

Supplemental File

Supplemental Table 1: Patient outcomes (mortality or hospice, complications, and hospital length of stay) by delay > 24 hours.

	Mortality or Hospice		Complications		Hospital LOS	
Variable	Odds Ratio and 95% CI	P value	Odds Ratio and 95% CI	P value	Incidence Rate Ratios and 95% CI	P value
Delay > 24 hours	1.20 (0.99-1.44)	0.06	1.40 (1.20-1.62)	<0.001	1.23 (1.19-1.29)	<0.001

Supplemental Table 2: Patient admitting service (Trauma, Orthopedics, Other) by hospital and patient characteristics.

	Trauma Admit Service		Orthopedic Admit Service		Other Admit Service	
Variable	Odds Ratio and 95% CI	P value	Odds Ratio and 95% CI	P value	Incidence Rate Ratios and 95% CI	P value
Demographics						
65-74y	Reference		Reference		Reference	
75-84y	1.22 (1.04-1.43)	0.02	0.81 (0.70-0.95)	0.01	1.01 (0.88-1.16)	0.87
>=85y	1.21 (1.01-1.44)	0.04	0.76 (0.60-0.96)	0.02	1.07 (0.87-1.30)	0.53
Male	0.93 (0.81-1.06)	0.27	0.92 (0.77-1.10)	0.37	1.12 (0.98-1.27)	0.10
Female	Reference		Reference		Reference	
White	Reference		Reference		Reference	
Black	4.42 (1.51-12.94)	<0.01	0.41 (0.17-1.03)	0.06	0.65 (0.27-1.60)	0.35
Other	2.02 (1.21-3.38)	<0.01	0.66 (0.44-0.99)	0.04	0.85 (0.52-1.40)	0.53
Not insured	1.59 (0.55-4.57)	0.39	0.36 (0.07-1.75)	0.21	2.00 (1.00-4.01)	0.05
Hospital Factors						
Level 1	Reference		Reference		Reference	
Level 2	13.60 (4.02-45.98)	<0.001	0.18 (0.05-0.72)	0.02	0.70 (0.24-2.04)	0.52
Clinical Measures						
ISS: 9	Reference		Reference		Reference	
ISS: 10	1.71 (1.24-2.37)	<0.01	0.72 (0.50-1.03)	0.07	0.82 (0.64-1.06)	0.13
ISS: 11	9.08 (3.24-25.45)	<0.001	0.15 (0.05-0.49)	<0.01	0.36 (0.16-0.81)	0.01
AIS Chest=1	1.66 (0.41-6.70)	0.48	0.95 (0.41-2.21)	0.91	0.74 (0.28-1.97)	0.55
ED Systolic BP: >90, mmHg	Reference		Reference		Reference	
ED Systolic BP: 61-90	0.86 (0.49-1.48)	0.58	0.75 (0.28-1.96)	0.55	1.35 (0.84-2.17)	0.22
ED Systolic BP:	0.62 (0.14-2.81)	0.54	1.62 (0.35-7.56)	0.54	1.16 (0.19-7.15)	0.87

<= 60						
ED Systolic BP: Missing	1.38 (0.73-2.61)	0.32	0.98 (0.60-1.62)	0.95	0.81 (0.48-1.37)	0.44
ED Heart Rate: 51-120, bpm	Reference		Reference		Reference	
ED Heart Rate: >120	0.99 (0.63-1.56)	0.97	0.33 (0.16-0.68)	<0.01	1.85 (1.22-2.78)	<0.01
ED Heart Rate: 0-50	1.10 (0.71-1.69)	0.67	0.78 (0.48-1.28)	0.33	1.14 (0.79-1.62)	0.48
ED Heart Rate: Missing	0.76 (0.41-1.39)	0.37	0.94 (0.61-1.45)	0.77	1.25 (0.77-2.05)	0.37
Intubated	3.41 (0.55-21.16)	0.19	0.40 (0.13-1.18)	0.10	0.63 (0.17-2.29)	0.48
Comorbidities						
Functionally dependent health status	1.37 (0.90-2.08)	0.14	0.61 (0.36-1.02)	0.06	1.15 (0.80-1.65)	0.44
Congestive heart failure	1.16 (0.84-1.62)	0.37	0.81 (0.49-1.32)	0.39	1.03 (0.80-1.34)	0.81
Advanced directive limiting care	0.44 (0.26-0.75)	0.00	0.76 (0.42-1.38)	0.36	2.18 (1.45-3.28)	<0.001
Liver disease	0.96 (0.58-1.59)	0.89	0.47 (0.23-0.96)	0.04	1.71 (1.14-2.57)	0.01
Chronic renal failure	1.12 (0.78-1.59)	0.55	0.45 (0.25-0.82)	<0.01	1.44 (1.02-2.04)	0.04
COPD	0.82 (0.61-1.10)	0.18	0.66 (0.46-0.94)	0.02	1.49 (1.23-1.82)	<0.001
Angina	0.36 (0.11-1.14)	0.08	0.71 (0.19-2.65)	0.61	2.23 (0.87-5.72)	0.09
Cerebrovascular accident	1.08 (0.87-1.33)	0.50	1.05 (0.70-1.57)	0.82	0.93 (0.75-1.15)	0.50
Steroid use	1.08 (0.79-1.48)	0.61	0.95 (0.75-1.22)	0.71	0.97 (0.76-1.24)	0.81

ICD-9, ICD-10, and AIS Codes Referenced in the Manuscript

ICD-9 Code	Description
820	Transcervical closed fracture of intracapsular section, unspecified
820.01	Transcervical closed fracture of epiphysis
820.02	Transcervical closed fracture of midcervical section
820.03	Transcervical closed fracture of base
820.09	Transcervical closer fracture other
820.1	Transcervical open fracture of intracapsular section, unspecified
820.11	Transcervical open fracture of epiphysis
820.12	Transcervical open fracture of midcervical section
820.13	Transcervical open fracture of base
820.19	Transcervical other open transcervical fracture

820.2	Pertrochanteric closed fracture of trochanteric section
820.21	Pertrochanteric closed fracture of intertrochanteric section
820.22	Pertrochanteric closed fracture of subtrochanteric section
820.3	Pertrochanteric open fracture of trochanteric section
820.31	Pertrochanteric open fracture of intertrochanteric section
820.32	Pertrochanteric open fracture of subtrochanteric section
820.8	Closed fracture of unspecified part NFS
820.9	Open fracture of unspecified part NFS

ICD-10 Code	Description
S72.001A	Fracture of unspecified part of neck of right femur, initial encounter for closed fracture
S72.001B	Fracture of unspecified part of neck of right femur, initial encounter for open fracture type I or II
S72.001C	Fracture of unspecified part of neck of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.001G	Fracture of unspecified part of neck of right femur, subsequent encounter for closed fracture with delayed healing
S72.001H	Fracture of unspecified part of neck of right femur, subsequent encounter for open fracture type I or II with delayed healing
S72.001J	Fracture of unspecified part of neck of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.001K	Fracture of unspecified part of neck of right femur, subsequent encounter for closed fracture with nonunion
S72.001M	Fracture of unspecified part of neck of right femur, subsequent encounter for open fracture type I or II with nonunion
S72.001N	Fracture of unspecified part of neck of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.001P	Fracture of unspecified part of neck of right femur, subsequent encounter for closed fracture with malunion
S72.001Q	Fracture of unspecified part of neck of right femur, subsequent encounter for open fracture type I or II with malunion
S72.001R	Fracture of unspecified part of neck of right femur, subsequent encounter for open fracture type IIIA, IIIB, or

