



# Accident and Incident Reporting: Burden or Essential Learning Tool?



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# Accident and Incident Reporting: Burden or Essential Learning Tool?

Accident reporting and Incident reporting  
is more than statistics

# Accident and Incident Reporting: Burden or Essential Learning Tool?

## HALO Medical Board Membership

- Anaesthetics
- Ear, Nose and Throat
- Emergency Medicine
- GPs
- Infectious Diseases
- Midwives
- Nurses
- Occupational Health
- Paramedics
- Physicians
- Surgeons

# Accident and Incident Reporting: Burden or Essential Learning Tool?

Evidence and research informing practice

# Accident and Incident Reporting: Burden or Essential Learning Tool?

## Research/Best Practice

- CRASH2 Study
- Fluid Regimes
- Oxygen Therapy (or not)

Protocols

Equipment

Training

# Accident and Incident Reporting: Burden or Essential Learning Tool?

## Accident Investigation

### Analysis of Accident Medical Reports

- Prehospital Care
  - Performance of HALO Paramedics,
  - Evacuation Procedures,
- Hospital Care/Rehabilitation

### Assessment

- In country
- In UK
- External Peer Review

# Accident and Incident Reporting: Burden or Essential Learning Tool?

Data quality variable

- Mine accidents

- Other accidents

High quality data will influence change

Whole sector data

Evidence based decision making

# Accident and Incident Reporting: Burden or Essential Learning Tool?

What should be recorded?

How should it be recorded?

- Record more initially and reduce in the future

Comparative data

- Within and between organisations

Fatalities, Serious Injuries, Near Misses



# Accident and Incident Reporting: Burden or Essential Learning Tool?

HALO currently records and investigates all cause  
Morbidity/Mortality

*Would this accident have happened in the absence  
of mineclearance?*



# Accident and Incident Reporting: Burden or Essential Learning Tool?

Defining Significant Injuries

Health and Safety Executive

Reporting of Injuries, Diseases and Dangerous  
Occurrences Regulations

Death

Major Injury

7 day Injury

Injury to the public

# Accident and Incident Reporting: Burden or Essential Learning Tool?

Classification of injuries

International Statistical Classification of Diseases and  
Related Health Problems 10th Revision 2016 (ICD10)

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## Chapter XIX

Injuries, Poisoning and certain other consequences

S00-100

T00-100

## Chapter XX

External causes of morbidity and Mortality

V01 X59 Accidents

Y35-36 Legal Interventions and Operation of war

- Y36.8 Injuries by explosion of bombs or mines ... after cessation of hostilities

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## DATA SHARING

Rolling five year accident rates

Injury rate per thousand demining days

Requirements/Agreements/Aspirations

No Blame Culture

Openness

Honesty

Transparency



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## Useful Links

Halo Medical Board

<https://www.halotrust.org/about-us/governance/medical-governance/>

ICD 10

<https://www.who.int/classifications/icd/icdonlineversions/en/>

Health and Safety Executive

<https://www.hse.gov.uk/>

Accident reporting

<https://www.hse.gov.uk/riddor/>



## ICD-10 Version:2016

Search

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ICD-10

Versions - Languages

Info

- ▶ XV Pregnancy, childbirth and the puerperium
- ▶ XVI Certain conditions originating in the perinatal period
- ▶ XVII Congenital malformations, deformations and chromosomal abnormalities
- ▶ XVIII Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified
- ▼ XIX Injury, poisoning and certain other consequences of external causes
  - ▶ S00-S09 Injuries to the head
  - ▶ S10-S19 Injuries to the neck
  - ▶ S20-S29 Injuries to the thorax
  - ▶ S30-S39 Injuries to the abdomen, lower back, lumbar spine and pelvis
  - ▶ S40-S49 Injuries to the shoulder and upper arm
  - ▶ S50-S59 Injuries to the elbow and forearm
  - ▶ S60-S69 Injuries to the wrist and hand
  - ▶ S70-S79 Injuries to the hip and thigh
  - ▶ S80-S89 Injuries to the knee and lower leg
  - ▶ S90-S99 Injuries to the ankle and foot
  - ▶ T00-T07 Injuries involving multiple body regions
  - ▶ T08-T14 Injuries to unspecified part of trunk, limb or body region
  - ▶ T15-T19 Effects of foreign body entering through natural orifice
  - ▶ T20-T32 Burns and corrosions
  - ▶ T33-T35 Frostbite
  - ▶ T36-T50 Poisoning by drugs, medicaments and biological substances
  - ▶ T51-T65 Toxic effects of substances chiefly nonmedicinal as to source

