TITCO-I codebook beta

April 25, 2017

Before consulting this document you should have read the accompanying README file.

This codebook provides details on all variables in the TITCO-I dataset, including descriptions, data sources, type, values and value labels. Be careful to consult the note section, if any, of variables that you wish to include in your analysis, before getting too excited. Also, note that the table of contents below is in alphabetical order to facilitate lookup.

Feel free to contact us at Martin Gerdin (martingerdin@gmail.com) or Nobhojit Roy (nobsroy@gmail.com).

Contents

abdomen_and_pelvic_contents

Label

Abdomen and pelvic contents AIS severity codes

Description

Injury severities to the abdomen and pelvic contents region according to the abbreviated injury scale (AIS)

Source

Assigned by a single certified AIS coder based on the injury strings available in e_1-ot_11

Type

---

age

Label

Age in years

Description

Patient's age rounded up to closest whole year

Source

Recorded by project officer from patient record, health care staff, or by asking the patient or any of his/her relatives

Type

quantitative

---

aw

Label

Arrived walking

Description

Describes whether the patient arrived walking

Source

Recorded by project officer from patient record or by asking the patient or any of his/her relatives

Type

qualitative

Values and if relevant value labels

No
Yes

---

bgl

Label

Blood glucose level

Description

The first blood glucose level recorded within 24 hours of arriving to participating hospital

Source

Recorded by project officer from patient record

Type

quantitative

---

bun

Label

Blood urea nitrogen

Description

The first blood urea nitrogen recorded within 24 hours of arriving to participating hospital

Source

Recorded by project officer from patient record

Type

quantitative

---

chest

Label

Chest AIS severity codes

Description

Injury severities to the chest region according to the abbreviated injury scale (AIS)

Source

Assigned by a single certified AIS coder based on the injury strings available in e_1-ot_11

Type

---

ct

Label

Computed tomography

Description

Describes whether the patient underwent a computed tomography within 24 hours of arrival to participating hospital

Source

Recorded by project officer from patient record

Type

qualitative

Values and if relevant value labels

No
Yes

---

ct_1

Label

CT injury 1

Description

Injury from CT report 1

Source

Recorded by project officer from patient record, physician notes or CT report

Type

---

ct_1_icd

Label

CT injury 1 ICD-10 code

Description

Injury from CT report 1 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health
Organization's online training course

Type

---

ct_10

Label

CT injury 10

Description

Injury from CT report 10

Source

Recorded by project officer from patient record, physician notes or CT report

Type

---

ct_10_icd

Label

CT injury 10 ICD-10 code

Description

Injury from CT report 10 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

ct_11

Label

CT injury 11

Description

Injury from CT report 11

Source

Recorded by project officer from patient record, physician notes or CT report

Type

---

ct_11_icd

Label

CT injury 11 ICD-10 code

Description

Injury from CT report 11 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

ct_12

Label

CT injury 12

Description

Injury from CT report 12

Source

Recorded by project officer from patient record, physician notes or CT report

Type

---

ct_12_icd

Label

CT injury 12 ICD-10 code

Description

Injury from CT report 12 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health
Organization's online training course