	IIC with malunion
S72.002A	Fracture of unspecified part of neck of left femur, initial encounter for closed fracture
S72.002B	Fracture of unspecified part of neck of left femur, initial encounter for open fracture type I or II
S72.002C	Fracture of unspecified part of neck of left femur, initial encounter for open fracture type IIIA, IIIB, or IIC
S72.002G	Fracture of unspecified part of neck of left femur, subsequent encounter for closed fracture with delayed healing
S72.002H	Fracture of unspecified part of neck of left femur, subsequent encounter for open fracture type I or II with delayed healing
S72.002J	Fracture of unspecified part of neck of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIC with delayed healing
S72.002K	Fracture of unspecified part of neck of left femur, subsequent encounter for closed fracture with nonunion
S72.002M	Fracture of unspecified part of neck of left femur, subsequent encounter for open fracture type I or II with nonunion
S72.002N	Fracture of unspecified part of neck of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIC with nonunion
S72.002P	Fracture of unspecified part of neck of left femur, subsequent encounter for closed fracture with malunion
S72.002Q	Fracture of unspecified part of neck of left femur, subsequent encounter for open fracture type I or II with malunion
S72.002R	Fracture of unspecified part of neck of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIC with malunion
S72.009A	Fracture of unspecified part of neck of unspecified femur, initial encounter for closed fracture
S72.009B	Fracture of unspecified part of neck of unspecified femur, initial encounter for open fracture type I or II
S72.009C	Fracture of unspecified part of neck of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIC
S72.009G	Fracture of unspecified part of neck of unspecified femur, subsequent encounter for closed fracture with delayed healing
S72.009H	Fracture of unspecified part of neck of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing
S72.009J	Fracture of unspecified part of neck of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIC with delayed healing

S72.009K	Fracture of unspecified part of neck of unspecified femur, subsequent encounter for closed fracture with nonunion
S72.009M	Fracture of unspecified part of neck of unspecified femur, subsequent encounter for open fracture type I or II with nonunion
S72.009N	Fracture of unspecified part of neck of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.009P	Fracture of unspecified part of neck of unspecified femur, subsequent encounter for closed fracture with malunion
S72.009Q	Fracture of unspecified part of neck of unspecified femur, subsequent encounter for open fracture type I or II with malunion
S72.009R	Fracture of unspecified part of neck of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.011A	Unspecified intracapsular fracture of right femur, initial encounter for closed fracture
S72.011B	Unspecified intracapsular fracture of right femur, initial encounter for open fracture type I or II
S72.011C	Unspecified intracapsular fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.011G	Unspecified intracapsular fracture of right femur, subsequent encounter for closed fracture with delayed healing
S72.011H	Unspecified intracapsular fracture of right femur, subsequent encounter for open fracture type I or II with delayed healing
S72.011J	Unspecified intracapsular fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.011K	Unspecified intracapsular fracture of right femur, subsequent encounter for closed fracture with nonunion
S72.011M	Unspecified intracapsular fracture of right femur, subsequent encounter for open fracture type I or II with nonunion
S72.011N	Unspecified intracapsular fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.011P	Unspecified intracapsular fracture of right femur, subsequent encounter for closed fracture with malunion
S72.011Q	Unspecified intracapsular fracture of right femur, subsequent encounter for open fracture type I or II with malunion
S72.011R	Unspecified intracapsular fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion

S72.012A	Unspecified intracapsular fracture of left femur, initial encounter for closed fracture
S72.012B	Unspecified intracapsular fracture of left femur, initial encounter for open fracture type I or II
S72.012C	Unspecified intracapsular fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.012G	Unspecified intracapsular fracture of left femur, subsequent encounter for closed fracture with delayed healing
S72.012H	Unspecified intracapsular fracture of left femur, subsequent encounter for open fracture type I or II with delayed healing
S72.012J	Unspecified intracapsular fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.012K	Unspecified intracapsular fracture of left femur, subsequent encounter for closed fracture with nonunion
S72.012M	Unspecified intracapsular fracture of left femur, subsequent encounter for open fracture type I or II with nonunion
S72.012N	Unspecified intracapsular fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.012P	Unspecified intracapsular fracture of left femur, subsequent encounter for closed fracture with malunion
S72.012Q	Unspecified intracapsular fracture of left femur, subsequent encounter for open fracture type I or II with malunion
S72.012R	Unspecified intracapsular fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.019A	Unspecified intracapsular fracture of unspecified femur, initial encounter for closed fracture
S72.019B	Unspecified intracapsular fracture of unspecified femur, initial encounter for open fracture type I or II
S72.019C	Unspecified intracapsular fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.019G	Unspecified intracapsular fracture of unspecified femur, subsequent encounter for closed fracture with delayed healing
S72.019H	Unspecified intracapsular fracture of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing
S72.019J	Unspecified intracapsular fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.019K	Unspecified intracapsular fracture of unspecified femur,

	subsequent encounter for closed fracture with nonunion
S72.019M	Unspecified intracapsular fracture of unspecified femur, subsequent encounter for open fracture type I or II with nonunion
S72.019N	Unspecified intracapsular fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.019P	Unspecified intracapsular fracture of unspecified femur, subsequent encounter for closed fracture with malunion
S72.019Q	Unspecified intracapsular fracture of unspecified femur, subsequent encounter for open fracture type I or II with malunion
S72.019R	Unspecified intracapsular fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.021A	Displaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for closed fracture
S72.021B	Displaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for open fracture type I or II
S72.021C	Displaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.021G	Displaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for closed fracture with delayed healing
S72.021H	Displaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type I or II with delayed healing
S72.021J	Displaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.021K	Displaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for closed fracture with nonunion
S72.021M	Displaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type I or II with nonunion
S72.021N	Displaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.021P	Displaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for closed fracture with malunion
S72.021Q	Displaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type I or II with malunion
S72.021R	Displaced fracture of epiphysis (separation) (upper) of

	right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.022A	Displaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for closed fracture
S72.022B	Displaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for open fracture type I or II
S72.022C	Displaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.022G	Displaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for closed fracture with delayed healing
S72.022H	Displaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type I or II with delayed healing
S72.022J	Displaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.022K	Displaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for closed fracture with nonunion
S72.022M	Displaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type I or II with nonunion
S72.022N	Displaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.022P	Displaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for closed fracture with malunion
S72.022Q	Displaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type I or II with malunion
S72.022R	Displaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.023A	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, initial encounter for closed fracture
S72.023B	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, initial encounter for open fracture type I or II
S72.023C	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.023G	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for closed fracture with delayed healing

S72.023H	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing
S72.023J	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.023K	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for closed fracture with nonunion
S72.023M	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for open fracture type I or II with nonunion
S72.023N	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.023P	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for closed fracture with malunion
S72.023Q	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for open fracture type I or II with malunion
S72.023R	Displaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.024A	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for closed fracture
S72.024B	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for open fracture type I or II
S72.024C	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.024G	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for closed fracture with delayed healing
S72.024H	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type I or II with delayed healing
S72.024J	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.024K	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for closed fracture with nonunion
S72.024M	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type I or II with nonunion
S72.024N	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type

	IIIA, IIIB, or IIIC with nonunion
S72.024P	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for closed fracture with malunion
S72.024Q	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type I or II with malunion
S72.024R	Nondisplaced fracture of epiphysis (separation) (upper) of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.025A	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for closed fracture
S72.025B	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for open fracture type I or II
S72.025C	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.025G	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for closed fracture with delayed healing
S72.025H	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type I or II with delayed healing
S72.025J	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.025K	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for closed fracture with nonunion
S72.025M	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type I or II with nonunion
S72.025N	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.025P	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for closed fracture with malunion
S72.025Q	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type I or II with malunion
S72.025R	Nondisplaced fracture of epiphysis (separation) (upper) of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.026A	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, initial encounter for closed fracture
S72.026B	Nondisplaced fracture of epiphysis (separation) (upper) of

	unspecified femur, initial encounter for open fracture type I or II
S72.026C	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.026G	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for closed fracture with delayed healing
S72.026H	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing
S72.026J	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.026K	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for closed fracture with nonunion
S72.026M	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for open fracture type I or II with nonunion
S72.026N	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.026P	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for closed fracture with malunion
S72.026Q	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for open fracture type I or II with malunion
S72.026R	Nondisplaced fracture of epiphysis (separation) (upper) of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.031A	Displaced midcervical fracture of right femur, initial encounter for closed fracture
S72.031B	Displaced midcervical fracture of right femur, initial encounter for open fracture type I or II
S72.031C	Displaced midcervical fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.031G	Displaced midcervical fracture of right femur, subsequent encounter for closed fracture with delayed healing
S72.031H	Displaced midcervical fracture of right femur, subsequent encounter for open fracture type I or II with delayed healing
S72.031J	Displaced midcervical fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.031K	Displaced midcervical fracture of right femur, subsequent

