



## NC Trauma Registry Single Variable Data Validation Form

Run frequencies of data items and check for a valid response in each of the data fields:  
Change all default values to appropriate response. See explanation key at end.

### NCDVSI – Demographics

**Sex**

**Valid Responses:**

F M ?

**Default Value:** (blank)

Do not leave at default value

**Race**

**Valid Responses:**

A B H I *M* O W ?

**Default Value:** (blank)

Do not leave at default value

**Age\***

**Valid Responses:**

Age range  $\geq 0$  to  $<100$  (autocalculated)

**Default Value:** (blank)

**DOB\***

**Valid Responses:**

**Default Value:** (blank)

Do not leave at default value

\*If age unknown try to estimate age based on information available in patient record, if day and month unknown use 01/01.

### NCDVSI- Injury

**Injury Date**

**Valid Responses:**

Date , ?

**Default Value:** (blank)

Do not leave at default value

Fill in an injury date when possible by using information in patient record to determine an actual or approximate injury date

**E-Code 1**

**Valid Responses:**

Validate all blanks

**Default Value:** (blank)

Do not leave at default value

**Blunt**

**Valid Responses:**

Blunt

Burn

Penetrating

/ (Use for N/A)

?

**Default Value:** (blank)

Do not leave at default value

Change to appropriate

response based on E-code

***NCDVSI- Pre-hospital***

**EMS Report**

**Valid Responses:**

C, I, M, / (= former Z), ?

**Default Value:** (blank)

Do not leave at default

***NCDVSI- Referring Hospital***

**Hospital Transfer**

**Valid Responses:**

Y N ?

**Default Value:** (blank)

Do not leave at default value

***NCDVSI- ED Admission***

**Direct Admit**

**Valid Responses:**

Y N

**Default Value:** (blank)

Do not leave at default value

**Arrived From**

**Valid Responses:**

***Clinic***

***MD Office***

Home

Jail

Nursing Home

Refer Hospital

Scene

***EMS Station***

***Urgent Care***

?

**Default Value:** (blank)

Do not leave at default value

**Transport**

**Valid Responses:**

ALS

***ALS/Helicopter***

Ambulance

BLS

***BLS/ALS***

***BLS/Helicopter***

Helicopter

***Other***

Police

Private Vehicle

Walk

?

**Default Value:** (blank)

Do not leave at default

***NCDVSI- ED Admission (continued)***

**Complaint**

**Valid Responses:**

Accident

Aircraft

Animal

***ATV***

Assault (NOTE: Suicides and Rapes =Assault)

Bicycle

Burn

***Dirt Bike***

Electrical

Fall

***Golf Cart***

GSW

Machine

***Moped***

MCC

MVC

Pedestrian

Sports

Stab Wound

Struck

**Default Value:** (blank)

Do not leave at default

**L1, L2, L3 Activations**

**Valid Responses:**

N Y

**Default Value:** (blank)

Do not leave at default value

***NCDVSI- ED Assessment I***

**ED Vital Signs**

Temp \*\*\*Verify values <90 and >107

Pulse \*\*\*Verify values <40 and >200

Resp \*\*\*Verify values < 8 and > 40

B/P \*\*\*Verify values <90

/

?

**Default Value:** (blank)

Do not leave at default

**ED GCS (Calculated)**

Valid Responses:

**Default Value:** (blank)

Do not leave at default

Range between 3-15

/

?

***NCDVSI- ED Assessment I (continued)***

**Airway**

**Valid Responses:**

Bag&Mask  
Cricothyrotomy  
EOA

**Default Value:** (blank)

Do not leave at default

***ETT***

***ETT/Trans EMS***

Nasal ETT

Oral

Oral ETT

***Refer-Cric***

***Refer-ETT***

***Refer Trach***

***Refer Nasal***

***Scene-Cric***

***Scene-ETT***

***Scene Trach***

***LMA***

Trach

/

?

**CPR**

**Valid Responses:**

ED CPR

***CPR/Refer Hosp***

***CPR/Scene***

***CPR/Trans EMS***

/

?

**Blood**

**Valid Responses:**

0 to 999 # of units (999 if blood  
given 1<sup>st</sup> 24 hrs, but amount  
unknown)

**Default Value:** (blank)

Do not leave at default

***NCDVSI- ED Assessment II***

**Head CT / ABD CT / Chest CT / ABD Ultrasound**

**Valid Responses:**

***Inconclusive***

Negative

Positive

/, ?

