

Supplemental Table 1. Fracture Case Definitions¹

Number of Dx Codes & Data Source	Sex	Dx Codes	MR vs. Any Dx	Procedure Codes	Washout Period (months)^a
Hip					
1 H	F	<i>ICD-9-CM: 820</i> <i>ICD-10: S72.0-S72.2</i>	MR	91.04, 91.14, 91.34, 91.44, 93.5, 93.6	12
1 H	M	<i>ICD-9-CM: 820</i> <i>ICD-10: S72.0-S72.2</i>	Any	91.04, 91.14, 91.34, 91.44, 93.5, 93.6	12
Wrist					
1 H or 1 P	Both	<i>ICD-9-CM: 813</i> <i>ICD-10: S52</i>	Any	91.01, 91.31, 93.87, 07.53H, 07.53B	12
Vertebrae					
1 H or 1 P	Both	<i>ICD-9-CM: 805</i> <i>ICD-10: S22.0, S22.1, S32.0</i>	Any	Not used	12

Abbreviations: Dx, diagnosis; F, female; M, male; H, hospital record; P, physician billing claim; MR, most responsible or primary diagnosis in hospital record

^aIndicates fracture-free period prior to outcome of interest

¹ Lix LM, Azimaee M, Acan Osman B, Caetano P, Morin S, Metge C, Goltzman D, Kreiger N, Prior J, Leslie WD: Osteoporosis-related fracture case definitions for population-based administrative data. *BMC Public Health* 12: 1–10, 2012