

**CDC Hip Fracture 65 and Older v1
Definition Factsheet & Technical Brief**

Description: Initial ED visits for probable hip fractures among older adults (aged ≥ 65 years), including periprosthetic hip fractures and excluding pathological fractures. Query has been limited to return results in those aged 65 or older.

New or Revised Definition: New

Date Created in ESSENCE: [date]

Authored by the Nssp Community of Practice.

Table 1. Inclusion and exclusion terms.

Terms	Description
<i>Inclusion</i>	
International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM)	
S72.0	Fracture of head and neck of femur
S72.1	Pertrochanteric fracture
S72.2	Subtrochanteric fracture of femur
M97.0	Periprosthetic fracture around internal prosthetic hip joint
Chief Complaint	
hip fracture	
hip fx	
fracture right hip	
fracture of right hip	
fx of right hip	
fx right hip	
fracture left hip	
fracture of left hip	
fx of left hip	
fx left hip	
fracture of hip	
fx of hip	
fractured hip	
fractured left hip	
fractured right hip	

Terms	Description
broken hip	
broken right hip	
broken left hip	
broke hip	
broke left hip	
broke right hip	
intertroch	
subtroch	
pertroch	
hip deformity	
Chief Complaint – Nested Together with AND: Anatomical Term Group	
femoral neck	
neck of femur	
neck of left femur	
neck of right femur	
neck of unspecified femur	
head of femur	
femoral head	
head of right femur	
head of left femur	
trochanter	
Chief Complaint – Nested Together with AND: Fracture/Break Term Group	
fracture	
fx	
broke	
break	
Chief Complaint – Nested Together with AND: Intracapsular/Epiphyseal Term Group	
intracapsular fracture	
intracapsular fx	
fracture of epiphysis	

Terms		Description
midcervical fracture		
apophyseal fracture		
Chief Complaint – Nested Together with AND: Required Co-occurring Term		
femur		
Chief Complaint – Nested Together with AND: External Rotation Group		
external rotation		
hip		
<i>Exclusion</i>		
International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM)		
S73		Dislocation and sprain of joint and ligaments of hip
ICD-10-CM Later-Encounter Exclusion Logic		
S72.0__[D-S]		Fracture of head and neck of femur
S72.1__[D-S]		Petrochanteric fracture
S72.2__[D-S]		Subtrochanteric fracture of femur
M97.0__[D-S]		Periprosthetic fracture around internal prosthetic hip joint
Chief Complaint		
history of hip fracture		
history of hip fx		
history of right hip fracture		
history of left hip fracture		
post hip fracture		
post hip fx		
post right hip fracture		
post left hip fracture		
previous hip fracture		
previous hip fx		
history of broken hip		
history of broken right hip		
history of broken left hip		
chip		

Terms	Description
metasta	

Table 2. ESSENCE syntax.

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(, (^[/ ]S72[0-2]^,or,^[;/ ]S72.[0-2]^,or,^[;/ ]M970^,or,^[;/ ]M97.0^),or,(, (^hip fracture^,or,^hip fx^,or,^fracture
right hip^,or,^fracture of right hip^,or,^fx of right hip^,or,^fx right hip^,or,^fracture left hip^,or,^fracture of left
hip^,or,^fx of left hip^,or,^fx left hip^,or,^fracture of hip^,or,^fx of hip^,or,^fractured hip^,or,^fractured left
hip^,or,^fractured right hip^),ANDNOT,(^history of hip fracture^,or,^history of hip fx^,or,^history of right hip
fracture^,or,^history of left hip fracture^,or,^post hip fracture^,or,^post hip fx^,or,^post right hip fracture^,or,^post
left hip fracture^,or,^previous hip fracture^,or,^previous hip fx^),or,(^broken hip^,or,^broken right hip^,or,^broken
left hip^,or,^broke hip^,or,^broke left hip^,or,^broke right hip^),ANDNOT,(^history of broken hip^,or,^history of
broken right hip^,or,^history of broken left hip^),or,^intertroch^,or,^subtroch^,or,^perthroch^,or,(^femoral
neck^,or,^neck of femur^,or,^neck of left femur^,or,^neck of right femur^,or,^neck of unspecified femur^,or,^head
of femur^,or,^femoral head^,or,^head of right femur^,or,^head of left femur^,or,^trochanter^),AND,
(^fracture^,or,^fx^,or,^broke^,or,^break^),),or,(, (^intracapsular fracture^,or,^intracapsular fx^,or,^fracture of
epiphysis^,or,^midcervical fracture^,or,^apophyseal fracture^),AND,^femur^),or,(^hip deformity^,or,(^external
rotation^,AND,^hip^),),ANDNOT,^[;/ ]S73^),ANDNOT,(^chip^,or,^metasta^),),),ANDNOT,(, (^[/ ]S72[0-2]__[D-
S]^,or,^[;/ ]S72.[0-2]__[D-S]^,or,^[;/ ]M970__[D-S]^,or,^[;/ ]M97.0__[D-S]^),ANDNOT,(^[;/ ]S72[0-
2] [ABC ]^,or,^[;/ ]S72.[0-2] [ABC ]^,or,^[;/ ]M970 [A ]^,or,^[;/ ]M97.0 [A ]^),)
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