

Appendix 1: Following diagnoses- and procedure codes were used to identify patients undergoing hip fracture surgery.

ICD-10 code	Diagnosis code
<i>Fracture of the femoral neck</i>	DS720
<i>Per-trochanter fracture</i>	DS721
<i>Sub-trochanter fracture</i>	DS722
	Surgery procedure code
<i>Osteosynthesis</i>	KNFJ4-9
<i>Primary hip replacement</i>	KNFB0-99

ICD-10: WHO's International Statistical Classification of Diseases and Related Health Problems, 10th Revision.

Appendix 2: ATC codes for all medication in the study

<i>Categories</i>	Name	ATC code	
<i>Non-steroidal anti-inflammatory drugs (NSAIDs):</i>	Celecoxib	M01AH01	
	Rofecoxib	M01AH	
	Valdecoxib	M01AH03	
	Etoricoxib	M01AH05	
	Lornoxicam	M01AC05	
	Diclofenac	M01AB05	
	Meloxicam	M01AC06	
<i>Selective serotonin reuptake inhibitors (SSRIs)</i>	Fluoxetine	N06AB03	
	Citalopram	N06AB04	
	Paroxetine	N06AB05	
	Sertraline	N06AB06	
	Fluvoxamine	N06AB08	
	Escitalopram	N06AB10	
	<i>Antidepressants</i>	Non-selective monoamine reuptake inhibitors	N06AA
Non-selective monoamine-oxidase inhibitors		N06AF	
Monoamine-oxidase type A inhibitors		N06AG	
Other antidepressants		N06AX	
<i>Antipsychotics</i>	Antipsychotics	N05A-	
<i>Corticosteroids</i>	Systemic hormones	H02AB	
		H02BX	
<i>Oral anticoagulation therapy</i>	Heparin	B01AB	
	Arixtra	B01AX	
	Fibrinolytika	A01AD	
	Vitamin K antagonist	B01AA	
	NOAC	B01AE07	
	Rivaroxaban	B01AF01	
	Apixaban	B01AF02	
	Edoxaban	B01AF03	
	Trombocytinhibitors	B01AC	
	Aspirin	N02BA01	
	Aspirin	N02BA51	
	<i>Statins</i>	Simvastatin	C10AA01
		Lovastatin	C10AA02
		Fluvastatin	C10AA04
Cerivastatin		C10AA06	
Atorvastatin		C10AA05	
Pravastatin		C10AA03	
Rosuvastatin		C10AA07	
<i>Antibiotics</i>	Oral treatment of bacterial infections	J01x	
	viral infections	J05x	
<i>Opioids</i>	Morfin	N02AA01	
	Fentanyl	N02AB03	
	Hydromorphon	N02AA03	
	Ketobemidon (ketogan)	N02AG02	
	Methadon	N07BC02	
	Nicomorphin	N02AA04	
	Oxycodon	N02AA05	
	Pethidin	N02AB02	
Targin	N02AA55		

	Tramadol	N02AX02
	Tapentadol	N02AX06
	Buprenorphin	N02AE01
	Codein	R05DA04
	Codein and paracetamol	N02AJ06
<i>Hormone replacement therapy</i>	Estrogen	G03C
	Estrogen	L02AA
	Progesteron and estrogen in combination	G03F
	Antiandrogen	G03H
	Progesteron	G03D
<i>Anti-osteoporosis medication</i>		
<i>Bisfosfonats</i>	Etidronat	M05BA01
	Clodronate	M05BA02
	Pamidronate	M05BA03
	Alendronat	M05BA04
	Alendronat and colecalciferol	M05BB03
	Alendronat, calcium and colecalciferol	M05BB05
	Tiludronate	M05BA05
	Ibandronat	M05BA06
	Risedronat	M05BA07
	Risedronat and calcium	M05BB02
	Risedronat, calcium and colecalciferol	M05BB04
	Zoledronat	
<i>Other drugs affecting bone structure and mineralization</i>	Denosumab	M05BX04
	Strontiumranelat	M05BX03

ATC codes: Anatomical Therapeutic Chemical Classification System