

(THIS INFORMATION IS NOT FOR MEDICO LEGAL PURPOSES)

Inclusion and Exclusion criteria

All the injury cases (except green) coming to Trauma Care Facility, Emergency and Casualty of the hospitals will be included.

Standard Operating Procedure (SOP) of Injury Surveillance Data Capture Format

1. Class: Name of the Hospital

Definition: Name of Hospital reporting injury.

Obligation: Mandatory

Code Type: Text

2. Class: Hospital Registration No.

Definition: Registration Number of casualty/emergency(ER)/ UHID

Obligation: Mandatory

Code type: Multiple (Numeric/Character)

3. Class: IP No.

Definition: Registration Number of In-Patient department

Obligation: Optional

Code type: Multiple (Numeric/Character)

4. Class: Brought by

Definition: who brought patient in Hospital

Obligation: Mandatory

Code type: Numeric

Code choices:

1. Family Member
2. Known Person
3. Police
4. Self
5. Ambulance
77. Others (sp.)
99. Unknown

5. Class: Date of Occurrence

Definition: Date of Injury/Accident in DD/MM/YYYY

Obligation: Mandatory

Code type: Numeric

6. Class: Time of Occurrence

Definition: Time of Injury/Accident in 24 Hrs (HH: Min: Sec)

Obligation: Optional

Code type: Numeric

7. Class: Date of Registration

Definition: Date of Registration in DD/MM/YYYY

Obligation: Mandatory

Code type: Numeric

8. Class: Time of Registration

Definition: Time of Registration in 24 Hrs (HH: Min: Sec)

Obligation: Mandatory

Code type: Numeric

9. Class: Date of Discharge

Definition: Date of Discharge from hospital in DD/MM/YYYY

Obligation: Optional

Code type: Numeric

10. Class: Time of Discharge

Definition: Time of Discharge in 24 Hrs (HH: Min: Sec)

Obligation: Optional

Code type: Numeric

11. Class: Place of Incident

Definition: Complete address of the site of incident/injury including Landmark (Write NA if information is not available)

Obligation: Mandatory

Field type: Text

12. Class: Name of Injured

Definition: Name of the person injured (Write unknown if information is not available)

Obligation: Mandatory

Field type: Text

13. Class: Age of Injured

Definition: The Injured person age at the time of injury, in years, as of last birthday. (If age of injured is <1 year then indicate the age in completed months).

e.g:- if age is 10 month, indicate as

0	0
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 year

1	0
---	---

 month

Obligation: Mandatory

Code type: Numeric

Comment: Staff should estimate the age where they cannot get exact information.

14. Class: Mobile number

Definition: Mobile number of injured/attendant

Obligation: Optional

Code type: Numeric

15. Class: Aadhar number

Definition: Aadhar number of injured

Obligation: Optional

Code type: Numeric

16. Class: Sex of Injured

Obligation: Mandatory

Code type: Numeric

Code choices:

1. Male
2. Female
3. Transgender

17. Class: Education

Definition: Education level of injured

Obligation: Mandatory

Code type: Numeric

Code choices:

1. Illiterate: (Who cannot read and write in any language up to age of 7 year or more)
2. Literate: (Without Education level: Who can read and write with understanding in any language at age 7 year or above and not attended the school)
3. Below Primary: (Early education for young children from Nursery to Kindergarten, Anganwadi, Balwadi centres, Play school)
4. Primary: (Education from first class to fifth class)
5. Middle/Lower Secondary: (Education from sixth class to eight class)
6. Matriculation / Junior School Certificate / Secondary: (Education from class ninth to tenth class)
7. Higher Secondary / intermediate /Pre-University /Senior Secondary: (Education from eleventh class to twelfth class)
8. Non- Technical Diploma /Certificate not equal to Degree
9. Graduate & PG (Education having graduate and above)
10. Not Applicable (children <7 year who has not attended the school)

77. Others (specify)

99. Not Known

18. Class: Occupation

Definition: Occupation of injured

Obligation: Mandatory

Code type: Numeric

Code choices:

1. Professional: Person having prolonged training and a formal education. e.g. Doctor, Advocate, Engineer
2. Semi Professional: People who are semi-professional are paid for an activity but not relying entirely on it. e.g.:- social work, journalism, librarian, teacher, musician.
3. Clerical/Shop owner/Farmer:
4. Skilled worker: Person with specialized training or a learned skill-set to perform the work. e.g.:- tailor, carpenter, teacher, customer service representative
5. Semi-skilled worker: Person having or needing some, but not extensive training. e.g.:- retail sales person, security guard, driver, and waiter.
6. Unskilled worker: who does not require having special training or skills. Hotel maids, general cleaners, sweepers, construction labourer
7. Unemployed: Person who is not employed.
8. Not Applicable
77. Others (specify)
99. Unknown

19. Class: Marital Status

Definition: Marital status of injured

Obligation: Mandatory

Code type: Numeric

Code choices:

1. Never married: Any person who is not married.
2. Currently married: Any person who has been married.
3. Widow/Widower: Any person whose husband/wife has expired.
4. Divorced: Legally divorced /dissolves one marriage.
5. Separated: Any person living separately but remaining legally married.
6. Not applicable
99. Unknown

20. Class: Area of residence

Definition: Type of area of residence of injured.

Obligation: Mandatory

Code type: Numeric

Code choices:

1. Urban: Any area with human settlement with high population density and infrastructure of built environment. For E.g. City, town, etc.
2. Rural: Any area with low density population also known as village, located outside town and city.
3. Urban slum: A heavily populated urban informal settlement area by substandard housing.
99. Unknown

21. Class: Address for correspondence / Ph. No

Definition: Complete address of injured for correspondence with Landmark, Pin code, Phone No.

Obligation: Mandatory

Field type: Text and Numeric

22. Class: Place of Injury

Definition: Type of place where injury event occurred.

Obligation: Mandatory

Code type: Numeric

Code choices:

1. Road
2. Home
3. Work Place
4. School/Institution/Education Area
5. Railway line
6. Farm/Place of Primary Production
7. Sports/Athletic Area
8. River/Lake/Sea/Water body
77. Others (Specify)
99. Unknown

23. Class: How are you injured

Definition: How the injury was inflicted, i.e. how the person was hurt. If more than one mechanism, record the one that precipitated the injury.

Obligation: Mandatory

Code type: Numeric

Code choices:

1. Road Traffic injury
2. Fall
3. Assault/quarrel
4. Stab/cut
5. Firearm
6. Burns
7. Poisoning
8. Drowning
9. Hanging
10. Choking
11. Sport
12. Animal bites
13. Fall of objects

77. Others (Specify)

99. Unknown

24. Class: Activity at the Time of injury

Definition: What was the injured person doing at the time of injury?

Obligation: Mandatory

Code type: Numeric

Code choices:

1. Travelling
2. Walking
3. Standing on roadside
4. Working at office
5. Going/Coming from school
6. Working at home
7. Playing
77. Others (Specify)
99. Unknown

25. Class: Object used

Definition: object that inflicted the injury.

Obligation: Mandatory

Code type: Numeric

Code choices:

1. Knife /cutting tool
2. Firearm /Gun
3. Fire
4. Stick / blunt object
5. None
77. Others (Specify)
99. Unknown

26. Class: Intent

Definition: Role of human intent in the occurrence of injury incident.

Obligation: Mandatory

Code type: Numeric

Code choices:

1. Unintentional (accidental)
2. Self-Harm (suicide, attempted suicide)
3. Intentional /assault (interpersonal violence)
77. Others (Specify)
99. Unknown

27. Class: Alcohol Consumption by (By History or by physician's assessment)

Definition: Suspicion or evidence of alcohol use before the injury event, by the injured person or others directly involved in the incident.

Obligation: Mandatory only for the driver of the vehicle

Code type: Numeric

Code choices:

1. Yes
2. No
99. Unknown

28. Class: Alleged Psychoactive Substance Use/ Abuse

Definition: Suspicion or evidence of use of a psychoactive substance, legal or illegal (e.g. Marijuana, heroin, cocaine, benzo-diazepam) before the injury event, by the injured person or others directly involved in the incident

Obligation: Mandatory

Code type: Numeric

Code choices:

1. Yes
2. No
99. Unknown

29. Class: Place of occurrence

Definition: Type of place where the injury event occurred.