	encounter for closed fracture with nonunion
S72.031M	Displaced midcervical fracture of right femur, subsequent encounter for open fracture type I or II with nonunion
S72.031N	Displaced midcervical fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.031P	Displaced midcervical fracture of right femur, subsequent encounter for closed fracture with malunion
S72.031Q	Displaced midcervical fracture of right femur, subsequent encounter for open fracture type I or II with malunion
S72.031R	Displaced midcervical fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.032A	Displaced midcervical fracture of left femur, initial encounter for closed fracture
S72.032B	Displaced midcervical fracture of left femur, initial encounter for open fracture type I or II
S72.032C	Displaced midcervical fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.032G	Displaced midcervical fracture of left femur, subsequent encounter for closed fracture with delayed healing
S72.032H	Displaced midcervical fracture of left femur, subsequent encounter for open fracture type I or II with delayed healing
S72.032J	Displaced midcervical fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.032K	Displaced midcervical fracture of left femur, subsequent encounter for closed fracture with nonunion
S72.032M	Displaced midcervical fracture of left femur, subsequent encounter for open fracture type I or II with nonunion
S72.032N	Displaced midcervical fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.032P	Displaced midcervical fracture of left femur, subsequent encounter for closed fracture with malunion
S72.032Q	Displaced midcervical fracture of left femur, subsequent encounter for open fracture type I or II with malunion
S72.032R	Displaced midcervical fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.033A	Displaced midcervical fracture of unspecified femur, initial encounter for closed fracture
S72.033B	Displaced midcervical fracture of unspecified femur, initial encounter for open fracture type I or II
S72.033C	Displaced midcervical fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC

S72.033G	Displaced midcervical fracture of unspecified femur, subsequent encounter for closed fracture with delayed healing
S72.033H	Displaced midcervical fracture of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing
S72.033J	Displaced midcervical fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.033K	Displaced midcervical fracture of unspecified femur, subsequent encounter for closed fracture with nonunion
S72.033M	Displaced midcervical fracture of unspecified femur, subsequent encounter for open fracture type I or II with nonunion
S72.033N	Displaced midcervical fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.033P	Displaced midcervical fracture of unspecified femur, subsequent encounter for closed fracture with malunion
S72.033Q	Displaced midcervical fracture of unspecified femur, subsequent encounter for open fracture type I or II with malunion
S72.033R	Displaced midcervical fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.034A	Nondisplaced midcervical fracture of right femur, initial encounter for closed fracture
S72.034B	Nondisplaced midcervical fracture of right femur, initial encounter for open fracture type I or II
S72.034C	Nondisplaced midcervical fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.034G	Nondisplaced midcervical fracture of right femur, subsequent encounter for closed fracture with delayed healing
S72.034H	Nondisplaced midcervical fracture of right femur, subsequent encounter for open fracture type I or II with delayed healing
S72.034J	Nondisplaced midcervical fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.034K	Nondisplaced midcervical fracture of right femur, subsequent encounter for closed fracture with nonunion
S72.034M	Nondisplaced midcervical fracture of right femur, subsequent encounter for open fracture type I or II with nonunion
S72.034N	Nondisplaced midcervical fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or

	IIC with nonunion
S72.034P	Nondisplaced midcervical fracture of right femur, subsequent encounter for closed fracture with malunion
S72.034Q	Nondisplaced midcervical fracture of right femur, subsequent encounter for open fracture type I or II with malunion
S72.034R	Nondisplaced midcervical fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIC with malunion
S72.035A	Nondisplaced midcervical fracture of left femur, initial encounter for closed fracture
S72.035B	Nondisplaced midcervical fracture of left femur, initial encounter for open fracture type I or II
S72.035C	Nondisplaced midcervical fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIC
S72.035G	Nondisplaced midcervical fracture of left femur, subsequent encounter for closed fracture with delayed healing
S72.035H	Nondisplaced midcervical fracture of left femur, subsequent encounter for open fracture type I or II with delayed healing
S72.035J	Nondisplaced midcervical fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIC with delayed healing
S72.035K	Nondisplaced midcervical fracture of left femur, subsequent encounter for closed fracture with nonunion
S72.035M	Nondisplaced midcervical fracture of left femur, subsequent encounter for open fracture type I or II with nonunion
S72.035N	Nondisplaced midcervical fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIC with nonunion
S72.035P	Nondisplaced midcervical fracture of left femur, subsequent encounter for closed fracture with malunion
S72.035Q	Nondisplaced midcervical fracture of left femur, subsequent encounter for open fracture type I or II with malunion
S72.035R	Nondisplaced midcervical fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIC with malunion
S72.036A	Nondisplaced midcervical fracture of unspecified femur, initial encounter for closed fracture
S72.036B	Nondisplaced midcervical fracture of unspecified femur, initial encounter for open fracture type I or II
S72.036C	Nondisplaced midcervical fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIC
S72.036G	Nondisplaced midcervical fracture of unspecified femur,

	subsequent encounter for closed fracture with delayed healing
S72.036H	Nondisplaced midcervical fracture of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing
S72.036J	Nondisplaced midcervical fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.036K	Nondisplaced midcervical fracture of unspecified femur, subsequent encounter for closed fracture with nonunion
S72.036M	Nondisplaced midcervical fracture of unspecified femur, subsequent encounter for open fracture type I or II with nonunion
S72.036N	Nondisplaced midcervical fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.036P	Nondisplaced midcervical fracture of unspecified femur, subsequent encounter for closed fracture with malunion
S72.036Q	Nondisplaced midcervical fracture of unspecified femur, subsequent encounter for open fracture type I or II with malunion
S72.036R	Nondisplaced midcervical fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.041A	Displaced fracture of base of neck of right femur, initial encounter for closed fracture
S72.041B	Displaced fracture of base of neck of right femur, initial encounter for open fracture type I or II
S72.041C	Displaced fracture of base of neck of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.041G	Displaced fracture of base of neck of right femur, subsequent encounter for closed fracture with delayed healing
S72.041H	Displaced fracture of base of neck of right femur, subsequent encounter for open fracture type I or II with delayed healing
S72.041J	Displaced fracture of base of neck of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.041K	Displaced fracture of base of neck of right femur, subsequent encounter for closed fracture with nonunion
S72.041M	Displaced fracture of base of neck of right femur, subsequent encounter for open fracture type I or II with nonunion
S72.041N	Displaced fracture of base of neck of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion

S72.041P	Displaced fracture of base of neck of right femur, subsequent encounter for closed fracture with malunion
S72.041Q	Displaced fracture of base of neck of right femur, subsequent encounter for open fracture type I or II with malunion
S72.041R	Displaced fracture of base of neck of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.042A	Displaced fracture of base of neck of left femur, initial encounter for closed fracture
S72.042B	Displaced fracture of base of neck of left femur, initial encounter for open fracture type I or II
S72.042C	Displaced fracture of base of neck of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.042G	Displaced fracture of base of neck of left femur, subsequent encounter for closed fracture with delayed healing
S72.042H	Displaced fracture of base of neck of left femur, subsequent encounter for open fracture type I or II with delayed healing
S72.042J	Displaced fracture of base of neck of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.042K	Displaced fracture of base of neck of left femur, subsequent encounter for closed fracture with nonunion
S72.042M	Displaced fracture of base of neck of left femur, subsequent encounter for open fracture type I or II with nonunion
S72.042N	Displaced fracture of base of neck of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.042P	Displaced fracture of base of neck of left femur, subsequent encounter for closed fracture with malunion
S72.042Q	Displaced fracture of base of neck of left femur, subsequent encounter for open fracture type I or II with malunion
S72.042R	Displaced fracture of base of neck of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.043A	Displaced fracture of base of neck of unspecified femur, initial encounter for closed fracture
S72.043B	Displaced fracture of base of neck of unspecified femur, initial encounter for open fracture type I or II
S72.043C	Displaced fracture of base of neck of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.043G	Displaced fracture of base of neck of unspecified femur, subsequent encounter for closed fracture with delayed

