantity of CCs [mLs] constituting a “unit” for platelets transfusions at your hospital.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: PM_21
NEMSIS DATA VARIABLE: N/A

MANDATORY = NO
CRYOPRECIPITATE (4 HOURS)

DEFINITION:
Collection Criteria: Collect on all patients with transfused packed red blood cells within first 4 hours after ED/Hospital arrival.

Volume of solution enriched with clotting factors transfused (units or CCs) within first 4 hours after ED/Hospital arrival.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: PM_22
NEMSIS DATA VARIABLE: N/A

MANDATORY = NO
CRYOPRECIPITATE MEASUREMENT

DEFINITION:

Collection Criteria: Collect on all patients with transfused packed red blood cells within first 4 hours after ED/Hospital arrival.

The measurement used to document the patient’s cryoprecipitate transfusion (Units, CCs, [mLs]).

FIELD VALUES:

- Units
- CCs (mLs)

ADDITIONAL INFORMATION:

- DATA ABSTRACT MANUAL

DATA TYPE:

- Alpha

DATA SOURCE HIERARCHY GUIDE:

- None

NTDB DATA VARIABLE: PM_23

NEMSIS DATA VARIABLE: N/A

MANDATORY = NO
CRYOPRECIPITATE CONVERSION
DEFINITION:
Collection Criteria: Collect on all patients with transfused packed red blood cells within first 4 hours after ED/Hospital arrival.

The quantity of CCs [mLs] constituting a “unit” for cryoprecipitate transfusion at your hospital.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: PM_24
NEMSIS DATA VARIABLE: N/A

MANDATORY = NO
LOWEST ED/HOSPITAL SYSTOLIC BLOOD PRESSURE
DEFINITION:
Collection Criteria: Collect on all patients with transfused packed red blood cells within first 4 hours after ED/Hospital arrival.

Lowest systolic blood pressure measured within the first hour of ED/Hospital arrival.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: PM_25
NEMSIS DATA VARIABLE: N/A

MANDATORY = NO
ANGIOGRAPHY
DEFINITION:
Collection Criteria: Collect on all patients with transfused packed red blood cells within first 4 hours after ED/Hospital arrival.
First interventional angiogram with or without embolization within first 24 hours of ED/Hospital arrival.

FIELD VALUES:
- None
- Angiogram only
- Angiogram with embolization
- Angiogram with stenting

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: PM_26
NEMSIS DATA VARIABLE: N/A

MANDATORY = NO
EMBOLIZATION SITE

DEFINITION:
Collection Criteria: Collect on all patients with transfused packed red blood cells within first 4 hours after ED/Hospital arrival.

Organ / site of embolization for hemorrhage control.

FIELD VALUES:
- Liver
- Spleen
- Kidneys
- Pelvic (iliac, gluteal, obturator)
- Retroperitoneum (lumbar, sacral)
- Peripheral vascular (neck, extremities)
- Aorta (thoracic or abdominal)
- Other

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: PM_27
NEMSIS DATA VARIABLE: N/A

MANDATORY = NO
ANGIOGRAPHY DATE

DEFINITION:

Collection Criteria: Collect on all patients with transfused packed red blood cells within first 4 hours after ED/Hospital arrival.

Date the first angiogram with or without embolization was performed.

FIELD VALUES:

- Relevant value for data element.

ADDITIONAL INFORMATION:

- DATA ABSTRACT MANUAL

DATA TYPE:

- Numeric

DATA SOURCE HIERARCHY GUIDE:

- None

NTDB DATA VARIABLE: PM_28

NEMSIS DATA VARIABLE: N/A

MANDATORY = NO
ANGIOGRAPHY TIME

DEFINITION:
Collection Criteria: Collect on all patients with transfused packed red blood cells within first 4 hours after ED/Hospital arrival.

Time the first angiogram with or without embolization was performed.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: PM_29
NEMSIS DATA VARIABLE: N/A

MANDATORY = NO
SURGERY FOR HEMORRHAGE CONTROL TYPE
DEFINITION:
Collection Criteria: Collect on all patients with transfused packed red blood cells within first 4 hours after ED/Hospital arrival.

First type of surgery for hemorrhage control within the first 24 hours of ED/Hospital arrival.

FIELD VALUES:
- None
- Laparotomy
- Thoracotomy
- Sternotomy
- Extremity
- Neck
- Mangled extremity/traumatic amputation
- Other skin/soft tissue
- Extraperitoneal Pelvic Packing

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alpha

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: PM_30
NEMSIS DATA VARIABLE: N/A

MANDATORY = NO
SURGERY FOR HEMORRHAGE CONTROL DATE

DEFINITION:
Collection Criteria: Collect on all patients with transfused packed red blood cells within first 4 hours after ED/Hospital arrival.