Type

---

ct_13

Label

CT injury 13

Description

Injury from CT report 13

Source

Recorded by project officer from patient record, physician notes or CT report

Type

---

ct_13_icd

Label

CT injury 13 ICD-10 code

Description

Injury from CT report 13 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

ct_2

Label

CT injury 2

Description

Injury from CT report 2

Source

Recorded by project officer from patient record, physician notes or CT report

Type

---

ct_2_icd

Label

CT injury 2 ICD-10 code

Description

Injury from CT report 2 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

ct_3

Label

CT injury 3

Description

Injury from CT report 3

Source

Recorded by project officer from patient record, physician notes or CT report

Type

---

ct_3_icd

Label

CT injury 3 ICD-10 code

Description

Injury from CT report 3 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

ct_4

Label

CT injury 4

Description

Injury from CT report 4

Source

Recorded by project officer from patient record, physician notes or CT report

Type

---

ct_4_icd

Label

CT injury 4 ICD-10 code

Description

Injury from CT report 4 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

ct_5

Label

CT injury 5

Description

Injury from CT report 5

Source

Recorded by project officer from patient record, physician notes or CT report

Type

---

ct_5_icd

Label

CT injury 5 ICD-10 code

Description

Injury from CT report 5 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

ct_6

Label

CT injury 6

Description

Injury from CT report 6

Source

Recorded by project officer from patient record, physician notes or CT report

Type

---

ct_6_icd

Label

CT injury 6 ICD-10 code

Description

Injury from CT report 6 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

ct_7

Label

CT injury 7

Description

Injury from CT report 7

Source

Recorded by project officer from patient record, physician notes or CT report

Type

---

ct_7_icd

Label

CT injury 7 ICD-10 code

Description

Injury from CT report 7 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

ct_8

Label

CT injury 8

Description

Injury from CT report 8

Source

Recorded by project officer from patient record, physician notes or CT report

Type

---

ct_8_icd

Label

CT injury 8 ICD-10 code

Description

Injury from CT report 8 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

ct_9

Label

CT injury 9

Description

Injury from CT report 9

Source

Recorded by project officer from patient record, physician notes or CT report

Type

---

ct_9_icd

Label

CT injury 9 ICD-10 code

Description

Injury from CT report 9 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

dama

Label

Discharged against medical advice

Description

Describes whether the patient was discharged against medical advice or absconded

Source

Recorded by project officer from patient record

Type

qualitative

Values and if relevant value labels

No
Yes

---

died

Label

Patient died

Description

Describes whether the patient died in hospital

Source

Recorded by project officer from patient record

Type

qualitative

Values and if relevant value labels

No
Yes

---

do

Label

Directly observed

Description

Describes whether the patient was enrolled during the project officer's shift

Source

Assigned by project officer

Type

qualitative

Values and if relevant value labels

No
Yes

doa

Label

Date of admission

Description

The date when the patient was admitted in participating hospital in Y-M-D format

Source

Recorded by project officer from patient record

Type

date

doar

Label

Date of arrival

Description

The date when the patient arrived to participating hospital in Y-M-D format

Source

Recorded by project officer from patient record or by asking the patient or any of his/her relatives

Type

date

---

doct

Label

Date of computed tomography

Description

The date in Y-M-D format when the computed tomography was done

Source

Recorded by project officer from patient record

Type

date

---

dodd

Label

Date of death or discharge

Description

The date when the patient died or was discharged in Y-M-D format

Source

Recorded by project officer from patient record

Type

date

---

doi

Label

Date of injury

Description

The date when the injury occured in Y-M-D format

Source

Recorded by project officer from patient record or by asking the patient or any of his/her relatives

Type

date

---

dom_1

Label

Date of first recording

Description

The date in Y-M-D format when the first recording of vital signs after the patient arrived to participating hospital was done

Source

Recorded by project officer from patient record or by direct observation

Type

date

---

dom_2

Label

Date of second recording

Description

The date in Y-M-D format when the second recording of vital signs after the patient arrived to participating hospital was done

