

The Bone & Joint Journal

Supplementary Material

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Core fields of the 2022 MCD	
Sex	1. Male 2. Female
Age at event	Age (years)
Pre-fracture residence	1. Home 2. Institution 3. Acute Care 4. Rehabilitation 5. Unknown
Date and time first presented with hip fracture at operating	dd/mm/yyyy hh:mm (24 hr clock)
Pre-fracture mobility / ADLs	1. Freely mobile without aids 2. Mobile outdoors with one aid 3. Mobile outdoors with two aids or frame 4. Some indoor mobility but never goes outside without help 5. No functional mobility (using lower
Cognitive status	1. Normal 2. Known dementia 3. Not known dementia but +vescreen for cognitive impairment (using a specified tool appropriate to the
ASA Grade	1, 2, 3, 4, 5, Unknown
Side of fracture	1. Left 2. Right
Pathological fracture	1. No 2. Malignancy 3. Atypical 4. Unknown
Fracture type	1. Intracapsular non-displaced 2. Intracapsular displaced 3. Trochanteric 4. Subtrochanteric 5. Other
Operation performed	1. No operation performed 2. Cannulated screws 3. Sliding hip screw 4. Intra-medullary nail 5. Hemiarthroplasty 6. Total hip replacement 7. Other
Date / time of primary surgery	dd/mm/yyyy hh:mm (24 hr clock)
Type of anaesthesia	1. General 2. Spinal 3. Other regional e.g. nerve block
Pressure ulcer developed during this admission	1. Yes 2. No
Physician / geriatrician involvement	1. Physician 2. Geriatrician 3. Not seen
Out of bed post-op.	Got out of bed by day 1 post-op. 1. Yes 2. No 3. No operation performed
Death during acute hospital admission	1. No 2. Died pre-surgery 3. Died post-surgery
Date / time of discharge from acute care	dd/mm/yyyy hh:mm (24 hr clock)
Acute discharge destination	1. Home 2. Institution 3. Acute Care 4. Rehabilitation 5. Unknown 6. Dead
Bone protection medication at discharge	1. Commenced 2. Continued 3. Changed 4. Discontinued 5. No action taken

Fig a. Core fields of the Fragility Fracture Network 2022 Minimum Common Dataset. ASA, American Society of Anesthesiologists; ADLs, activities of daily living.

Optional fields of the 2022 MCD	
Date and time of trauma causing hip fracture	dd/mm/yyyy
Date and time of admission to orthopaedic / orthogeriatric ward	dd/mm/yyyy hh:mm (24 hr clock) - or - Patient was never admitted to an specialist orthopaedic or orthogeriatric ward
Nutritional-assessment performed on admission	1. Normal (screened using a specified tool appropriate to the country) 2. Malnourished
Pre-fracture bone protection medication	1. Yes 2. No
Date / time of discharge from post-acute care	dd/mm/yyyy hh:mm (24 hr clock)
Post-acute discharge destination	1. Home 2. Institution 3. Acute Care 4. Rehabilitation 5. Unknown 6. Dead
Definition of follow-up time point	1. 30 days 2. 120 days
Alive at end of post-discharge follow-up period	1. No 2. Yes
Reoperation within this follow-up period	1. None 2. Reduction of dislocated prosthesis 3. Washout or debridement 4. Implant removal 5. Revision of internal fixation 6. Conversion to hemiarthroplasty 7. Conversion to total hip replacement 8. Girdlestone / excision arthroplasty 9. Periprosthetic fracture management 10. Other 11. Unknown
Mobility at end of this follow-up period	1. Freely mobile without aids 2. Mobile outdoors with one aid 3. Mobile outdoors with two aids or frame 4. Some indoor mobility but never goes outside without help 5. No functional mobility (using lower limbs) 6. Unknown
Residence at end of this follow-up period	1. Home 2. Institution 3. Acute Care 4. Rehabilitation 5. Unknown 6. Dead
Bone protection medication at end of this follow-up period	1. Yes 2. No

Fig b. Optional fields of the Fragility Fracture Network 2022 Minimum Common Dataset.

	Argentina	Australia and New Zealand	China	Denmark	England, Wales and N. Ireland	Germany	Holland	Ireland	Japan	Mexico	Norway	Pakistan	Philippines	Scotland	South Korea	Spain	Sweden	
<i>Established</i>	2022	2015	2022	2003	2007	2017	2016	2011	2017	2023	2005	2023	2021	2012	2012	2016	1988	
<i>Patient consent</i>						✓				✓		✓	✓		✓	✓	✓	41%
<i>Audit number</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	All
<i>Hospital code</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	All
Core Dataset fields																		
Sex	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	All
Age at event	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	All
Pre-fracture residence	✓		✓	✓	✓	✓		✓	✓	✓		✓	✓	✓	✓	✓	✓	82%
Date and time presented with hip fracture at operating hospital	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	94%
Pre-fracture mobility / ADLs			✓	✓	✓	✓	✓		✓	✓		✓	✓		✓		✓	65%
Cognitive status	✓		✓			✓			✓	✓	✓	✓	✓	✓	✓		✓	65%
ASA Grade	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	94%
Side of fracture	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	88%
Pathological fracture	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	88%
Fracture type	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	88%
Operation performed	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	All
Date / time of primary surgery	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	All
Type of anaesthesia	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	88%
Pressure ulcer developed during this admission	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	82%
Physician / geriatrician involvement	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	82%
Out of bed post-op.	✓	✓	✓	✓	✓	✓		✓	✓	✓		✓	✓	✓	✓	✓	✓	82%
Death during acute hospital admission	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	All
Date / time of discharge from acute care	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	82%
Acute discharge destination	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	88%
Bone protection medication at discharge	✓	✓	✓	✓	✓			✓	✓	✓		✓	✓		✓		✓	65%
Optional Dataset fields																		
Date and time of trauma causing hip fracture	✓		✓					✓	✓		✓		✓		✓		✓	47%
Date and time of admission to orthopaedic / orthogeriatric ward			✓	✓	✓		✓	✓				✓	✓	✓	✓		✓	59%
Pre-fracture bone protection medication	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	76%
Nutritional-assessment performed on admission	✓		✓		✓		✓	✓	✓					✓		✓	✓	47%
Date / time of discharge from post-acute care				✓	✓								✓			✓	✓	29%
Post-acute discharge destination		✓			✓							✓	✓	✓	✓	✓	✓	41%
<i>Follow-up data collection period (days after hip fracture)</i>	120	120	30, 120	30	30, 120	120	70-120	None	30, 120, 365	30	120	30	120	30	30, 90	30	120	
Alive at end of this follow-up period	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	94%
Reoperation within this follow-up period	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	94%
Mobility at end of this follow-up period	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓	✓		✓	✓	✓	82%
Residence at end of this follow-up period	✓	✓	✓		✓	✓	✓		✓			✓	✓	✓	✓	✓	✓	76%
Bone protection medication at end of this follow-up period	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	82%
Proportion of the FFN's 2022 MCD fields collected by the audit	84%	72%	91%	59%	91%	75%	72%	66%	84%	78%	53%	78%	94%	66%	88%	81%	69%	

Fig c. Collection of core and optional fields of the Fragility Fracture Network (FFN) 2022 Minimum Common Dataset (MCD) by national clinical audits. ASA, American Society of Anesthesiologists; ADLs, activities of daily living.