Date of first surgery for hemorrhage control within first 24 hours of ED/Hospital arrival.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: PM_31
NEMSIS DATA VARIABLE: N/A

MANDATORY = NO
SURGERY FOR HEMORRHAGE CONTROL TIME

DEFINITION:
Collection Criteria: Collect on all patients with transfused packed red blood cells within first 4 hours after ED/Hospital arrival.

Time of first surgery for hemorrhage control within first 24 hours of ED/Hospital arrival.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Numeric

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: PM_32
NEMSIS DATA VARIABLE: N/A

MANDATORY = NO
WITHDRAWAL OF LIFE SUSTAINING TREATMENT

DEFINITION:

Collection Criteria: Collect on all patients

Treatment was withdrawn based on a decision to either remove or withhold further life supporting intervention. This decision must be documented in the medical record and is often, but not always associated with a discussion with the legal next of kin.

FIELD VALUES:

- Yes
- No

ADDITIONAL INFORMATION:

- DATA ABSTRACT MANUAL

DATA TYPE:

- Alpha

DATA SOURCE HIERARCHY GUIDE:

- None

NTDB DATA VARIABLE: PM_33

NEMSIS DATA VARIABLE: N/A

MANDATORY = NO
WITHDRAWAL OF LIFE SUSTAINING TREATMENT DATE
DEFINITION:
Collection Criteria: Collect on all patients
The date treatment was withdrawn.

FIELD VALUES:
• Relevant value for data element.

ADDITIONAL INFORMATION:
• DATA ABSTRACT MANUAL

DATA TYPE:
• Numeric

DATA SOURCE HIERARCHY GUIDE:
• None

NTDB DATA VARIABLE: PM_34
NEMSIS DATA VARIABLE: N/A

MANDATORY = NO
WITHDRAWAL OF LIFE SUSTAINING TREATMENT TIME

DEFINITION:

Collection Criteria: Collect on all patients

The time treatment was withdrawn.

FIELD VALUES:

- Relevant value for data element.

ADDITIONAL INFORMATION:

- DATA ABSTRACT MANUAL

DATA TYPE:

- Numeric

DATA SOURCE HIERARCHY GUIDE:

- None

NTDB DATA VARIABLE: PM_35

NEMSIS DATA VARIABLE: N/A

MANDATORY = NO
ANTIBIOTIC THERAPY

DEFINITION:

Collection Criteria: Collect on all patients with any open fracture(s)

Intravenous antibiotic therapy was administered to the patient within 24 hours after first hospital encounter.

FIELD VALUES:

- Yes
- No

ADDITIONAL INFORMATION:

- DATA ABSTRACT MANUAL

DATA TYPE:

- Alpha

DATA SOURCE HIERARCHY GUIDE:

- None

NTDB DATA VARIABLE: PM_36

NEMSIS DATA VARIABLE: N/A

MANDATORY = NO
ANTIBIOTIC THERAPY DATE
DEFINITION:
Collection Criteria: Collect on all patients with any open fracture(s)
The date of first recorded intravenous antibiotics therapy administered to the patient within 24 hours after first hospital encounter.

FIELD VALUES:
• Relevant value for data element.

ADDITIONAL INFORMATION:
• DATA ABSTRACT MANUAL

DATA TYPE:
• Numeric

DATA SOURCE HIERARCHY GUIDE:
• None

NTDB DATA VARIABLE: PM_37
NEMSIS DATA VARIABLE: N/A

MANDATORY = NO
ANTIBIOTIC THERAPY TIME

DEFINITION:

Collection Criteria: Collect on all patients with any open fracture(s)

The time of first recorded intravenous antibiotic therapy administered to the patient within 24 hours after first hospital encounter.

FIELD VALUES:

- Relevant value for data element.

ADDITIONAL INFORMATION:

- DATA ABSTRACT MANUAL

DATA TYPE:

- Numeric

DATA SOURCE HIERARCHY GUIDE:

- None

NTDB DATA VARIABLE: PM_38

NEMSIS DATA VARIABLE: N/A

MANDATORY = NO
GENERAL COMMUNICATION
GENERAL COMMUNICATION

DEFINITION:
A free text field for any general communication needs regarding patient care, or the patient trauma registry record.

FIELD VALUES:
- Relevant value for data element.