	healing
S72.043H	Displaced fracture of base of neck of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing
S72.043J	Displaced fracture of base of neck of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.043K	Displaced fracture of base of neck of unspecified femur, subsequent encounter for closed fracture with nonunion
S72.043M	Displaced fracture of base of neck of unspecified femur, subsequent encounter for open fracture type I or II with nonunion
S72.043N	Displaced fracture of base of neck of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.043P	Displaced fracture of base of neck of unspecified femur, subsequent encounter for closed fracture with malunion
S72.043Q	Displaced fracture of base of neck of unspecified femur, subsequent encounter for open fracture type I or II with malunion
S72.043R	Displaced fracture of base of neck of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.044A	Nondisplaced fracture of base of neck of right femur, initial encounter for closed fracture
S72.044B	Nondisplaced fracture of base of neck of right femur, initial encounter for open fracture type I or II
S72.044C	Nondisplaced fracture of base of neck of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.044G	Nondisplaced fracture of base of neck of right femur, subsequent encounter for closed fracture with delayed healing
S72.044H	Nondisplaced fracture of base of neck of right femur, subsequent encounter for open fracture type I or II with delayed healing
S72.044J	Nondisplaced fracture of base of neck of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.044K	Nondisplaced fracture of base of neck of right femur, subsequent encounter for closed fracture with nonunion
S72.044M	Nondisplaced fracture of base of neck of right femur, subsequent encounter for open fracture type I or II with nonunion
S72.044N	Nondisplaced fracture of base of neck of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.044P	Nondisplaced fracture of base of neck of right femur,

	subsequent encounter for closed fracture with malunion
S72.044Q	Nondisplaced fracture of base of neck of right femur, subsequent encounter for open fracture type I or II with malunion
S72.044R	Nondisplaced fracture of base of neck of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.045A	Nondisplaced fracture of base of neck of left femur, initial encounter for closed fracture
S72.045B	Nondisplaced fracture of base of neck of left femur, initial encounter for open fracture type I or II
S72.045C	Nondisplaced fracture of base of neck of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.045G	Nondisplaced fracture of base of neck of left femur, subsequent encounter for closed fracture with delayed healing
S72.045H	Nondisplaced fracture of base of neck of left femur, subsequent encounter for open fracture type I or II with delayed healing
S72.045J	Nondisplaced fracture of base of neck of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.045K	Nondisplaced fracture of base of neck of left femur, subsequent encounter for closed fracture with nonunion
S72.045M	Nondisplaced fracture of base of neck of left femur, subsequent encounter for open fracture type I or II with nonunion
S72.045N	Nondisplaced fracture of base of neck of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.045P	Nondisplaced fracture of base of neck of left femur, subsequent encounter for closed fracture with malunion
S72.045Q	Nondisplaced fracture of base of neck of left femur, subsequent encounter for open fracture type I or II with malunion
S72.045R	Nondisplaced fracture of base of neck of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.046A	Nondisplaced fracture of base of neck of unspecified femur, initial encounter for closed fracture
S72.046B	Nondisplaced fracture of base of neck of unspecified femur, initial encounter for open fracture type I or II
S72.046C	Nondisplaced fracture of base of neck of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.046G	Nondisplaced fracture of base of neck of unspecified femur, subsequent encounter for closed fracture with

	delayed healing
S72.046H	Nondisplaced fracture of base of neck of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing
S72.046J	Nondisplaced fracture of base of neck of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.046K	Nondisplaced fracture of base of neck of unspecified femur, subsequent encounter for closed fracture with nonunion
S72.046M	Nondisplaced fracture of base of neck of unspecified femur, subsequent encounter for open fracture type I or II with nonunion
S72.046N	Nondisplaced fracture of base of neck of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.046P	Nondisplaced fracture of base of neck of unspecified femur, subsequent encounter for closed fracture with malunion
S72.046Q	Nondisplaced fracture of base of neck of unspecified femur, subsequent encounter for open fracture type I or II with malunion
S72.046R	Nondisplaced fracture of base of neck of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.101A	Unspecified trochanteric fracture of right femur, initial encounter for closed fracture
S72.101B	Unspecified trochanteric fracture of right femur, initial encounter for open fracture type I or II
S72.101C	Unspecified trochanteric fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.101G	Unspecified trochanteric fracture of right femur, subsequent encounter for closed fracture with delayed healing
S72.101H	Unspecified trochanteric fracture of right femur, subsequent encounter for open fracture type I or II with delayed healing
S72.101J	Unspecified trochanteric fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.101K	Unspecified trochanteric fracture of right femur, subsequent encounter for closed fracture with nonunion
S72.101M	Unspecified trochanteric fracture of right femur, subsequent encounter for open fracture type I or II with nonunion
S72.101N	Unspecified trochanteric fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or

	IIIC with nonunion
S72.101P	Unspecified trochanteric fracture of right femur, subsequent encounter for closed fracture with malunion
S72.101Q	Unspecified trochanteric fracture of right femur, subsequent encounter for open fracture type I or II with malunion
S72.101R	Unspecified trochanteric fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.102A	Unspecified trochanteric fracture of left femur, initial encounter for closed fracture
S72.102B	Unspecified trochanteric fracture of left femur, initial encounter for open fracture type I or II
S72.102C	Unspecified trochanteric fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.102G	Unspecified trochanteric fracture of left femur, subsequent encounter for closed fracture with delayed healing
S72.102H	Unspecified trochanteric fracture of left femur, subsequent encounter for open fracture type I or II with delayed healing
S72.102J	Unspecified trochanteric fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.102K	Unspecified trochanteric fracture of left femur, subsequent encounter for closed fracture with nonunion
S72.102M	Unspecified trochanteric fracture of left femur, subsequent encounter for open fracture type I or II with nonunion
S72.102N	Unspecified trochanteric fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.102P	Unspecified trochanteric fracture of left femur, subsequent encounter for closed fracture with malunion
S72.102Q	Unspecified trochanteric fracture of left femur, subsequent encounter for open fracture type I or II with malunion
S72.102R	Unspecified trochanteric fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.109A	Unspecified trochanteric fracture of unspecified femur, initial encounter for closed fracture
S72.109B	Unspecified trochanteric fracture of unspecified femur, initial encounter for open fracture type I or II
S72.109C	Unspecified trochanteric fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.109G	Unspecified trochanteric fracture of unspecified femur, subsequent encounter for closed fracture with delayed healing
S72.109H	Unspecified trochanteric fracture of unspecified femur,

	subsequent encounter for open fracture type I or II with delayed healing
S72.109J	Unspecified trochanteric fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.109K	Unspecified trochanteric fracture of unspecified femur, subsequent encounter for closed fracture with nonunion
S72.109M	Unspecified trochanteric fracture of unspecified femur, subsequent encounter for open fracture type I or II with nonunion
S72.109N	Unspecified trochanteric fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.109P	Unspecified trochanteric fracture of unspecified femur, subsequent encounter for closed fracture with malunion
S72.109Q	Unspecified trochanteric fracture of unspecified femur, subsequent encounter for open fracture type I or II with malunion
S72.109R	Unspecified trochanteric fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.111A	Displaced fracture of greater trochanter of right femur, initial encounter for closed fracture
S72.111B	Displaced fracture of greater trochanter of right femur, initial encounter for open fracture type I or II
S72.111C	Displaced fracture of greater trochanter of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.111G	Displaced fracture of greater trochanter of right femur, subsequent encounter for closed fracture with delayed healing
S72.111H	Displaced fracture of greater trochanter of right femur, subsequent encounter for open fracture type I or II with delayed healing
S72.111J	Displaced fracture of greater trochanter of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.111K	Displaced fracture of greater trochanter of right femur, subsequent encounter for closed fracture with nonunion
S72.111M	Displaced fracture of greater trochanter of right femur, subsequent encounter for open fracture type I or II with nonunion
S72.111N	Displaced fracture of greater trochanter of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.111P	Displaced fracture of greater trochanter of right femur, subsequent encounter for closed fracture with malunion
S72.111Q	Displaced fracture of greater trochanter of right femur,