Source

Recorded by project officer from patient record or by direct observation

Type

date

e_1

Label

External injury 1

Description

External injury 1

Source

Recorded by project officer from patient record, physician notes

Type

e_1_icd

Label

External injury 1 ICD-10 code

Description

External injury 1 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

e_10

Label

External injury 10

Description

External injury 10

Source

Recorded by project officer from patient record, physician notes

Type

---

e_10_icd

Label

External injury 10 ICD-10 code

Description

External injury 10 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

e_11

Label

External injury 11

Description

External injury 11

Source

Recorded by project officer from patient record, physician notes

Type

---

e_11_icd

Label

External injury 11 ICD-10 code

Description

External injury 11 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

e_12

Label

External injury 12

Description

External injury 12

Source

Recorded by project officer from patient record, physician notes

Type

---

e_12_icd

Label

External injury 12 ICD-10 code

Description

External injury 12 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

e_2

Label

External injury 2

Description

External injury 2

Source

Recorded by project officer from patient record, physician notes

Type

---

e_2_icd

Label

External injury 2 ICD-10 code

Description

External injury 2 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

e_3

Label

External injury 3

Description

External injury 3

Source

Recorded by project officer from patient record, physician notes

Type

---

e_3_icd

Label

External injury 3 ICD-10 code

Description

External injury 3 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

e_4

Label

External injury 4

Description

External injury 4

Source

Recorded by project officer from patient record, physician notes

Type

---

e_4_icd

Label

External injury 4 ICD-10 code

Description

External injury 4 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

e_5

Label

External injury 5

Description

External injury 5

Source

Recorded by project officer from patient record, physician notes

Type

---

e_5_icd

Label

External injury 5 ICD-10 code

Description

External injury 5 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

e_6

Label

External injury 6

Description

External injury 6

Source

Recorded by project officer from patient record, physician notes

Type

---

e_6_icd

Label

External injury 6 ICD-10 code

Description

External injury 6 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

e_7

Label

External injury 7

Description

External injury 7

Source

Recorded by project officer from patient record, physician notes

Type

---

e_7_icd

Label

External injury 7 ICD-10 code

Description

External injury 7 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

e_8

Label

External injury 8

Description

External injury 8

Source

Recorded by project officer from patient record, physician notes

Type

---

e_8_icd

Label

External injury 8 ICD-10 code

Description

External injury 8 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

e_9

Label

External injury 9

Description

External injury 9

Source

Recorded by project officer from patient record, physician notes

Type

---

e_9_icd

Label

External injury 9 ICD-10 code

Description

External injury 9 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

external

Label

External AIS severity codes

Description

Injury severities to the external region according to the abbreviated injury scale (AIS)

Source

Assigned by a single certified AIS coder based on the injury strings available in e_1-ot_11

Type

---

extremities

Label

Extremities AIS severity codes

Description

Injury severities to the extremities region according to the abbreviated injury scale (AIS)

Source

Assigned by a single certified AIS coder based on the injury strings available in e_1-ot_11

Type

---

face

Label

Face AIS severity codes

Description

Injury severities to the face region according to the abbreviated injury scale (AIS)

Source

Assigned by a single certified AIS coder based on the injury strings available in e_1-ot_11

Type

---

fast

Label

Focused assessment with sonography in trauma

Description

Describes whether the patient underwent focused assessment with sonography in trauma within 24 hours of arrival to participating hospital

Source

Recorded by project officer from patient record

Type

qualitative

Values and if relevant value labels

No
Yes

---

fast_1

Label

FAST injury 1

Description

Injury from FAST report 1

Source

Recorded by project officer from patient record, physician notes or ultrasonography report

Type

---

fast_1_icd

Label

FAST injury 1 ICD-10 code

Description

Injury from FAST report 1 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

fast_10

Label

FAST injury 10

Description

Injury from FAST report 10

Source

Recorded by project officer from patient record, physician notes or ultrasonography report

Type

---

fast_10_icd

Label

FAST injury 10 ICD-10 code

Description

Injury from FAST report 10 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

fast_11

Label

FAST injury 11

Description

Injury from FAST report 11

Source

Recorded by project officer from patient record, physician notes or ultrasonography report

Type

---

fast_11_icd

Label

FAST injury 11 ICD-10 code

Description

Injury from FAST report 11 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

fast_2

Label

FAST injury 2

Description

Injury from FAST report 2

Source

Recorded by project officer from patient record, physician notes or ultrasonography report

Type

---

fast_2_icd

Label

FAST injury 2 ICD-10 code

Description

Injury from FAST report 2 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

fast_3

Label

FAST injury 3

Description

Injury from FAST report 3

Source

Recorded by project officer from patient record, physician notes or ultrasonography report

Type

---

fast_3_icd

Label

FAST injury 3 ICD-10 code

Description

Injury from FAST report 3 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

fast_4

Label

FAST injury 4

Description

Injury from FAST report 4

Source

Recorded by project officer from patient record, physician notes or ultrasonography report

Type

---

fast_4_icd

Label

FAST injury 4 ICD-10 code

Description

Injury from FAST report 4 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

fast_5

Label

FAST injury 5

Description

Injury from FAST report 5

Source

Recorded by project officer from patient record, physician notes or ultrasonography report