ADDITIONAL INFORMATION:
- DATA ABSTRACT MANUAL

DATA TYPE:
- Alphanumeric

DATA SOURCE HIERARCHY GUIDE:
- None

NTDB DATA VARIABLE: N/A
NEMSIS DATA VARIABLE: N/A

MANDATORY = NO
APPENDIX A:

OREGON TRAUMA REGISTRY INCLUSION CRITERIA and EXHIBITS
TRAUMA INCLUSION CRITERIA
Effective July 1, 2017


EXHIBIT 1: OREGON TRAUMA SYSTEM AREA MAP

EXHIBIT 2: GUIDELINES FOR FIELD TRIAGE OF INJURED PATIENTS

EXHIBIT 3: OREGON TRAUMA TEAM ACTIVATION CRITERIA

EXHIBIT 4: OREGON TRAUMA HOSPITAL RESOURCE STANDARDS

EXHIBIT 5: OREGON CRITERIA FOR CONSIDERATION OF TRANSFER TO A LEVEL I OR II TRAUMA CENTER
APPENDIX B: Change log
<table>
<thead>
<tr>
<th>2019 NTDB VARIABLE NAME</th>
<th>NTDB VARIABLE PICKLIST</th>
<th>2019 OREGON DD VARIABLE NAME</th>
<th>OREGON VARIABLE PICKLIST</th>
<th>2019 OREGON TO NTDB MAPPING</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Activation Level</td>
<td>Activation Level</td>
<td>Partial</td>
<td>N/A</td>
<td>Element not collected by NTDB, no mapping changes needed. Lancet to remove &quot;PARTIAL&quot; from the 2019 OTR.</td>
<td></td>
</tr>
<tr>
<td>Date of Birth</td>
<td>Date of Birth</td>
<td>N/A</td>
<td>N/A</td>
<td>No changes needed. Definition change only.</td>
<td></td>
</tr>
<tr>
<td>Sex</td>
<td>M / F</td>
<td>Sex</td>
<td>M / F / X</td>
<td>NTDB only collects M / F. Oregon will be collecting the picklist option of &quot;X&quot;. Lancet to map the variable &quot;X&quot; to *ND (Not Documented) in the NTDB.</td>
<td></td>
</tr>
<tr>
<td>Patient's Alternate Residence</td>
<td>Homeless / Migrant Worker / Undocumented Citizen</td>
<td>Patient's Alternate Residence</td>
<td>Homeless / Migrant Worker</td>
<td>Undocumented Citizen Element for Oregon will not include &quot;UNDOCUMENTED CITIZEN&quot;. Lancet to map Undocumented Citizen to Migrant Worker.</td>
<td></td>
</tr>
<tr>
<td>SSN (Social Security Number)</td>
<td>SSN (Social Security Number)</td>
<td>N/A</td>
<td>N/A</td>
<td>Element SSN (Social Security Number) is not collected by the NTDB, no mapping changes are needed. Oregon will no longer be collecting SSN. Remove from the 2019 OTR.</td>
<td></td>
</tr>
<tr>
<td>Mass Casualty Incident</td>
<td>Yes / No</td>
<td>Mass Casualty Incident</td>
<td>Yes / No</td>
<td>No changes needed. Definition change only.</td>
<td></td>
</tr>
<tr>
<td>Pediatric &lt;5 years</td>
<td>Pediatric &lt;5 years</td>
<td>Pediatric &lt;5 years</td>
<td>As Appropriate for NTDB</td>
<td>Add new element and Pick List Options to 2019 OTR.</td>
<td></td>
</tr>
<tr>
<td>Trauma Center Criteria</td>
<td>Drug Screen Results</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>------------------------</td>
<td>---------------------</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Respiratory Rate &lt;10 or &gt;29 Breaths Per Minute (20 in infants &lt; 1 year) or need for ventilatory support</td>
<td>Removed: Propoxyphene, Meperidine, Tramadol, Zolpiden, Carisoprodol, Buprenorphine, Sufentanil, Fentanyl</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Initial Field GCS 40 – Verbal – Optional Field</th>
<th>Initial Field GCS 40 - Verbal</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Initial Field GCS 40 – Motor – Optional Field</th>
<th>Initial Field GCS 40 - Motor</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Trauma Center Criteria</th>
<th>Drug Screen Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>Lancet to remove appropriate picklist drugs from the 2019 OTR in order to comply with 2019 NTDB. Map as appropriate.</td>
</tr>
<tr>
<td>Co-Morbidities - Data Element Name Change to: &quot;Pre-Existing Conditions&quot;</td>
<td>Pick List All options now Yes / No</td>
</tr>
<tr>
<td>Complications - Data Element Name Changes to: &quot;Hospital Events&quot;</td>
<td>Pick List All options now Yes / No</td>
</tr>
<tr>
<td>TQIP - Venous Thromboembolism Prophylaxis Type – Optional Field</td>
<td>Removed: Heparin, Coumadin</td>
</tr>
<tr>
<td>TQIP - Transfusion Blood (24 Hours) – Optional Field</td>
<td>Element Removed</td>
</tr>
<tr>
<td>TQIP - Transfusion Plasma (24 Hours) – Optional Field</td>
<td>Element Removed</td>
</tr>
<tr>
<td>TQIP - Transfusion Platelets (24 Hours) – Optional Field</td>
<td>Element Removed</td>
</tr>
<tr>
<td>TQIP - Transfusion Cryoprecipitate (24 Hours) – Optional Field</td>
<td>Element Removed</td>
</tr>
</tbody>
</table>
Lancet to include new element "Antibiotic Therapy" in the 2019 OTR. Map as appropriate for 2019 NTDB.