**Default Value:** (blank)

Do not leave at default

***NCDVSI- ED Assessment II continued.***

**ED Disposition**

**Valid Responses:**

***AMA***

***Burn Center***

Death

DOA (Death)

***ED Observation***

Floor

Home

***Home Health***

***Jail***

ICU

***LD***

***Nursing Home***

OR

***PICU***

***Psych/Detox***

***Rehab***

***SNF***

***Step Down***

Telemetry

Transfer

***Trauma Center***

/

?

**Default Value:** (blank)

Do not leave at default

**Admit Service**

**Valid Responses:**

Burn

Cardiology

***CT Surgery***

***Emergency Med***

ENT

Gen Surgery

Hand

***Medicine***

Neuro

***Not Admitted***

***OB/GYN***

Ophtha

***Oral Surgery***

Ortho

***Other***

***PCC***

**Default Value:** (blank)

Do not leave at default

**Admit Service**

Valid Responses (cont)

Peds

***Pediatric Surg***

Plastics

***Psychiatry***

Trauma

Urology

***Vascular Surg***

?

<b><i>NCDVS 2-ED Assessment II Consults</i></b>
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**Valid Responses:**

- Anesthesia
- Burn
- Dental
- Dermatology
- Cardiology
- CMF
- Critical Care
- CT Surgery
- DSS/Child Abuse
- ENT
- Gen Surgery
- Hand
- Medicine
- Neuro
- Neuropedics
- None
- OB/GYN
- Ophtha
- Oral Surgery
- Ortho
- Other
- Peds
- Pediatric Surg
- Plastics
- PCC
- Psychiatry
- Pulmonary
- Renal
- Sub Abuse
- Trauma
- Trauma-Ortho
- Urology
- Vascular Surg

**Default Value:** (blank)

Do not leave at default ***and no consult listed should be the same as the admit service***

- Endocrinology
- Gastro
- Infectious Disease
- Neurology
- Oncology
- Organ Donation
- Pastoral Care
- Radiology
- Rehab
- Rheumatology
- Toxicology
- Wound Management

***NCDVSI- Hospital Diagnosis***

**Diagnosis**

**Valid Responses:**

DX 1 Code between 800-959.9

**Default Value:** (blank)

Do not leave at default

**ISS**

**Valid Responses:**

1 – 75

**Default Value:** Calculated

**Verify any blank scores, if it shouldn't be calculated, leave blank**

**Ps**

**Valid Responses:**

0 – 1.0

**Default Value:** Calculated

**Verify any blank scores, if it shouldn't be calculated leave blank**

(Blanks can occur due to missing age, mechanism, RTS or ISS)

***NCDVSI- Hospital Outcome***

**Discharge Service**

**Valid Responses:**

Burn

Cardiology

***CT Surgery***

ENT

Gen Surgery

Hand

***Medicine***

Neuro

***Not Admitted***

***Emergency Medicine***

***OB/GYN***

Ophtha

***Oral Surgery***

Ortho

***Other***

***PCC***

Peds

***Pediatric Surg***

Plastics

***Psychiatry***

***Rehab***

***Renal***

Trauma

Urology

***Vascular Surg***

**Default Value:** Not Recorded

Do not leave at default

**Hospital Disposition**

**Valid Responses:**

*AMA*

Burn Center

Death

DOA (Death)

Home

Home Health

*Hospice*

Jail

Nursing Home

*Psych/Detox*

Rehab

SNF

Transfer

*Trauma Center*

?

**Default Value:** (blank)

Do not leave at default

***NCDVS1- Hospital Outcome***

**Vent Days**

**Valid Responses:**

$\geq 0$

? Had vent days but number unknown

**Default Value:** (blank)

Do not leave at default

**ICU Days**

**Valid Responses**

$\geq 0$

? Had ICU days but number unknown

**Default Value:** (blank)

Do not leave at default value

**Hospital Days**

**Valid Responses:**

$\geq 1$

**Default Value:** (blank)

Do not leave at default

Hospital days will always calculate to one in this version

**23 Hour Observation**

**Valid Responses:**

N Y

**Default Value:** (blank)

Do not leave at default

***NCDVSI- Financial***

**Charges**

**Valid Responses:**

Validate charges <100 and > 500,000  
?

**Default Value:** (blank)

Do not leave at default

**Insurance**

**Valid Responses:**

Auto  
Commercial

**Default Value:** (blank)

Do not leave at default

***Government***

Managed Care  
Medicare  
Medicaid

***Military/Champu***

None  
Other  
Private Charity  
Self Pay

***State Employee***

Workers Comp  
?

**Complete**

**Valid Responses:**

N Y ***D***

**Default Value:** (blank)

Do not leave at default

Complete but not sent to state.  
Will go to state for site visit chart  
request

NOTES:

Bolding indicates NC custom choices except for Consults data field

/ means inappropriate to be used like Not Performed.

? means unknown