Type

---

fast_5_icd

Label

FAST injury 5 ICD-10 code

Description

Injury from FAST report 5 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

fast_6

Label

FAST injury 6

Description

Injury from FAST report 6

Source

Recorded by project officer from patient record, physician notes or ultrasonography report

Type

---

fast_6_icd

Label

FAST injury 6 ICD-10 code

Description

Injury from FAST report 6 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

fast_7

Label

FAST injury 7

Description

Injury from FAST report 7

Source

Recorded by project officer from patient record, physician notes or ultrasonography report

Type

---

fast_7_icd

Label

FAST injury 7 ICD-10 code

Description

Injury from FAST report 7 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

fast_8

Label

FAST injury 8

Description

Injury from FAST report 8

Source

Recorded by project officer from patient record, physician notes or ultrasonography report

Type

---

fast_8_icd

Label

FAST injury 8 ICD-10 code

Description

Injury from FAST report 8 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

fast_9

Label

FAST injury 9

Description

Injury from FAST report 9

Source

Recorded by project officer from patient record, physician notes or ultrasonography report

Type

---

fast_9_icd

Label

FAST injury 9 ICD-10 code

Description

Injury from FAST report 9 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

gcs_e_1

Label

Glasgow coma scale, eye component, first recording

Description

The first recording of the patient's eye component of the Glasgow coma scale after arrival to participating hospital

Source

Recorded by project officer from patient record or by asking the health care staff to record and report

Type

qualitative

Values and if relevant value labels

1
1c
2
3
4

---

gcs_e_2

Label

Glasgow coma scale, eye component, second recording

Description

The second recording of the patient's eye component of the Glasgow coma scale after arrival to participating hospital

Source

Recorded by project officer from patient record or by asking the health care staff to record and report

Type

qualitative

Values and if relevant value labels

1
1c
2
3
4

---

gcs_m_1

Label

Glasgow coma scale, motor component, first recording

Description

The first recording of the patient's motor component of the Glasgow coma scale after arrival to participating hospital

Source

Recorded by project officer from patient record or by asking the health care staff to record and report

Type

qualitative

Values and if relevant value labels

1
2
3
4
5
6

---

gcs_m_2

Label

Glasgow coma scale, motor component, second recording

Description

The second recording of the patient's motor component of the Glasgow coma scale after arrival to participating hospital

Source

Recorded by project officer from patient record or by asking the health care staff to record and report

Type

qualitative

Values and if relevant value labels

1
2
3
4
5
6

---

gcs_t_1

Label

Glasgow coma scale, total, first recording

Description

The first recording of the patient's summed Glasgow coma scale after arrival to participating hospital

Source

Recorded by project officer from patient record or by asking the health care staff to record and report

Type

quantitative

---

gcs_t_2

Label

Glasgow coma scale, total, second recording

Description

The second recording of the patient's summed Glasgow coma scale after arrival to participating hospital

Source

Recorded by project officer from patient record or by asking the health care staff to record and report

Type

quantitative

---

gcs_v_1

Label

Glasgow coma scale, verbal component, first recording

Description

The first recording of the patient's verbal component of the Glasgow coma scale after arrival to participating hospital

Source

Recorded by project officer from patient record or by asking the health care staff to record and report

Type

qualitative

Values and if relevant value labels

1
1v
2
3
4
5

---

gcs_v_2

Label

Glasgow coma scale, verbal component, second recording

Description

The second recording of the patient's verbal component of the Glasgow coma scale after arrival to participating hospital

Source

Recorded by project officer from patient record or by asking the health care staff to record and report

Type

qualitative

Values and if relevant value labels

1
1v
2
3
4
5

hb

Label

Hemoglobin

Description

The first hemoglobin drawn within 24 hours of arriving to participating hospital

Source

Recorded by project officer from patient record

Type

quantitative

hc

Label

Hematocrit

Description

The first hematocrit drawn within 24 hours of arriving to participating hospital

Source

Recorded by project officer from patient record

Type

quantitative

---

head_and_neck

Label

Head and neck AIS severity codes

Description

Injury severities to the head and neck region according to the abbreviated injury scale (AIS)

Source

Assigned by a single certified AIS coder based on the injury strings available in e_1-ot_11

