**Appendix 1.** Identification of above-knee amputation after PJI of the knee

ICD-9-CM Diagnosis Codes

PJI: 996.60, 996.66, 996.67, 996.69

Malignancy: 170.7, 170.8, 171.3, 195.5

Trauma: 897.2, 897.3, 897.4, 897.5, 897.6, 897.7

ICD-9-CM Procedure Codes

Procedures involving knee prosthesis: 00.80, 00.81, 00.82, 00.83, 00.84, 78.66, 78.67, 84.56, 84.57

Above Knee Amputation: 84.17

National Inpatient Sample 2010-2014

(n = 35 million)

↓

Periprosthetic Joint Infection (n = 97,616)

↓

Limit to Knee-specific Procedures (n = 32,948)

Excluded Cases of

Malignancy (n = 2)

Trauma (n = 39)

↓→

PJI Related to the Knee (n = 32,907)

↓

Above-knee Amputation (International Classification of Diseases 84.17)

(n = 912)