
















## 2 Hip Fracture Surgery Definition


Each patient selected had to have a diagnosis of a hip fracture AND hip surgery.

All COVID(+) had SARS-CoV-2 infection diagnosed within 7 days before or 30 days after surgery. If patients with SARS-CoV-2 infection had multiple operations, the first procedure was defined as the index procedure.

OMOP Concepts		196 results						
<input type="checkbox"/>	TITLE	CONCEPT ID	VALID START DATE	INVALID REASON	VOCABULARY ID	CONCEPT CODE	CONCEPT CLASS ID	
<input type="checkbox"/>	 Fracture of acetabulum	4,276,036	Jan 31, 2002	No value	SNOMED	64455005	Clinical Finding	
<input type="checkbox"/>	 Open pertrochanteric frac...	4,281,541	Jan 31, 2002	No value	SNOMED	66483005	Clinical Finding	
<input type="checkbox"/>	 Fracture of bone of hip re...	45,763,653	Jul 31, 2014	No value	SNOMED	700097003	Clinical Finding	
<input type="checkbox"/>	 Closed avulsion fracture o...	4,145,054	Jul 31, 2007	No value	SNOMED	426382004	Clinical Finding	
<input type="checkbox"/>	 Closed fracture of acetab...	4,145,841	Jul 31, 2007	No value	SNOMED	426962008	Clinical Finding	
<input type="checkbox"/>	 Closed avulsion fracture o...	4,142,118	Jul 31, 2007	No value	SNOMED	427688003	Clinical Finding	
<input type="checkbox"/>	 Pathological fracture of ne...	4,160,572	Jul 31, 2008	No value	SNOMED	431031001	Clinical Finding	
<input type="checkbox"/>	 Closed subcapital fractur...	763,793	Mar 1, 2015	No value	SNOMED	446471000124105	Clinical Finding	
<input type="checkbox"/>	 Closed subcapital fractur...	763,864	Sep 1, 2015	No value	SNOMED	447931000124101	Clinical Finding	
<input type="checkbox"/>	 Fracture of neck of femur	433,856	Jan 31, 2002	No value	SNOMED	5913000	Clinical Finding	
<input type="checkbox"/>	 Closed fracture of midcer...	436,247	Jan 31, 2002	No value	SNOMED	52450003	Clinical Finding	
<input type="checkbox"/>	 Closed fracture of acetab...	81,696	Jan 31, 2002	No value	SNOMED	33118001	Clinical Finding	
<input type="checkbox"/>	 Fracture dislocation of hip...	4,138,277	Jan 31, 2002	No value	SNOMED	263088001	Clinical Finding	
<input type="checkbox"/>	 Midcervical fracture of ne...	4,136,839	Jan 31, 2002	No value	SNOMED	263227004	Clinical Finding	
<input type="checkbox"/>	 Fracture of proximal end ...	4,138,412	Jan 31, 2002	No value	SNOMED	263225007	Clinical Finding	







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☰ Properties

Atlas JSON Resource Url	 Fracture_of_bone_of_hip_region-1.json	Is Most Recent Version	Yes
Codeset Id	612968165	Issues	No value
Comments	No value	Limitations	No value
Concept Set Name	Fracture of bone of hip region	Provenance	<a href="https://data.ohdsi.org/PhenotypeLibrary/">https://data.ohdsi.org/PhenotypeLibrary/</a> + Cohort ID: 45763653002
Created At	Dec 14, 2020, 9:16 PM	Status	In Progress
Created By	<a href="#">Benjamin Amor</a>	Update Message	First commit
Has Review	No value	Version	1
Intention	Used for "Fracture of bone of hip region" OHDSI phenotype definition		


Atlas JSON *No value*

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OMOP Concepts		6 results <input type="text" value="Type and hit Enter..."/>						
<input type="checkbox"/>	TITLE	CONCEPT ID	VALID START DATE	INVALID REASON	VOCABULARY ID	CONCEPT CODE	CONCEPT CLASS ID	
<input type="checkbox"/>	 Percutaneous skeletal fix...	2,104,913	Jan 1, 1970	No value	CPT4	27235	CPT4	
<input type="checkbox"/>	 Hemiarthroplasty, hip, par...	2,104,835	Jan 1, 1970	No value	CPT4	27125	CPT4	
<input type="checkbox"/>	 Arthroplasty, acetabular a...	2,104,836	Jan 1, 1970	No value	CPT4	27130	CPT4	
<input type="checkbox"/>	 Open treatment of femora...	2,104,914	Jan 1, 1970	No value	CPT4	27236	CPT4	
<input type="checkbox"/>	 Treatment of intertrochan...	2,104,917	Jan 1, 1970	No value	CPT4	27244	CPT4	
<input type="checkbox"/>	 Treatment of intertrochan...	2,104,918	Jan 1, 1970	No value	CPT4	27245	CPT4	

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☰ Properties

Atlas JSON Resource Url	 Hip_surgery_v1-2.json	Is Most Recent Version	Yes
Codeset Id	779440238	Issues	No value
Comments	No value	Limitations	Limitations are the overlap between codes used for different indications. For example 27236 could be used for ORIF or prosthetic implant.
Concept Set Name	Hip surgery v1	Provenance	Provenance described in more detail in linked report. Briefly, this concept set was created using previous research conducted on large databases, reviewed with orthopedic surgeons, and planned to be matched with a condition cohort of fracture patients for the intended...
Created At	Mar 19, 2021, 5:17 PM	Status	No value
Created By	<a href="#">Eli Levitt</a>	Update Message	adding 27235
Has Review	No value	Version	2
Intention	To capture common surgeries on the hip using CPT codes. This concept set includes 5 CPT codes (27130, 27125, 27236, 27244, 27245). Descriptions of the CPT codes are provided under the tab "OMOP Concepts."		

Atlas JSON *No value*

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