Type

---

hos

Label

Hospital identification number

Description

Random number unique for each hospital

Source

Assigned during de-identification

Type

qualitative

Values and if relevant value labels

6273
7215
7842
8264

---

hr_1

Label

Heart rate, first recording

Description

The first recording of the patient's heart rate after arrival to participating hospital

Source

Recorded by project officer from patient record or by asking the health care staff to record and report

Type

quantitative

---

hr_2

Label

Heart rate, second recording

Description

The second recording of the patient's heart rate after arrival to participating hospital

Source

Recorded by project officer from patient record or by asking the health care staff to record and report

Type

quantitative

---

icd_1

Label

Intercostal drain within one hour

Description

Describes whether the patient received an intercostal drain within one hour of arriving to participating hospital

Source

Recorded by project officer from patient record

Type

qualitative

Values and if relevant value labels

Before arrival
No
Yes

---

icd_1_24

Label

Intercostal drain between one and twenty four hours

Description

Describes whether the patient received an intercostal drain between one and twenty four hours of arriving to participating hospital

Source

Recorded by project officer from patient record

Type

qualitative

Values and if relevant value labels

No
Yes

incl

Label

Inclusion criterion used

Description

The inclusion criterion used to enroll the patient

Source

Assigned by project officer

Type

qualitative

Values and if relevant value labels

0 NA
1 Admitted with history of any of the specified mechanism of injury
2 History of any of the below specified injury mechanisms but died between arrival and admission
3 Admitted with potentially life-threatening injury as assessed by treating physician

intub_1

Label

Intubation within one hour

Description

Describes whether the patient was intubated within one hour of arriving to participating hospital

Source

Recorded by project officer from patient record

Type

qualitative

Values and if relevant value labels

Before arrival
No
Yes

---

intub_1_24

Label

Intubation between one and twenty four hours

Description

Describes whether the patient was intubated between one and twenty four hours of arriving to participating hospital

Source

Recorded by project officer from patient record

Type

qualitative

Values and if relevant value labels

No
Yes

---

iss

Label

Injury severity score

Description

The injury severity score

Source

Assigned by a single certified AIS coder based on the injury strings available in e_1-ot_11

Type

---

licu

Label

Length of intensive care unit staty

Description

The length of stay in the intensive care unit, rounded up to closest whole hour

Source

Recorded by project officer from patient record

Type

quantitative

---

losu

Label

Length of surgery

Description

The lenght of surgery, in hours, rounded up to closest whole hour

Source

Recorded by project officer from patient record

Type

quantitative

---

lov

Label

Length of ventilation

Description

The length of ventilation, rounded up to closest whole hour

Source

Recorded by project officer from patient record

Type

quantitative

---

moi

Label

Mechanism of injury

Description

The mechanism of injury

Source

Recorded by project officer from patient record, health care staff, or by asking the patient or any of his/her relatives

Type

qualitative

Values and if relevant value labels

Assault
Burn
Fall
Other
Railway injury
Road traffic injury (bicyclist)
Road traffic injury (driver)
Road traffic injury (motorcyclist)
Road traffic injury (passenger)
Road traffic injury (pedestrian)
Road traffic injury (unspecified)

mot

Label

Mode of transport

Description

Describes how the patient was transported to participating hospital

Source

Recorded by project officer from patient record, health care staff, or by asking the patient or any of his/her relatives

Type

qualitative

Values and if relevant value labels

Ambulance
Carried by man
Other
Police
Private car
Taxi, motor rickshaw

niss

Label

New injury severity score

Description

The new injury severity score

Source

Assigned by a single certified AIS coder based on the injury strings available in e_1-ot_11