	subsequent encounter for open fracture type I or II with malunion
S72.111R	Displaced fracture of greater trochanter of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.112A	Displaced fracture of greater trochanter of left femur, initial encounter for closed fracture
S72.112B	Displaced fracture of greater trochanter of left femur, initial encounter for open fracture type I or II
S72.112C	Displaced fracture of greater trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.112G	Displaced fracture of greater trochanter of left femur, subsequent encounter for closed fracture with delayed healing
S72.112H	Displaced fracture of greater trochanter of left femur, subsequent encounter for open fracture type I or II with delayed healing
S72.112J	Displaced fracture of greater trochanter of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.112K	Displaced fracture of greater trochanter of left femur, subsequent encounter for closed fracture with nonunion
S72.112M	Displaced fracture of greater trochanter of left femur, subsequent encounter for open fracture type I or II with nonunion
S72.112N	Displaced fracture of greater trochanter of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.112P	Displaced fracture of greater trochanter of left femur, subsequent encounter for closed fracture with malunion
S72.112Q	Displaced fracture of greater trochanter of left femur, subsequent encounter for open fracture type I or II with malunion
S72.112R	Displaced fracture of greater trochanter of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.113A	Displaced fracture of greater trochanter of unspecified femur, initial encounter for closed fracture
S72.113B	Displaced fracture of greater trochanter of unspecified femur, initial encounter for open fracture type I or II
S72.113C	Displaced fracture of greater trochanter of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.113G	Displaced fracture of greater trochanter of unspecified femur, subsequent encounter for closed fracture with delayed healing
S72.113H	Displaced fracture of greater trochanter of unspecified

	femur, subsequent encounter for open fracture type I or II with delayed healing
S72.113J	Displaced fracture of greater trochanter of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.113K	Displaced fracture of greater trochanter of unspecified femur, subsequent encounter for closed fracture with nonunion
S72.113M	Displaced fracture of greater trochanter of unspecified femur, subsequent encounter for open fracture type I or II with nonunion
S72.113N	Displaced fracture of greater trochanter of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.113P	Displaced fracture of greater trochanter of unspecified femur, subsequent encounter for closed fracture with malunion
S72.113Q	Displaced fracture of greater trochanter of unspecified femur, subsequent encounter for open fracture type I or II with malunion
S72.113R	Displaced fracture of greater trochanter of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.114A	Nondisplaced fracture of greater trochanter of right femur, initial encounter for closed fracture
S72.114B	Nondisplaced fracture of greater trochanter of right femur, initial encounter for open fracture type I or II
S72.114C	Nondisplaced fracture of greater trochanter of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.114G	Nondisplaced fracture of greater trochanter of right femur, subsequent encounter for closed fracture with delayed healing
S72.114H	Nondisplaced fracture of greater trochanter of right femur, subsequent encounter for open fracture type I or II with delayed healing
S72.114J	Nondisplaced fracture of greater trochanter of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.114K	Nondisplaced fracture of greater trochanter of right femur, subsequent encounter for closed fracture with nonunion
S72.114M	Nondisplaced fracture of greater trochanter of right femur, subsequent encounter for open fracture type I or II with nonunion
S72.114N	Nondisplaced fracture of greater trochanter of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.114P	Nondisplaced fracture of greater trochanter of right femur,

	subsequent encounter for closed fracture with malunion
S72.114Q	Nondisplaced fracture of greater trochanter of right femur, subsequent encounter for open fracture type I or II with malunion
S72.114R	Nondisplaced fracture of greater trochanter of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.115A	Nondisplaced fracture of greater trochanter of left femur, initial encounter for closed fracture
S72.115B	Nondisplaced fracture of greater trochanter of left femur, initial encounter for open fracture type I or II
S72.115C	Nondisplaced fracture of greater trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.115G	Nondisplaced fracture of greater trochanter of left femur, subsequent encounter for closed fracture with delayed healing
S72.115H	Nondisplaced fracture of greater trochanter of left femur, subsequent encounter for open fracture type I or II with delayed healing
S72.115J	Nondisplaced fracture of greater trochanter of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.115K	Nondisplaced fracture of greater trochanter of left femur, subsequent encounter for closed fracture with nonunion
S72.115M	Nondisplaced fracture of greater trochanter of left femur, subsequent encounter for open fracture type I or II with nonunion
S72.115N	Nondisplaced fracture of greater trochanter of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.115P	Nondisplaced fracture of greater trochanter of left femur, subsequent encounter for closed fracture with malunion
S72.115Q	Nondisplaced fracture of greater trochanter of left femur, subsequent encounter for open fracture type I or II with malunion
S72.115R	Nondisplaced fracture of greater trochanter of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.116A	Nondisplaced fracture of greater trochanter of unspecified femur, initial encounter for closed fracture
S72.116B	Nondisplaced fracture of greater trochanter of unspecified femur, initial encounter for open fracture type I or II
S72.116C	Nondisplaced fracture of greater trochanter of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.116G	Nondisplaced fracture of greater trochanter of unspecified femur, subsequent encounter for closed fracture with

	delayed healing
S72.116H	Nondisplaced fracture of greater trochanter of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing
S72.116J	Nondisplaced fracture of greater trochanter of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.116K	Nondisplaced fracture of greater trochanter of unspecified femur, subsequent encounter for closed fracture with nonunion
S72.116M	Nondisplaced fracture of greater trochanter of unspecified femur, subsequent encounter for open fracture type I or II with nonunion
S72.116N	Nondisplaced fracture of greater trochanter of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.116P	Nondisplaced fracture of greater trochanter of unspecified femur, subsequent encounter for closed fracture with malunion
S72.116Q	Nondisplaced fracture of greater trochanter of unspecified femur, subsequent encounter for open fracture type I or II with malunion
S72.116R	Nondisplaced fracture of greater trochanter of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.121A	Displaced fracture of lesser trochanter of right femur, initial encounter for closed fracture
S72.121B	Displaced fracture of lesser trochanter of right femur, initial encounter for open fracture type I or II
S72.121C	Displaced fracture of lesser trochanter of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.121G	Displaced fracture of lesser trochanter of right femur, subsequent encounter for closed fracture with delayed healing
S72.121H	Displaced fracture of lesser trochanter of right femur, subsequent encounter for open fracture type I or II with delayed healing
S72.121J	Displaced fracture of lesser trochanter of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.121K	Displaced fracture of lesser trochanter of right femur, subsequent encounter for closed fracture with nonunion
S72.121M	Displaced fracture of lesser trochanter of right femur, subsequent encounter for open fracture type I or II with nonunion
S72.121N	Displaced fracture of lesser trochanter of right femur, subsequent encounter for open fracture type IIIA, IIIB, or

	IIC with nonunion
S72.121P	Displaced fracture of lesser trochanter of right femur, subsequent encounter for closed fracture with malunion
S72.121Q	Displaced fracture of lesser trochanter of right femur, subsequent encounter for open fracture type I or II with malunion
S72.121R	Displaced fracture of lesser trochanter of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIC with malunion
S72.122A	Displaced fracture of lesser trochanter of left femur, initial encounter for closed fracture
S72.122B	Displaced fracture of lesser trochanter of left femur, initial encounter for open fracture type I or II
S72.122C	Displaced fracture of lesser trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIC
S72.122G	Displaced fracture of lesser trochanter of left femur, subsequent encounter for closed fracture with delayed healing
S72.122H	Displaced fracture of lesser trochanter of left femur, subsequent encounter for open fracture type I or II with delayed healing
S72.122J	Displaced fracture of lesser trochanter of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIC with delayed healing
S72.122K	Displaced fracture of lesser trochanter of left femur, subsequent encounter for closed fracture with nonunion
S72.122M	Displaced fracture of lesser trochanter of left femur, subsequent encounter for open fracture type I or II with nonunion
S72.122N	Displaced fracture of lesser trochanter of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIC with nonunion
S72.122P	Displaced fracture of lesser trochanter of left femur, subsequent encounter for closed fracture with malunion
S72.122Q	Displaced fracture of lesser trochanter of left femur, subsequent encounter for open fracture type I or II with malunion
S72.122R	Displaced fracture of lesser trochanter of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIC with malunion
S72.123A	Displaced fracture of lesser trochanter of unspecified femur, initial encounter for closed fracture
S72.123B	Displaced fracture of lesser trochanter of unspecified femur, initial encounter for open fracture type I or II
S72.123C	Displaced fracture of lesser trochanter of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIC

S72.123G	Displaced fracture of lesser trochanter of unspecified femur, subsequent encounter for closed fracture with delayed healing
S72.123H	Displaced fracture of lesser trochanter of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing
S72.123J	Displaced fracture of lesser trochanter of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.123K	Displaced fracture of lesser trochanter of unspecified femur, subsequent encounter for closed fracture with nonunion
S72.123M	Displaced fracture of lesser trochanter of unspecified femur, subsequent encounter for open fracture type I or II with nonunion
S72.123N	Displaced fracture of lesser trochanter of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.123P	Displaced fracture of lesser trochanter of unspecified femur, subsequent encounter for closed fracture with malunion
S72.123Q	Displaced fracture of lesser trochanter of unspecified femur, subsequent encounter for open fracture type I or II with malunion
S72.123R	Displaced fracture of lesser trochanter of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.124A	Nondisplaced fracture of lesser trochanter of right femur, initial encounter for closed fracture
S72.124B	Nondisplaced fracture of lesser trochanter of right femur, initial encounter for open fracture type I or II
S72.124C	Nondisplaced fracture of lesser trochanter of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.124G	Nondisplaced fracture of lesser trochanter of right femur, subsequent encounter for closed fracture with delayed healing
S72.124H	Nondisplaced fracture of lesser trochanter of right femur, subsequent encounter for open fracture type I or II with delayed healing
S72.124J	Nondisplaced fracture of lesser trochanter of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.124K	Nondisplaced fracture of lesser trochanter of right femur, subsequent encounter for closed fracture with nonunion
S72.124M	Nondisplaced fracture of lesser trochanter of right femur, subsequent encounter for open fracture type I or II with nonunion

S72.124N	Nondisplaced fracture of lesser trochanter of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.124P	Nondisplaced fracture of lesser trochanter of right femur, subsequent encounter for closed fracture with malunion
S72.124Q	Nondisplaced fracture of lesser trochanter of right femur, subsequent encounter for open fracture type I or II with malunion
S72.124R	Nondisplaced fracture of lesser trochanter of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.125A	Nondisplaced fracture of lesser trochanter of left femur, initial encounter for closed fracture
S72.125B	Nondisplaced fracture of lesser trochanter of left femur, initial encounter for open fracture type I or II
S72.125C	Nondisplaced fracture of lesser trochanter of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.125G	Nondisplaced fracture of lesser trochanter of left femur, subsequent encounter for closed fracture with delayed healing
S72.125H	Nondisplaced fracture of lesser trochanter of left femur, subsequent encounter for open fracture type I or II with delayed healing
S72.125J	Nondisplaced fracture of lesser trochanter of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.125K	Nondisplaced fracture of lesser trochanter of left femur, subsequent encounter for closed fracture with nonunion
S72.125M	Nondisplaced fracture of lesser trochanter of left femur, subsequent encounter for open fracture type I or II with nonunion
S72.125N	Nondisplaced fracture of lesser trochanter of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.125P	Nondisplaced fracture of lesser trochanter of left femur, subsequent encounter for closed fracture with malunion
S72.125Q	Nondisplaced fracture of lesser trochanter of left femur, subsequent encounter for open fracture type I or II with malunion
S72.125R	Nondisplaced fracture of lesser trochanter of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.126A	Nondisplaced fracture of lesser trochanter of unspecified femur, initial encounter for closed fracture
S72.126B	Nondisplaced fracture of lesser trochanter of unspecified femur, initial encounter for open fracture type I or II
S72.126C	Nondisplaced fracture of lesser trochanter of unspecified

	femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.126G	Nondisplaced fracture of lesser trochanter of unspecified femur, subsequent encounter for closed fracture with delayed healing
S72.126H	Nondisplaced fracture of lesser trochanter of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing
S72.126J	Nondisplaced fracture of lesser trochanter of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.126K	Nondisplaced fracture of lesser trochanter of unspecified femur, subsequent encounter for closed fracture with nonunion
S72.126M	Nondisplaced fracture of lesser trochanter of unspecified femur, subsequent encounter for open fracture type I or II with nonunion
S72.126N	Nondisplaced fracture of lesser trochanter of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.126P	Nondisplaced fracture of lesser trochanter of unspecified femur, subsequent encounter for closed fracture with malunion
S72.126Q	Nondisplaced fracture of lesser trochanter of unspecified femur, subsequent encounter for open fracture type I or II with malunion
S72.126R	Nondisplaced fracture of lesser trochanter of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.131A	Displaced apophyseal fracture of right femur, initial encounter for closed fracture
S72.131B	Displaced apophyseal fracture of right femur, initial encounter for open fracture type I or II
S72.131C	Displaced apophyseal fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.131G	Displaced apophyseal fracture of right femur, subsequent encounter for closed fracture with delayed healing
S72.131H	Displaced apophyseal fracture of right femur, subsequent encounter for open fracture type I or II with delayed healing
S72.131J	Displaced apophyseal fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.131K	Displaced apophyseal fracture of right femur, subsequent encounter for closed fracture with nonunion
S72.131M	Displaced apophyseal fracture of right femur, subsequent encounter for open fracture type I or II with nonunion

S72.131N	Displaced apophyseal fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.131P	Displaced apophyseal fracture of right femur, subsequent encounter for closed fracture with malunion
S72.131Q	Displaced apophyseal fracture of right femur, subsequent encounter for open fracture type I or II with malunion
S72.131R	Displaced apophyseal fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.132A	Displaced apophyseal fracture of left femur, initial encounter for closed fracture
S72.132B	Displaced apophyseal fracture of left femur, initial encounter for open fracture type I or II
S72.132C	Displaced apophyseal fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.132G	Displaced apophyseal fracture of left femur, subsequent encounter for closed fracture with delayed healing
S72.132H	Displaced apophyseal fracture of left femur, subsequent encounter for open fracture type I or II with delayed healing
S72.132J	Displaced apophyseal fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.132K	Displaced apophyseal fracture of left femur, subsequent encounter for closed fracture with nonunion
S72.132M	Displaced apophyseal fracture of left femur, subsequent encounter for open fracture type I or II with nonunion
S72.132N	Displaced apophyseal fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.132P	Displaced apophyseal fracture of left femur, subsequent encounter for closed fracture with malunion
S72.132Q	Displaced apophyseal fracture of left femur, subsequent encounter for open fracture type I or II with malunion
S72.132R	Displaced apophyseal fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.133A	Displaced apophyseal fracture of unspecified femur, initial encounter for closed fracture
S72.133B	Displaced apophyseal fracture of unspecified femur, initial encounter for open fracture type I or II
S72.133C	Displaced apophyseal fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.133G	Displaced apophyseal fracture of unspecified femur, subsequent encounter for closed fracture with delayed healing

S72.133H	Displaced apophyseal fracture of unspecified femur, subsequent encounter for open fracture type I or II with delayed healing
S72.133J	Displaced apophyseal fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.133K	Displaced apophyseal fracture of unspecified femur, subsequent encounter for closed fracture with nonunion
S72.133M	Displaced apophyseal fracture of unspecified femur, subsequent encounter for open fracture type I or II with nonunion
S72.133N	Displaced apophyseal fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.133P	Displaced apophyseal fracture of unspecified femur, subsequent encounter for closed fracture with malunion
S72.133Q	Displaced apophyseal fracture of unspecified femur, subsequent encounter for open fracture type I or II with malunion
S72.133R	Displaced apophyseal fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.134A	Nondisplaced apophyseal fracture of right femur, initial encounter for closed fracture
S72.134B	Nondisplaced apophyseal fracture of right femur, initial encounter for open fracture type I or II
S72.134C	Nondisplaced apophyseal fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.134G	Nondisplaced apophyseal fracture of right femur, subsequent encounter for closed fracture with delayed healing
S72.134H	Nondisplaced apophyseal fracture of right femur, subsequent encounter for open fracture type I or II with delayed healing
S72.134J	Nondisplaced apophyseal fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.134K	Nondisplaced apophyseal fracture of right femur, subsequent encounter for closed fracture with nonunion
S72.134M	Nondisplaced apophyseal fracture of right femur, subsequent encounter for open fracture type I or II with nonunion
S72.134N	Nondisplaced apophyseal fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.134P	Nondisplaced apophyseal fracture of right femur, subsequent encounter for closed fracture with malunion