Obligation: Optional

Code type: Numeric

Code choices:

1. City / Municipal roads : Associated with or belonging to a city or town
2. Highway : A main road, especially connecting major town/city
3. Inner roads: Street road in city/road inside a campus or colony
4. Rural Roads: Road inside a village area.
77. Others (Specify)
99. Unknown

30. Class: Road User Category

Definition: role of the injured person or vehicle involved in the accident on the road.

Obligation: Optional

Code type: Numeric

Code choices:

1. Pedestrian: A person walking rather than travelling
2. Pedal cyclist: A person who rides a pedal cycle, as opposed to a motor cycle.
3. Two wheeler rider: A person who is operating the vehicle with two wheels. E.g. Motor cycle, bike
4. Two wheeler pillion: A person who is an occupant of a two wheeler other than the driver or operator.

5. Three wheeler driver: A person who is operating a vehicle with three wheels. E.g. Auto rickshaw, battery rickshaw.
6. Three wheeler occupant: A person who is occupant of a vehicle with three wheels.
7. Car driver: A person who operates a vehicle with four wheels, powered by internal combustion engine and able to carry small number of passengers.
8. Car occupant: A person who is travelling in a vehicle with four wheels.
9. Bus/Truck driver: A person who operates a large motor vehicle carrying passengers or load by road.
10. Bus/Truck occupant: A person who is travelling in a large motor vehicle.
11. Other 4 wheeler driver (maxi cab, tempo, etc.)
12. Other 4 wheeler occupant
13. Bullock Cart: This is a two-wheeled or four wheeled vehicle pulled by oxen.
14. Tricycle: A vehicle similar to a bicycle, but having three wheels, two at the back and one at front.
77. Others (Specify)
99. Unknown

31. Class: Type of Collision

Obligation: Optional

Code type: Numeric

Code choices:

1. Hit pedestrian: Harm or distress to one walking on road.
2. Head on Collision: A traffic collision where the front ends of two vehicles, hit each on opposite direction.
3. Hit from the Back (rear end collision)
4. Hit from the side (side angle collision)
5. Overtake
6. Hit a fixed object
7. Run off road: Vehicle goes out of the road and collides.
77. Others (Specify)
99. Unknown

32. Class: If two-wheeler rider/ Pillion , use of helmet

Obligation: Optional

Code type: Numeric

Code choices:

1. Yes
2. No
3. Not Applicable
99. Unknown

33. Class: If car driver / car occupant /Other Four wheeler driver, use of seat belt

Obligation: Optional

Code type: Numeric

Code choices:

1. Yes
2. No
3. Not applicable
99. Unknown

34. Class: First Aid given before reaching the hospital

Obligation: Mandatory

Code type: Numeric

Code choices:

1. Yes
2. No
99. Unknown

a. Class: If 34 is Yes, than where was first Aid given

Obligation: Optional

Code type: Numeric

Code choices:

1. At incident site
2. Nearby govt. Hospital
3. Nearby pvt. Hospital /clinic
4. Ambulance
5. Not Applicable
77. Others, specify
99. Unknown

b. Class: If 34 is Yes, who gave the first Aid

Obligation: Optional

Code type: Numeric

Code choices:

1. Health worker
2. Doctor
3. Nurse
4. Police
5. Public
6. Family member
77. Others, specify
99. Unknown

35. Class: Any other hospital / Health facilities visited before attending the registering hospital

Obligation: Mandatory

Code type: Numeric

If yes for Question No. 35 than answer

35a. Class: Number of other hospital / Health facilities visited

Obligation: Optional

35b. Class : If yes, what was the time in reaching the first health facility (Hrs:Min) (24 hrs clock)

Obligation: Optional

Code type: Numeric

36. Class: Source of Referral

Obligation: Mandatory

Code type: Numeric

Code choices:

1. General practitioner
2. PHC
3. Dist. Hospital
4. Other Govt. Hospital
5. Pvt. Hospital / nursing home
6. On their own (Came from any health facility without any referral)
77. Others (specify)
99. Unknown