### Injuries to the shoulder and upper arm (S40-S49)

**Incl.:** injuries of:

- axilla
- scapular region

**Excl.:** bilateral involvement of shoulder and upper arm ([T00-T07](#))  
burns and corrosions ([T20-T32](#))  
frostbite ([T33-T35](#))  
injuries of:

- arm, level unspecified ([T10-T11](#))
- elbow ([S50-S59](#))

insect bite or sting, venomous ([T63.4](#))

#### **S40** Superficial injury of shoulder and upper arm

**S40.0** Contusion of shoulder and upper arm

**S40.7** Multiple superficial injuries of shoulder and upper arm

**S40.8** Other superficial injuries of shoulder and upper arm

**S40.9** Superficial injury of shoulder and upper arm, unspecified

#### **S41** Open wound of shoulder and upper arm

**Excl.:** traumatic amputation of shoulder and upper arm ([S48.-](#))

**S41.0** Open wound of shoulder

**S41.1** Open wound of upper arm

**S41.7** Multiple open wounds of shoulder and upper arm

**S41.8** Open wound of other and unspecified parts of shoulder girdle



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**Chapter 19 Injury, poisoning and certain other consequences of external causes. (S00-S100 & T00-T98)**

- S000-009 Injuries to the head
- S10-19 Injuries to the neck
- S20-29 Injuries to the thorax
- S30-39 Injuries to the abdomen, lower back, lumbar spine and pelvis
- S40-49 Injuries to the shoulder and upper arm

- Accident and Incident Reporting:  
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- **S40-S49** Injuries to the shoulder and upper arm

- **S40** Superficial injury of shoulder and upper arm

- **S40.0** Contusion of shoulder and upper arm

- **S40.7** Multiple superficial injuries of shoulder and upper arm

- **S40.8** Other superficial injuries of shoulder and upper arm

- **S40.9** Superficial injury of shoulder and upper arm, unspecified

# Accident and Incident Reporting: Burden or Essential Learning Tool?

- Event: Primary table holding all the details of the event, as well as any attached documents and notes.
- Casualty: Related records of casualties of each event, including medical and casevac details, as well as insurance claim information for each casualty.
- Injury: Categorized information about the injuries of each casualty to allow analysis (not used for incidents).
- Cause: Immediate, underlying and root causes indentified during investigation.
- Follow-Up Action: Recommendations to address each identified cause, including details of individual responsible for action and deadline.
- Safeguarding: Additional information relating to safeguarding incidents which meet the Serious Incident Report threshold and which require confidentiality in record keeping.
- External Reporting Log: Log of which donors, authorities and official bodies have been notified of an event and when.

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## HALO Trust Accident Report Data Fields

- Event Record ID                      Event Reference ID
- Programme - Event Description - Location - Time - Date
- Number of Casualties
- Number of Fatalities
- Event Status - Closed Date - Closed By

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- Accident
- Near Miss
- Incident

# Accident and Incident Reporting: Burden or Essential Learning Tool?

- Explosive Ordnance Clearance Process (includes any activity on a clearance site, including during break times, except for missed items, handling, tampering or GPR miss calls
  - Missed Item
  - Handling (authorized)
  - Transportation / Storage
  - Handling (unauthorized)
  - Tampering
  - GPR Miscall
  - Off-site (outside known hazard)

# Accident and Incident Reporting: Burden or Essential Learning Tool?

- Security
  - Deliberate armed attack on HALO site, property, personnel or convoy
  - Armed attack - Misidentification (e.g. HALO convoy mistaken for military convoy)
  - Armed attack - Collateral (e.g. HALO in proximity to intended target)
  - Violent Robbery
  - Abduction / Kidnap
  - Violence arising from strike / labour dispute
  - Civil Unrest
  - Threats of violence against HALO / employees

# Accident and Incident Reporting: Burden or Essential Learning Tool?

- Casualty
  - Name, Age, Insurance, Gender,
  - Status International, National, Contractor, Third Party
  - Job title
  - Severity - Fatal, Severe, Major, Minor, Slight
  - Status - Deceased, Hospital, Sickbay, Home, At work (same or new role)
  - Long term support
  - Left HALO



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- Casevac Process
  - A
  - B
  - C
  - D
  - E
- Casevac Rating
  - Good
  - Satisfactory
  - Poor

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