S72.134Q	Nondisplaced apophyseal fracture of right femur, subsequent encounter for open fracture type I or II with malunion
S72.134R	Nondisplaced apophyseal fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.135A	Nondisplaced apophyseal fracture of left femur, initial encounter for closed fracture
S72.135B	Nondisplaced apophyseal fracture of left femur, initial encounter for open fracture type I or II
S72.135C	Nondisplaced apophyseal fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.135G	Nondisplaced apophyseal fracture of left femur, subsequent encounter for closed fracture with delayed healing
S72.135H	Nondisplaced apophyseal fracture of left femur, subsequent encounter for open fracture type I or II with delayed healing
S72.135J	Nondisplaced apophyseal fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.135K	Nondisplaced apophyseal fracture of left femur, subsequent encounter for closed fracture with nonunion
S72.135M	Nondisplaced apophyseal fracture of left femur, subsequent encounter for open fracture type I or II with nonunion
S72.135N	Nondisplaced apophyseal fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.135P	Nondisplaced apophyseal fracture of left femur, subsequent encounter for closed fracture with malunion
S72.135Q	Nondisplaced apophyseal fracture of left femur, subsequent encounter for open fracture type I or II with malunion
S72.135R	Nondisplaced apophyseal fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.136A	Nondisplaced apophyseal fracture of unspecified femur, initial encounter for closed fracture
S72.136B	Nondisplaced apophyseal fracture of unspecified femur, initial encounter for open fracture type I or II
S72.136C	Nondisplaced apophyseal fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.136G	Nondisplaced apophyseal fracture of unspecified femur, subsequent encounter for closed fracture with delayed healing
S72.136H	Nondisplaced apophyseal fracture of unspecified femur,

	subsequent encounter for open fracture type I or II with delayed healing
S72.136J	Nondisplaced apophyseal fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.136K	Nondisplaced apophyseal fracture of unspecified femur, subsequent encounter for closed fracture with nonunion
S72.136M	Nondisplaced apophyseal fracture of unspecified femur, subsequent encounter for open fracture type I or II with nonunion
S72.136N	Nondisplaced apophyseal fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.136P	Nondisplaced apophyseal fracture of unspecified femur, subsequent encounter for closed fracture with malunion
S72.136Q	Nondisplaced apophyseal fracture of unspecified femur, subsequent encounter for open fracture type I or II with malunion
S72.136R	Nondisplaced apophyseal fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.141A	Displaced intertrochanteric fracture of right femur, initial encounter for closed fracture
S72.141B	Displaced intertrochanteric fracture of right femur, initial encounter for open fracture type I or II
S72.141C	Displaced intertrochanteric fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.141G	Displaced intertrochanteric fracture of right femur, subsequent encounter for closed fracture with delayed healing
S72.141H	Displaced intertrochanteric fracture of right femur, subsequent encounter for open fracture type I or II with delayed healing
S72.141J	Displaced intertrochanteric fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.141K	Displaced intertrochanteric fracture of right femur, subsequent encounter for closed fracture with nonunion
S72.141M	Displaced intertrochanteric fracture of right femur, subsequent encounter for open fracture type I or II with nonunion
S72.141N	Displaced intertrochanteric fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.141P	Displaced intertrochanteric fracture of right femur, subsequent encounter for closed fracture with malunion
S72.141Q	Displaced intertrochanteric fracture of right femur,

	subsequent encounter for open fracture type I or II with malunion
S72.141R	Displaced intertrochanteric fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.142A	Displaced intertrochanteric fracture of left femur, initial encounter for closed fracture
S72.142B	Displaced intertrochanteric fracture of left femur, initial encounter for open fracture type I or II
S72.142C	Displaced intertrochanteric fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.142G	Displaced intertrochanteric fracture of left femur, subsequent encounter for closed fracture with delayed healing
S72.142H	Displaced intertrochanteric fracture of left femur, subsequent encounter for open fracture type I or II with delayed healing
S72.142J	Displaced intertrochanteric fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.142K	Displaced intertrochanteric fracture of left femur, subsequent encounter for closed fracture with nonunion
S72.142M	Displaced intertrochanteric fracture of left femur, subsequent encounter for open fracture type I or II with nonunion
S72.142N	Displaced intertrochanteric fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.142P	Displaced intertrochanteric fracture of left femur, subsequent encounter for closed fracture with malunion
S72.142Q	Displaced intertrochanteric fracture of left femur, subsequent encounter for open fracture type I or II with malunion
S72.142R	Displaced intertrochanteric fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.143A	Displaced intertrochanteric fracture of unspecified femur, initial encounter for closed fracture
S72.143B	Displaced intertrochanteric fracture of unspecified femur, initial encounter for open fracture type I or II
S72.143C	Displaced intertrochanteric fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.143G	Displaced intertrochanteric fracture of unspecified femur, subsequent encounter for closed fracture with delayed healing
S72.143H	Displaced intertrochanteric fracture of unspecified femur, subsequent encounter for open fracture type I or II with

	delayed healing
S72.143J	Displaced intertrochanteric fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.143K	Displaced intertrochanteric fracture of unspecified femur, subsequent encounter for closed fracture with nonunion
S72.143M	Displaced intertrochanteric fracture of unspecified femur, subsequent encounter for open fracture type I or II with nonunion
S72.143N	Displaced intertrochanteric fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.143P	Displaced intertrochanteric fracture of unspecified femur, subsequent encounter for closed fracture with malunion
S72.143Q	Displaced intertrochanteric fracture of unspecified femur, subsequent encounter for open fracture type I or II with malunion
S72.143R	Displaced intertrochanteric fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.144A	Nondisplaced intertrochanteric fracture of right femur, initial encounter for closed fracture
S72.144B	Nondisplaced intertrochanteric fracture of right femur, initial encounter for open fracture type I or II
S72.144C	Nondisplaced intertrochanteric fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.144G	Nondisplaced intertrochanteric fracture of right femur, subsequent encounter for closed fracture with delayed healing
S72.144H	Nondisplaced intertrochanteric fracture of right femur, subsequent encounter for open fracture type I or II with delayed healing
S72.144J	Nondisplaced intertrochanteric fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.144K	Nondisplaced intertrochanteric fracture of right femur, subsequent encounter for closed fracture with nonunion
S72.144M	Nondisplaced intertrochanteric fracture of right femur, subsequent encounter for open fracture type I or II with nonunion
S72.144N	Nondisplaced intertrochanteric fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.144P	Nondisplaced intertrochanteric fracture of right femur, subsequent encounter for closed fracture with malunion
S72.144Q	Nondisplaced intertrochanteric fracture of right femur, subsequent encounter for open fracture type I or II with

	malunion
S72.144R	Nondisplaced intertrochanteric fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.145A	Nondisplaced intertrochanteric fracture of left femur, initial encounter for closed fracture
S72.145B	Nondisplaced intertrochanteric fracture of left femur, initial encounter for open fracture type I or II
S72.145C	Nondisplaced intertrochanteric fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.145G	Nondisplaced intertrochanteric fracture of left femur, subsequent encounter for closed fracture with delayed healing
S72.145H	Nondisplaced intertrochanteric fracture of left femur, subsequent encounter for open fracture type I or II with delayed healing
S72.145J	Nondisplaced intertrochanteric fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.145K	Nondisplaced intertrochanteric fracture of left femur, subsequent encounter for closed fracture with nonunion
S72.145M	Nondisplaced intertrochanteric fracture of left femur, subsequent encounter for open fracture type I or II with nonunion
S72.145N	Nondisplaced intertrochanteric fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.145P	Nondisplaced intertrochanteric fracture of left femur, subsequent encounter for closed fracture with malunion
S72.145Q	Nondisplaced intertrochanteric fracture of left femur, subsequent encounter for open fracture type I or II with malunion
S72.145R	Nondisplaced intertrochanteric fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.146A	Nondisplaced intertrochanteric fracture of unspecified femur, initial encounter for closed fracture
S72.146B	Nondisplaced intertrochanteric fracture of unspecified femur, initial encounter for open fracture type I or II
S72.146C	Nondisplaced intertrochanteric fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.146G	Nondisplaced intertrochanteric fracture of unspecified femur, subsequent encounter for closed fracture with delayed healing
S72.146H	Nondisplaced intertrochanteric fracture of unspecified femur, subsequent encounter for open fracture type I or II