Type

---

op_1

Label

Intraoperative finding of injury 1

Description

Injury from intraoperative report 1

Source

Recorded by project officer from patient record, physician intraoperative notes

Type

---

op_1_icd

Label

Intraoperative finding of injury 1 ICD-10 code

Description

Injury from intraoperative report 1 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

op_10

Label

Intraoperative finding of injury 10

Description

Injury from intraoperative report 10

Source

Recorded by project officer from patient record, physician intraoperative notes

Type

---

op_10_icd

Label

Intraoperative finding of injury 10 ICD-10 code

Description

Injury from intraoperative report 10 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

op_11

Label

Intraoperative finding of injury 11

Description

Injury from intraoperative report 11

Source

Recorded by project officer from patient record, physician intraoperative notes

Type

---

op_11_icd

Label

Intraoperative finding of injury 11 ICD-10 code

Description

Injury from intraoperative report 11 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

op_2

Label

Intraoperative finding of injury 2

Description

Injury from intraoperative report 2

Source

Recorded by project officer from patient record, physician intraoperative notes

Type

---

op_2_icd

Label

Intraoperative finding of injury 2 ICD-10 code

Description

Injury from intraoperative report 2 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

op_3

Label

Intraoperative finding of injury 3

Description

Injury from intraoperative report 3

Source

Recorded by project officer from patient record, physician intraoperative notes

Type

---

op_3_icd

Label

Intraoperative finding of injury 3 ICD-10 code

Description

Injury from intraoperative report 3 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

op_4

Label

Intraoperative finding of injury 4

Description

Injury from intraoperative report 4

Source

Recorded by project officer from patient record, physician intraoperative notes

Type

---

op_4_icd

Label

Intraoperative finding of injury 4 ICD-10 code

Description

Injury from intraoperative report 4 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

op_5

Label

Intraoperative finding of injury 5

Description

Injury from intraoperative report 5

Source

Recorded by project officer from patient record, physician intraoperative notes

Type

---

op_5_icd

Label

Intraoperative finding of injury 5 ICD-10 code

Description

Injury from intraoperative report 5 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

op_6

Label

Intraoperative finding of injury 6

Description

Injury from intraoperative report 6

Source

Recorded by project officer from patient record, physician intraoperative notes

Type

---

op_6_icd

Label

Intraoperative finding of injury 6 ICD-10 code

Description

Injury from intraoperative report 6 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

op_7

Label

Intraoperative finding of injury 7

Description

Injury from intraoperative report 7

Source

Recorded by project officer from patient record, physician intraoperative notes

Type

---

op_7_icd

Label

Intraoperative finding of injury 7 ICD-10 code

Description

Injury from intraoperative report 7 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

op_8

Label

Intraoperative finding of injury 8

Description

Injury from intraoperative report 8

Source

Recorded by project officer from patient record, physician intraoperative notes

Type

---

op_8_icd

Label

Intraoperative finding of injury 8 ICD-10 code

Description

Injury from intraoperative report 8 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health
Organization's online training course

Type

---

op_9

Label

Intraoperative finding of injury 9

Description

Injury from intraoperative report 9

Source

Recorded by project officer from patient record, physician intraoperative notes

Type

---

op_9_icd

Label

Intraoperative finding of injury 9 ICD-10 code

Description

Injury from intraoperative report 9 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

ot_1

Label

Taken to the operation theatre within one hour

Description

Describes whether the patient was taken to the operation theatre within one hour of arriving to participating hospital

Source

Recorded by project officer from patient record

Type

qualitative

Values and if relevant value labels

No
Yes

---

ot_1_24

Label

Taken to the operation theatre between one and twenty four hours

Description

Describes whether the patient was taken to the operation theatre between one and twenty four hours of arriving to participating hospital

Source

Recorded by project officer from patient record

Type

qualitative

Values and if relevant value labels

No
Yes

---

pid

Label

Patient identification number

Description

Random number unique for each patient

Source

Assigned during de-identification

Type

qualitative

---

rr_1

Label

Respiratory rate, first recording

Description

The first recording of the patient's respiratory rate after arrival to participating hospital

Source

Recorded by project officer from patient record or by asking the health care staff to record and report

Type

quantitative

---

rr_2

Label

Respiratory rate, second recording

Description

The second recording of the patient's respiratory rate after arrival to participating hospital

Source

Recorded by project officer from patient record or by asking the health care staff to record and report

Type

quantitative

---

saw_1

Label

Surgical airway within one hour

Description

Describes whether the patient received a surgical airway within one hour of arriving to participating hospital

