

# NATIONAL INSTITUTE FOR HEALTH AND CARE EXCELLENCE

## Scope for update (starting 2022)

### Hip fracture: management (update)

May 2022: This scope has been amended. Following an exceptional surveillance review, a draft review question has been added on total hip replacement versus hemiarthroplasty.

NICE is updating the guideline on the [management of hip fracture](#). The guideline was originally published in June, 2011 and last updated May 2017. It was developed as set out in the [scope](#). This update of the scope sets out the area(s) of the guideline that will be reviewed in 2022.

New evidence and topic expert advice indicate that the recommendations on total hip replacement or hemiarthroplasties, and on femoral component designs for hemiarthroplasties may be affected. Full details are set out in the [2019 surveillance review decision](#) and the [2022 exceptional surveillance review](#).

The update will be developed using the methods and processes in [developing NICE guidelines: the manual](#).

## 1 Who the scope update covers

The scope update covers:

- Adults presenting to the health service with a firm or provisional clinical diagnosis of fragility fracture of the hip.
- Adults with displaced intracapsular hip fracture.

The scope update will not change the groups covered by the original guideline, but it will specify which of the original groups are included in the update.

The update does not cover:

- Adults with the following types of hip fracture:
  - undisplaced intracapsular
  - extracapsular (trochanteric and subtrochanteric).

### ***Equality considerations***

The [equality impact assessment](#) for the original guideline lists equality issues identified and how they have been addressed, and explains why any populations were excluded from the scope. Age and disability were previously identified as issues. No additions were made to this equality impact assessment that are specific to this update.

## **2 Activities, services or aspects of care covered by the update**

We will look at evidence in the areas below when developing this update. We will consider making new recommendations or updating existing recommendations in these areas only.

- 1 Surgical procedures
  - Total hip replacement or hemiarthroplasty for intracapsular hip fracture
  - Femoral component designs for hemiarthroplasties

For all other sections of the guideline, there will be no evidence review and we will retain the existing recommendations.

## **3 Draft review question**

We have identified the following draft question:

- 1 Surgical procedures
  - 1.1 In adults undergoing surgery for displaced intracapsular hip fracture what is the clinical and cost effectiveness of total hip replacement compared with hemiarthroplasty?

1.2 In adults undergoing surgery for displaced intracapsular hip fracture what is the most effective and cost effective femoral component design used for hemiarthroplasty?

## 4 Economic aspects

We will take economic aspects into account when making recommendations. We will review the economic evidence and carry out economic analyses, using an NHS and personal social services (PSS) perspective, if appropriate.

## 5 Draft PICO tables for the review questions

1.1 In adults undergoing surgery for displaced intracapsular hip fracture what is the clinical and cost effectiveness of total hip replacement compared with hemiarthroplasty?

Population	Adults with displaced intracapsular hip fracture
Intervention	Total hip replacement
Comparison	Hemiarthroplasty
Outcomes	<p>Those defined by the core outcome set:</p> <ul style="list-style-type: none"> <li>• Mortality (short and longer term)</li> <li>• Pain</li> <li>• Functional status</li> <li>• Quality of life</li> </ul> <p>Others:</p> <ul style="list-style-type: none"> <li>• Periprosthetic fracture</li> <li>• Unplanned return to theatre (including number of reoperations or surgical revisions)</li> <li>• Surgical site infection</li> <li>• Length of stay</li> <li>• Place of residence after hip fracture</li> <li>• Adverse events</li> </ul>

1.2 In adults undergoing surgery for displaced intracapsular hip fracture what is the most effective and cost effective femoral component design used for hemiarthroplasty?

Population	Adults with displaced intracapsular hip fracture
Intervention	Femoral component designs used for hemiarthroplasties
Comparison	Other femoral component designs
Outcomes	<p>Those defined by the core outcome set:</p> <ul style="list-style-type: none"> <li>• Mortality (short and longer term)</li> <li>• Pain</li> <li>• Functional status</li> <li>• Quality of life</li> </ul> <p>Others:</p> <ul style="list-style-type: none"> <li>• Periprosthetic fracture</li> <li>• Unplanned return to theatre (including number of reoperations or surgical revisions)</li> <li>• Surgical site infection</li> <li>• Length of stay</li> <li>• Place of residence after hip fracture</li> <li>• Adverse events</li> </ul>

## 6 NICE quality standards

NICE quality standards that may need to be revised or updated when this guideline is published:

- Hip fracture in adults (2012) NICE quality standard 16.

## 7 Further information

NICE guidelines cover health and care in England. Decisions on how they apply in other UK countries are made by ministers in the [Welsh Government](#), [Scottish Government](#) and [Northern Ireland Executive](#).

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