

13th Core Investigators' Meeting was held on Wednesday 11th January 2023

Next Core Investigators' Meeting will be held on Wednesday 29th March 2023

Toolkit launch



The REDUCE Study hip fracture service implementation toolkit, hosted by the Royal Osteoporosis Society, was launched on Monday 6th March 2023.

REDUCE hip fracture toolkit

Evidence-based tools and resources to aid effective hip fracture care



It can be viewed at [Hip fracture toolkit | ROS \(theros.org.uk\)](https://www.theros.org.uk).

The free toolkit will support hospital teams to identify and overcome organisational barriers to implementing high quality fracture services for patients.

The tools included support effective clinical governance, multidisciplinary team working, establishment of effective clinical pathways, recruitment, service design, business case creation, and induction of junior medical staff. The toolkit webpage features headings which map to these areas and can be expanded to show an explanation of the importance of this aspect of service provision, followed by a list of downloadable documents to support its improvement.

REDUCE hip fracture service implementation toolkit

The hip fracture service implementation toolkit is freely available to all healthcare professionals and service managers to support the quality improvement of fracture service provision within acute hospital settings across the UK.

Clinical governance and multi-disciplinary team (MDT) working	+
Hip fracture pathway checklists	+
Multidisciplinary team roles and structure	-

Point and purpose:

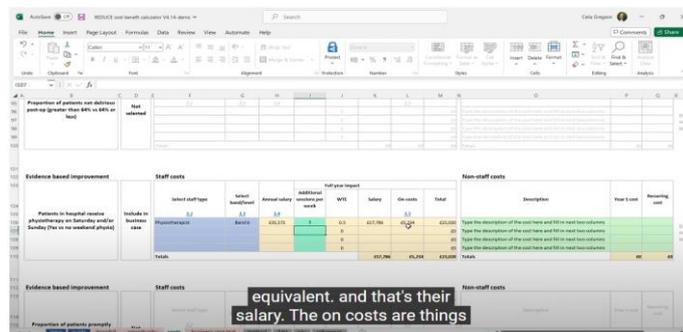
The care of older patients with fragility fractures requires expertise from a wide number of different health professionals. The typical multidisciplinary team structure for a hip fracture unit is shown in an **organogram**. Whilst some of these roles are well recognised, others are specific to fragility fracture care

Screenshot of toolkit webpage showing expandable headings

Reducing unwarranted variation in the Delivery of high qUality hip fraCture services in England and Wales

Cost Benefit Calculator

One of the toolkit tools is the Cost Benefit Calculator, an interactive spreadsheet designed to support clinicians and managers to create a business case for investment in evidence-based service improvements to support better patient outcomes. The calculator allows the user to see their hospital's performance with respect to thirteen organisational factors associated with greater efficiency or improved patient care and choose which of these they want to invest in. The output is a report summarising the benefits and costs of the chosen service improvements.



Still from video walk through of Cost Benefit Calculator

Publication update

WP1 – Quantitative analysis and health economics

- “Patients’ recovery of mobility and return to original residence after hip fracture are associated with multiple modifiable components of hospital service organisation: the REDUCE record-linkage cohort study in England and Wales”
- “Multiple organisational factors predict hospital costs and mortality in the year following hip fracture in England and Wales: the REDUCE record-linkage cohort study”

WP2 – Qualitative analysis

- “Multiple organisational factors influence multidisciplinary care of patients with hip fractures: A Qualitative Study of barriers and facilitators to service delivery”
- “A model of multidisciplinary teamwork in hip fracture care: a qualitative interview study”

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