Lancet to include new element "Antibiotic Therapy Date/Time" in the 2019 OTR. Map as appropriate for 2019 NTDB.

Element not collected by NTDB. Lancet to remove page and ALL elements from 2019 OTR.
<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
<th>Status</th>
<th>Date</th>
<th>TQIP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Highest GCS Total (TBI) PM_01</td>
<td>308</td>
<td>NO</td>
<td>02/13/2019</td>
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<tr>
<td>Highest GCS Total (TBI) PM_01</td>
<td>309</td>
<td>NO</td>
<td>02/13/2019</td>
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<tr>
<td>Highest GCS Motor PM_02</td>
<td>310</td>
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<tr>
<td>GCS Assessment Qualifier Component of Highest GCS Total PM_03</td>
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<td>Highest GCS 40 – MOTOR PM_04</td>
<td>312</td>
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<td>02/13/2019</td>
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<tr>
<td>Initial ED/Hospital Pupillary Response PM_05</td>
<td>313</td>
<td>NO</td>
<td>02/13/2019</td>
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<tr>
<td>Midline Shift PM_06</td>
<td>314</td>
<td>NO</td>
<td>02/13/2019</td>
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<tr>
<td>Cerebral Monitor PM_07</td>
<td>315</td>
<td>NO</td>
<td>02/13/2019</td>
<td></td>
</tr>
<tr>
<td>Cerebral Monitor Date PM_08</td>
<td>316</td>
<td>NO</td>
<td>02/13/2019</td>
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<tr>
<td>Cerebral Monitor Time PM_09</td>
<td>317</td>
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<td>02/13/2019</td>
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<tr>
<td>Venous Thromboembolism Prophylaxis Type PM_10</td>
<td>318</td>
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<td>Venous Thromboembolism Prophylaxis Date PM_11</td>
<td>319</td>
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<td>Venous Thromboembolism Prophylaxis Time PM_12</td>
<td>320</td>
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<tr>
<td>Transfusion Blood (4 Hours) PM_13</td>
<td>321</td>
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<tr>
<td>Transfusion Blood Measurement PM_14</td>
<td>322</td>
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<td>Transfusion Blood Conversion PM_15</td>
<td>323</td>
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<td>Transfusion Plasma (4 Hours) PM_16</td>
<td>324</td>
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<td>02/13/2019</td>
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<td>Transfusion Plasma Measurement PM_17</td>
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<td>Transfusion Plasma Conversion</td>
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<td>Transfusion Platelets (4 Hours)</td>
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<td>02/13/2019</td>
<td>TQIP</td>
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<td>Transfusion Platelets Measurement</td>
<td>328</td>
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<td>Transfusion Platelets Conversion</td>
<td>329</td>
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<td>02/13/2019</td>
<td>TQIP</td>
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<td>Cryoprecipitate (4 Hours)</td>
<td>330</td>
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<td>02/13/2019</td>
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<td>Cryoprecipitate Measurement</td>
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<td>Cryoprecipitate Conversion</td>
<td>332</td>
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<td>Lowest ED/Hospital Systolic Blood Pressure</td>
<td>333</td>
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<tr>
<td>Angiography</td>
<td>334</td>
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<td>02/13/2019</td>
<td>TQIP</td>
</tr>
<tr>
<td>Embolization Site</td>
<td>335</td>
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<td>TQIP</td>
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<tr>
<td>Angiography Date</td>
<td>336</td>
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<td>02/13/2019</td>
<td>TQIP</td>
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<tr>
<td>Angiography Time</td>
<td>337</td>
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<td>TQIP</td>
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<tr>
<td>Surgery for Hemorrhage Control Type</td>
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<td>NO</td>
<td>02/13/2019</td>
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<td>Surgery for Hemorrhage Control Date</td>
<td>339</td>
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<td>02/13/2019</td>
<td>TQIP</td>
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<td>Surgery for Hemorrhage Control Time</td>
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<tr>
<td>Withdrawal of Life Sustaining Treatment</td>
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<td>TQIP</td>
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<td>TQIP</td>
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<tr>
<td>Antibiotic Therapy Date</td>
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<td>Antibiotic Therapy Time</td>
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<tr>
<td>General Communication</td>
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<td>348</td>
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