37. Class: Mode of Transportation

Definition: Vehicle used to transport the patient

Obligation: Mandatory

Code type: Numeric

Code choices:

1. Pvt. Ambulance
2. 108
3. 102
4. CATS
5. Other Govt. Ambulance
6. Police van / Govt. Vehicle
7. Private vehicle or Taxi
8. Auto rickshaw (3 wheeler)
9. Good Samaritan
77. Other, specify
99. Unknown

38. Class: Status of the injured at the time of first assessment

Obligation: Mandatory

Code type: Numeric

Code choices:

1. Unconscious: insensible; incapable of responding to sensory stimuli and of having subjective experiences. Not oriented to time, place and person.
2. Altered sensorium: Not completely oriented to time, place and person.
3. Conscious: a state of alertness or awareness characterized by response to external stimuli. Oriented to time , place and person
4. Brought dead

99. Unknown

39. Class: Severity of injury (according to WHO classification)

Definition: assessment of the degree of severity.

Obligation: Mandatory

Code type: Numeric

Code choices:

1. Minor or superficial (e.g. bruises, minor cuts)
2. Moderate, requiring some skilled treatment (e.g. fracture, sutures)
3. Severe, requiring intensive medical/surgical management (e.g. internal haemorrhage, punctured organs, severed vessels)

99. Unknown

40. Class: If head injury than GCS (Glasgow Coma Scale)

A. Eye Opening Response
1. Spontaneous--open with blinking at baseline 4 points
2. To verbal stimuli, command, speech 3 points
3. To pain only (not applied to face) 2 points
4. No response 1 point
B. Verbal Response
1. Oriented 5 points
2. Confused conversation, but able to answer questions 4 points
3. Inappropriate words 3 points
4. Incomprehensible speech 2 points
5. No response 1 point
C. Motor Response
1. Obeys commands for movement 6 points
2. Purposeful movement to painful stimulus 5 points
3. Withdraws in response to pain 4 points
4. Flexion in response to pain (decorticate posturing) 3 points
5. Extension response in response to pain (decerebrate posturing) 2 points
6. No response 1 point

Total GCS= A+B+C

Obligation: Optional

Code type: Numeric

41. Class: Part of body injured

Obligation: Mandatory

Code type: Numeric

Code choices:

1. Head
2. Face
3. Eyes

4. ENT

5. Neck

6. Chest

7. Abdomen including Pelvis

8. Perineum and Genitalia

9. Upper limbs

10. Lower limbs

11. Spine

12. Shoulder

77. Other (specify)

42. Class: Nature of injury

Definition: The physical nature of injury, real or suspected, which brought the person to agency.

Obligation: Mandatory

Code type: Numeric

Code choices:

1. Fracture
2. Soft tissue injury
3. Traumatic Amputation
4. Sprain
5. Cut or open wound
6. Sharp / penetrating cut
7. Haematomas
8. Burn (% Burn)
9. Organ system injury
77. Other (specify)
99. Unknown

43. Class: Treatment

Definition: action taken

Obligation: Mandatory

Code type: Numeric

Code choices:

1. Treated in emergency room and sent home
2. Treated in emergency room and referred to another hospital
3. Admitted for definitive care
4. Under observation
77. Others (specify)

44. Class: Investigation

Definition: Type of investigation done

Obligation: Optional

Code type: Numeric

Code choices:

1. Radiograph (X-ray)
2. USG
3. CT
4. MRI
5. Haematological
6. ECG

- 7. Urine
- 8. Blood Glucose
- 77. Others (specify)

45. Class: Final Diagnosis

Obligation: Mandatory
Field type: Character

46. Class: ICD 10 classification

Obligation: Conditional
Condition: wherever ICD-10 coding is routinely performed, please fill the details.
Code type: Character

47. Class: Outcome at the time of discharge

Obligation: Mandatory

Code type: Numeric

Code choices:

1. Recovered
2. Improving
3. Residual disability
4. Referred to another facility
5. Leave Against Medical Advice (LAMA)
6. Dead
77. Others (Specify)

48. Class: Important Findings / Remarks if any

Obligation: Optional

Field type: Text and Numeric

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