

The UK Burden of Injury Study

Submission date

23/04/2010

Recruitment status

No longer recruiting

☐ Prospectively registered

☒ Protocol

Registration date

10/06/2010

Overall study status

Completed

☐ Statistical analysis plan

☒ Results

Last Edited

28/08/2018

Condition category

Injury, Occupational Diseases, Poisoning

☐ Individual participant data

Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

Contact name

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Additional identifiers

Protocol serial number

2402

Study information

Scientific Title

A prospective study aiming to measure the population burden of injuries in the United Kingdom

Study objectives

The UK Burden of Injuries Study is a prospective study which aims to measure the population burden of injuries in the UK. It is a mixed methods study with quantitative and qualitative

components. Participants are recruited from injured people attending emergency departments or who have been admitted to hospital with injuries. Participants complete quality of life, health service utilisation and work limitation questionnaires at baseline, 1, 4 and 12 months post injury or until they have completely recovered. Study specific data on patterns of recovery by injury type are combined with population estimates of injury from computerised inpatient, emergency department and mortality data and extrapolated to estimate the UK Burden of Injuries, primarily utilising the Disability Adjusted Life Years (DALYs) approach.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Dyfed Powys Local Research Ethics Committee approved on the 24th May 2005 (ref: 05/WMW01/23)

Study design

Non-randomised observational cohort study

Primary study design

Observational

Study type(s)

Screening

Health condition(s) or problem(s) studied

Topic: Injuries and Accidents; Subtopic: Injuries and Accidents (all Subtopics); Disease: Injuries & Accidents

Interventions

The UKBOI Study was an observational study which combined prospectively collected data from an injured cohort with national and local mortality, inpatient and emergency department statistics and databases to estimate the UK burden of injuries. A total of 1517 injured individuals were recruited and followed up until recovery or to 1 year. Data were collected at baseline, 1, 4 and 12 months of follow up.

Follow up length: 12 months

Study entry: registration only

Intervention Type

Other

Phase

Not Applicable

Primary outcome(s)

Change in health related quality of life from baseline (estimate of pre-injury status), measured using the EQ5D. Outcomes were measured at 1,4 and 12 months.

Key secondary outcome(s))

No secondary outcome measures

Completion date

20/11/2007

Eligibility

Key inclusion criteria

1. Patients with an injury diagnosis identified in Emergency Departments
2. Male and female, lower age limit of 5 years

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Other

Sex

All

Key exclusion criteria

Aged less than 5 years

Date of first enrolment

01/09/2005

Date of final enrolment

20/11/2007

Locations

Countries of recruitment

United Kingdom

Wales

Study participating centre

School of Medicine

Swansea

United Kingdom

SA2 8PP

Sponsor information

Organisation

Department of Health (UK)

ROR

<https://ror.org/03sbpja79>

Funder(s)

Funder type

Government

Funder Name

Department of Health (UK)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Not provided at time of registration

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Results article	results	01/12/2011		Yes	No
Results article	results	01/02/2012		Yes	No
Protocol article	protocol	08/11/2007		Yes	No
Participant information sheet	Participant information sheet	11/11/2025	11/11/2025	No	Yes