
Peer reviewed version

Link to published version (if available):

Link to publication record in Explore Bristol Research

PDF-document

This is the author accepted manuscript (AAM). The final published version (version of record) is available online via SBJS at https://online.boneandjoint.org.uk/doi/full/10.1302/0301-620X.101B1.BJJ-2018-0601.R2. Please refer to any applicable terms of use of the publisher.

University of Bristol - Explore Bristol Research

General rights

This document is made available in accordance with publisher policies. Please cite only the published version using the reference above. Full terms of use are available: http://www.bristol.ac.uk/red/research-policy/pure/user-guides/ebr-terms/
Figure 1: Patient inclusions/exclusions into the study

Sample from 01/01/2011 to 31/12/2014
n = 258,891

Fracture Type (Not Intertrochanteric #)
 n = 169,253
Operation Type (Not SHS | L.Nail | S.Nail)
 n = 144,534
Exit
 n = 172,372

Intertrochanteric # & SHS | L.Nail | S.Nail
 n = 86,519

Time to surgery missing
 n = 52
Length of stay missing
 n = 419
Time to surgery < 0 hours
 n = 70
Time to surgery > 30 days
 n = 17
Length of stay < 0 hours
 n = 30
Discharge destination missing
 n = 846
Life status missing
 n = 0
Exit
 n = 999

Sample with non-missing time information & plausible time data
 n = 85,520

Age at event less than 60 years
 n = 2,442
Implausible age >120 years
 n = 1
Age at event missing
 n = 55
Admitted from place missing
 n = 35
Sex missing
 n = 2
Exit
 n = 2,530

Inclusion / Exclusion criteria applied
 n = 82,990

ASA missing
 n = 4,039
Pre-op AMTS missing
 n = 13,378
Pathology type missing
 n = 3,888
Pre-op mobility v7 missing
 n = 1,677
Pre-op mobility v8 missing
 n = 307
Exit
 n = 19,958

Peri-operative covariates
 n = 63,032

Specialist falls assessment missing
 n = 311
MDT assessment missing
 n = 1,274
Exit
 n = 1,403

Non-surgical Intervention covariates
 n = 61,629

Type of Anaesthesia
 n = 6,463
Exit
 n = 6,463

Socioeconomic covariates
 n = 55,166

LSOA
 n = 2,685
Exit
 n = 2,685

n = 52,481

# = fracture; SHS = sliding hip screw; L.Nail = long intramedullary nail; S.Nail = short intramedullary nail; ASA = American Society of Anesthesiologists grade; Pre-op = pre-operative; AMTS = Abbreviated Mental Test Score; MDT = multi-disciplinary team; LSOA = lower layer super output area