



## National Falls & Fragility Fracture Audit Programme

<b>Understanding Practice in Clinical Audit and Registries (UPCARE): Programme name</b>	National Falls & Fragility Fracture Audit Programme
<b>Workstream name (if applicable)</b>	National Hip Fracture Database
<b>Contract status</b>	Ongoing
<b>Audit or non-audit</b>	Audit
<b>HQIP commissioned</b>	Yes
<b>HQIP AD</b>	PS
<b>HQIP PM</b>	SB
<b>Included in current NHS Quality Accounts</b>	Yes
<b>1.10 Geographical coverage - HQIP agreement</b>	England; Wales
<b>1.11 Geographical coverage - External agreement</b>	Northern Ireland; Isle of Man; Guernsey
<b>1.3 Healthcare setting</b>	NHS secondary care
<b>1.4 Inclusion and exclusion criteria</b>	Includes: patients aged 60 years or over admitted to any eligible NHS hospital in England or Wales with a hip fracture.  There is also a direct arrangement between RCP and Northern Ireland which does not go through HQIP who only commission NCAPOP in England and Wales: four hospitals in Northern Ireland also contribute to data collection and are included in NHFD reporting.
<b>1.5 Methods of data submission</b>	Online e.g. webtool or portal
<b>1.7 Data flow diagram</b>	<a href="https://www.rcplondon.ac.uk/projects/outputs/fffap-data-processing-statements">https://www.rcplondon.ac.uk/projects/outputs/fffap-data-processing-statements</a>
<b>1.8 Data quality &amp; analysis plan</b>	The audit is completed by clinical teams using the online webtool.  Crown Informatics complete internal data value and range checks, date/time

checks and dataset logic checks. The webtool validates data at the point of entry by rejecting invalid responses. Data are reviewed by Crown post extract for validity and dataset consistency.

Confounding factors are used to adjust for patient case-mix in the mortality outlier analysis by Oxford NDORMS and they are: ASA grade, age, source of admission (own home/not own home), gender, mobility (freely mobile outdoors, mobile outdoors with 1 aid or 2 aids or frame, some indoor or no functional mobility), fracture type (intracapsular, extracapsular, including others). These are the confounding factors used for the risk adjustment for mortality funnel plots.

**1.9 Outlier policy** <https://www.rcplondon.ac.uk/file/12301/download>

**2.1 Outcome measures**

- length of stay (acute and overall hospital LOS)
- final discharge destination
- discharge to original residence within 120 days
- hip fractures which were sustained as an inpatient
- pressure ulcer incidence
- rate of re-operation within 120 days
- 120 day follow up completion
- crude and adjusted 30 day mortality rate

**2.2 Process measures**

- nutritional risk assessment on admission
- bone protection medication plan after fracture
- specialist falls assessment
- ASA grading
- delirium assessment
- time to orthogeriatrician assessment
- monitoring contact at 120 day follow up

**2.3 Organisational measures**

- service networks and patient transfers
- ability to provide orthogeriatrician reviews
- surgical capability and workforce
- theatre list timetabling and processes of surgical availability
- local/regional MDT meeting provision
- reasons for delay to surgery >36hours
- surgical kit availability

## NHFD annual report distribution and use

<b>2.4 Patient reported outcome measures</b>	not currently collected
<b>2.5 Patient reported experience measures</b>	not currently collected
<b>2.6a Do measures align with any of the following sources of evidence (select all that apply)</b>	NICE clinical guideline; NICE quality standard
<b>2.6b Evidence supplemental information</b>	<a href="https://www.nice.org.uk/Guidance/CG124">https://www.nice.org.uk/Guidance/CG124</a>
<b>3.1 Results visualisation</b>	Interactive online portal (run charts available); Annual report; Static data files
<b>3.2 Levels of reporting</b>	National; Trust or Health Board
<b>3.3 Timeliness of results feedback</b>	Within 3 months; Within 1 year; Within 24 hours
<b>Dataset #1 name</b>	National Hip Database Clinical Dataset
<b>Dataset #1 type</b>	Clinical audit - continuous
<b>Dataset #1 items collected (n)</b>	68
<b>Dataset #1 use of existing national datasets</b>	Hospital episode statistics (HES); Office for National Statistics (ONS)
<b>Dataset #1 specification</b>	see attached files
<b>Dataset #2 name</b>	National Hip Database Facilities Survey
<b>Dataset #2 type</b>	Organisational audit
<b>Dataset #2 items collected (n)</b>	38
<b>Dataset #2 specification</b>	see attached files

**Dataset #3 name** Not applicable

**Dataset #4 name** Not applicable

**Files** NHFD 2024 main dataset V15 final.docx  
NHFD 2024 theatre sheet dataset V15 final.docx  
NHFD 2022 facilities audit final.pdf