Source

Recorded by project officer from patient record

Type

qualitative

Values and if relevant value labels

Before arrival
No
Yes

saw_1_24

Label

Surgical airway between one and twenty four hours

Description

Describes whether the patient received a surgical airway between one and twenty four hours of arriving to participating hospital

Source

Recorded by project officer from patient record

Type

qualitative

Values and if relevant value labels

No
Yes

sbp_1

Label

Systolic blood pressure, first recording

Description

The first recording of the patient's systolic blood pressure after arrival to participating hospital

Source

Recorded by project officer from patient record or by asking the health care staff to record and report

Type

quantitative

sbp_2

Label

Systolic blood pressure, second recording

Description

The second recording of the patient's systolic blood pressure after arrival to participating hospital

Source

Recorded by project officer from patient record or by asking the health care staff to record and report

Type

quantitative

sbp_s

Label

Systolic blood pressure at start of surgery

Description

The patient's systolic blood pressure recorded at start of surgery

Source

Recorded by project officer from patient record

Type

quantitative

---

sc

Label

Serum creatinine

Description

The first serum creatinine recorded within 24 hours of arriving to participating hospital

Source

Recorded by project officer from patient record

Type

quantitative

---

seqn

Label

Sequential number

Description

Source

Assigned during de-identification based on the original date and time of arrival

Type

---

sex

Label

Sex

Description

Patient's sex

Source

Recorded by project officer from patient record, health care staff, or by asking the patient or any of his/her relatives

Type

qualitative

Values and if relevant value labels

Female
Male

spo2_1

Label

Blood oxygen saturation, first recording

Description

The first recording of the patient's blood oxygen saturation after arrival to participating hospital

Source

Recorded by project officer from patient record or by asking the health care staff to record and report

Type

quantitative

spo2_2

Label

Blood oxygen saturation, second recording

Description

The second recording of the patient's blood oxygen saturation after arrival to participating hospital

Source

Recorded by project officer from patient record or by asking the health care staff to record and report

Type

quantitative

spo2_o2_1

Label

Patient on supplemental oxygen when the first blood oxygen saturation was recorded

Description

Describes whether the patient received supplemental oxygen when the first blood oxygen saturation was recorded after arrival

Source

Recorded by project officer from patient record or by asking the health care staff to record and report

Type

quantitative

spo2_o2_2

Label

Patient on supplemental oxygen when the second blood oxygen saturation was recorded

Description

Describes whether the patient received supplemental oxygen when the second blood oxygen saturation was recorded after arrival

Source

Recorded by project officer from patient record or by asking the health care staff to record and report

Type

quantitative

---

ti

Label

Type of injury

Description

Describes whether the injury was blund or penetrating

Source

Recorded by project officer from patient record or by asking the health care staff

Type

qualitative

Values and if relevant value labels

Blunt
Penetrating

---

toa

Label

Time of admission

Description

The time when the patient was admitted in participating hospital in HH:MM format, rounded to closest 10 minutes

Source

Recorded by project officer from patient record

Type

time

---

toar

Label

Time of arrival

Description

The time when the patient arrived to participating hospital in HH:MM format, rounded to closest 10 minutes

Source

Recorded by project officer from patient record or by asking the patient or any of his/her relatives

Type

time

---

toct

Label

Time of computed tomography

Description

The time in HH:MM format when the computed tomography was done

Source

Recorded by project officer from patient record

Type

time

todd

Label

Time of death or discharge

Description

The time when the patient died or was discharged in HH:MM format

Source

Recorded by project officer from patient record

Type

time

toi

Label

Time of injury

Description

The time when the injury occured in HH:MM format, rounded to closest 10 minutes

Source

Recorded by project officer from patient record or by asking the patient or any of his/her relatives

Type

time

---

tom_1

Label

Time of first recording

Description

The time in HH:MM format, rounded to closest 10 minutes, when the first recording of vital signs after the patient arrived to participating hospital was done

Source

Recorded by project officer from patient record or by direct observation

Type

time

---

tom_2

Label

Time of second recording

Description

The time in HH:MM format, rounded to closest 10 minutes, when the second recording of vital signs after the patient arrived to participating hospital was done