	with delayed healing
S72.146J	Nondisplaced intertrochanteric fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.146K	Nondisplaced intertrochanteric fracture of unspecified femur, subsequent encounter for closed fracture with nonunion
S72.146M	Nondisplaced intertrochanteric fracture of unspecified femur, subsequent encounter for open fracture type I or II with nonunion
S72.146N	Nondisplaced intertrochanteric fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.146P	Nondisplaced intertrochanteric fracture of unspecified femur, subsequent encounter for closed fracture with malunion
S72.146Q	Nondisplaced intertrochanteric fracture of unspecified femur, subsequent encounter for open fracture type I or II with malunion
S72.146R	Nondisplaced intertrochanteric fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.21XA	Displaced subtrochanteric fracture of right femur, initial encounter for closed fracture
S72.21XB	Displaced subtrochanteric fracture of right femur, initial encounter for open fracture type I or II
S72.21XC	Displaced subtrochanteric fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.21XG	Displaced subtrochanteric fracture of right femur, subsequent encounter for closed fracture with delayed healing
S72.21XH	Displaced subtrochanteric fracture of right femur, subsequent encounter for open fracture type I or II with delayed healing
S72.21XJ	Displaced subtrochanteric fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.21XK	Displaced subtrochanteric fracture of right femur, subsequent encounter for closed fracture with nonunion
S72.21XM	Displaced subtrochanteric fracture of right femur, subsequent encounter for open fracture type I or II with nonunion
S72.21XN	Displaced subtrochanteric fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.21XP	Displaced subtrochanteric fracture of right femur, subsequent encounter for closed fracture with malunion

S72.21XQ	Displaced subtrochanteric fracture of right femur, subsequent encounter for open fracture type I or II with malunion
S72.21XR	Displaced subtrochanteric fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.22XA	Displaced subtrochanteric fracture of left femur, initial encounter for closed fracture
S72.22XB	Displaced subtrochanteric fracture of left femur, initial encounter for open fracture type I or II
S72.22XC	Displaced subtrochanteric fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.22XG	Displaced subtrochanteric fracture of left femur, subsequent encounter for closed fracture with delayed healing
S72.22XH	Displaced subtrochanteric fracture of left femur, subsequent encounter for open fracture type I or II with delayed healing
S72.22XJ	Displaced subtrochanteric fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.22XK	Displaced subtrochanteric fracture of left femur, subsequent encounter for closed fracture with nonunion
S72.22XM	Displaced subtrochanteric fracture of left femur, subsequent encounter for open fracture type I or II with nonunion
S72.22XN	Displaced subtrochanteric fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.22XP	Displaced subtrochanteric fracture of left femur, subsequent encounter for closed fracture with malunion
S72.22XQ	Displaced subtrochanteric fracture of left femur, subsequent encounter for open fracture type I or II with malunion
S72.22XR	Displaced subtrochanteric fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.23XA	Displaced subtrochanteric fracture of unspecified femur, initial encounter for closed fracture
S72.23XB	Displaced subtrochanteric fracture of unspecified femur, initial encounter for open fracture type I or II
S72.23XC	Displaced subtrochanteric fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.23XG	Displaced subtrochanteric fracture of unspecified femur, subsequent encounter for closed fracture with delayed healing
S72.23XH	Displaced subtrochanteric fracture of unspecified femur,

	subsequent encounter for open fracture type I or II with delayed healing
S72.23XJ	Displaced subtrochanteric fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.23XK	Displaced subtrochanteric fracture of unspecified femur, subsequent encounter for closed fracture with nonunion
S72.23XM	Displaced subtrochanteric fracture of unspecified femur, subsequent encounter for open fracture type I or II with nonunion
S72.23XN	Displaced subtrochanteric fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.23XP	Displaced subtrochanteric fracture of unspecified femur, subsequent encounter for closed fracture with malunion
S72.23XQ	Displaced subtrochanteric fracture of unspecified femur, subsequent encounter for open fracture type I or II with malunion
S72.23XR	Displaced subtrochanteric fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.24XA	Nondisplaced subtrochanteric fracture of right femur, initial encounter for closed fracture
S72.24XB	Nondisplaced subtrochanteric fracture of right femur, initial encounter for open fracture type I or II
S72.24XC	Nondisplaced subtrochanteric fracture of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.24XG	Nondisplaced subtrochanteric fracture of right femur, subsequent encounter for closed fracture with delayed healing
S72.24XH	Nondisplaced subtrochanteric fracture of right femur, subsequent encounter for open fracture type I or II with delayed healing
S72.24XJ	Nondisplaced subtrochanteric fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.24XK	Nondisplaced subtrochanteric fracture of right femur, subsequent encounter for closed fracture with nonunion
S72.24XM	Nondisplaced subtrochanteric fracture of right femur, subsequent encounter for open fracture type I or II with nonunion
S72.24XN	Nondisplaced subtrochanteric fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.24XP	Nondisplaced subtrochanteric fracture of right femur, subsequent encounter for closed fracture with malunion
S72.24XQ	Nondisplaced subtrochanteric fracture of right femur,

	subsequent encounter for open fracture type I or II with malunion
S72.24XR	Nondisplaced subtrochanteric fracture of right femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.25XA	Nondisplaced subtrochanteric fracture of left femur, initial encounter for closed fracture
S72.25XB	Nondisplaced subtrochanteric fracture of left femur, initial encounter for open fracture type I or II
S72.25XC	Nondisplaced subtrochanteric fracture of left femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.25XG	Nondisplaced subtrochanteric fracture of left femur, subsequent encounter for closed fracture with delayed healing
S72.25XH	Nondisplaced subtrochanteric fracture of left femur, subsequent encounter for open fracture type I or II with delayed healing
S72.25XJ	Nondisplaced subtrochanteric fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.25XK	Nondisplaced subtrochanteric fracture of left femur, subsequent encounter for closed fracture with nonunion
S72.25XM	Nondisplaced subtrochanteric fracture of left femur, subsequent encounter for open fracture type I or II with nonunion
S72.25XN	Nondisplaced subtrochanteric fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.25XP	Nondisplaced subtrochanteric fracture of left femur, subsequent encounter for closed fracture with malunion
S72.25XQ	Nondisplaced subtrochanteric fracture of left femur, subsequent encounter for open fracture type I or II with malunion
S72.25XR	Nondisplaced subtrochanteric fracture of left femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
S72.26XA	Nondisplaced subtrochanteric fracture of unspecified femur, initial encounter for closed fracture
S72.26XB	Nondisplaced subtrochanteric fracture of unspecified femur, initial encounter for open fracture type I or II
S72.26XC	Nondisplaced subtrochanteric fracture of unspecified femur, initial encounter for open fracture type IIIA, IIIB, or IIIC
S72.26XG	Nondisplaced subtrochanteric fracture of unspecified femur, subsequent encounter for closed fracture with delayed healing
S72.26XH	Nondisplaced subtrochanteric fracture of unspecified

	femur, subsequent encounter for open fracture type I or II with delayed healing
S72.26XJ	Nondisplaced subtrochanteric fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
S72.26XK	Nondisplaced subtrochanteric fracture of unspecified femur, subsequent encounter for closed fracture with nonunion
S72.26XM	Nondisplaced subtrochanteric fracture of unspecified femur, subsequent encounter for open fracture type I or II with nonunion
S72.26XN	Nondisplaced subtrochanteric fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
S72.26XP	Nondisplaced subtrochanteric fracture of unspecified femur, subsequent encounter for closed fracture with malunion
S72.26XQ	Nondisplaced subtrochanteric fracture of unspecified femur, subsequent encounter for open fracture type I or II with malunion
S72.26XR	Nondisplaced subtrochanteric fracture of unspecified femur, subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion

AIS Codes for Hip Fracture

853111.3	prox femur NFS
853111	prox femur NFS
853112.3	prox femur, open NFS
853112	prox femur, open NFS
851810.3	trochanteric 98
851810	trochanteric 98
853151.3	trochanteric
853151	trochanteric
853152.3	trochanteric, open
853152	trochanteric, open
851812.3	femoral neck 98
851812	femoral neck 98
853161.3	femoral neck
853161	femoral neck
853162.3	femoral neck, open
853162	femoral neck, open
851818.3	sub-trochanteric 98
851818	sub-trochanteric 98
853171.3	femoral head
853171	femoral head
853172.3	femoral head, open
853172	femoral head, open