Source

Recorded by project officer from patient record or by direct observation

Type

time

---

tos

Label

Type of surgery

Description

The type of surgery performed

Source

Recorded by project officer from patient record

Type

text

---

tran

Label

Transferred from other health facility

Description

Describes whether the patient was transferred from another health facility before being admitted to the participating hospital

Source

Recorded by project officer from patient record, health care staff, or by asking the patient or any of his/her relatives

Type

qualitative

Values and if relevant value labels

No
Yes

---

ubr_1

Label

Units of packed red blood cells transferred within one hour

Description

The number of units of packed red blood cells transferred within one hour of arriving to participating hospital

Source

Recorded by project officer from patient record

Type

quantitative

---

ubr_1_24

Label

Units of packed red blood cells transferred between one and twenty four hours

Description

The number of units of packed red blood cells transferred between one and twenty four hours of arriving to participating hospital

Source

Recorded by project officer from patient record

Type

quantitative

---

xray

Label

X-ray

Description

Describes whether the patient had an x-ray done within 24 hours of arrival to participating hospital

Source

Recorded by project officer from patient record

Type

qualitative

Values and if relevant value labels

No
Yes

xray_1

Label

X-ray injury 1

Description

Injury from X-ray report 1

Source

Recorded by project officer from patient record, physician notes or X-ray report

Type

xray_1_icd

Label

X-ray injury 1 ICD-10 code

Description

Injury from X-ray report 1 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

xray_10

Label

X-ray injury 10

Description

Injury from X-ray report 10

Source

Recorded by project officer from patient record, physician notes or X-ray report

Type

---

xray_10_icd

Label

X-ray injury 10 ICD-10 code

Description

Injury from X-ray report 10 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

xray_11

Label

X-ray injury 11

Description

Injury from X-ray report 11

Source

Recorded by project officer from patient record, physician notes or X-ray report

Type

---

xray_11_icd

Label

X-ray injury 11 ICD-10 code

Description

Injury from X-ray report 11 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

xray_2

Label

X-ray injury 2

Description

Injury from X-ray report 2

Source

Recorded by project officer from patient record, physician notes or X-ray report

Type

---

xray_2_icd

Label

X-ray injury 2 ICD-10 code

Description

Injury from X-ray report 2 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

xray_3

Label

X-ray injury 3

Description

Injury from X-ray report 3

Source

Recorded by project officer from patient record, physician notes or X-ray report

Type

---

xray_3_icd

Label

X-ray injury 3 ICD-10 code

Description

Injury from X-ray report 3 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

xray_4

Label

X-ray injury 4

Description

Injury from X-ray report 4

Source

Recorded by project officer from patient record, physician notes or X-ray report

Type

---

xray_4_icd

Label

X-ray injury 4 ICD-10 code

Description

Injury from X-ray report 4 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

xray_5

Label

X-ray injury 5

Description

Injury from X-ray report 5

Source

Recorded by project officer from patient record, physician notes or X-ray report

Type

---

xray_5_icd

Label

X-ray injury 5 ICD-10 code

Description

Injury from X-ray report 5 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

xray_6

Label

X-ray injury 6

Description

Injury from X-ray report 6

Source

Recorded by project officer from patient record, physician notes or X-ray report

Type

---

xray_6_icd

Label

X-ray injury 6 ICD-10 code

Description

Injury from X-ray report 6 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

xray_7

Label

X-ray injury 7

Description

Injury from X-ray report 7

Source

Recorded by project officer from patient record, physician notes or X-ray report

Type

---

xray_7_icd

Label

X-ray injury 7 ICD-10 code

Description

Injury from X-ray report 7 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

xray_8

Label

X-ray injury 8

Description

Injury from X-ray report 8

Source

Recorded by project officer from patient record, physician notes or X-ray report

Type

---

xray_8_icd

Label

X-ray injury 8 ICD-10 code

Description

Injury from X-ray report 8 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type

---

xray_9

Label

X-ray injury 9

Description

Injury from X-ray report 9

Source

Recorded by project officer from patient record, physician notes or X-ray report

Type

---

xray_9_icd

Label

X-ray injury 9 ICD-10 code

Description

Injury from X-ray report 9 ICD-10 code

Source

Assigned by one of three medical students after completing the World Health Organization's online training course

Type