**Supplemental Table 2.** Primary diagnosis of patellofemoral arthroplasty procedures by country and registry

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Primary diagnosis | Australia | New Zealand | Canada | Kaiser Permanente | Finland | Norway | Sweden | Netherlands |
| Percentage(n = 3282) | Percentage(n = 509) | Percentage(n = 431) | Percentage(n = 419) | Percentage(n = 76) | Percentage(n = 386)  | Percentage(n = 516) | Percentage(n = 1207) |
| Osteoarthritis | 99 (3247) | 86 (437) | 94 (406) | 95 (396) | 68 (52) | 62 (241) | 96 (497) | 95 (1143) |
| Other inflammatory arthritis | 0.5 (16) | 0.2 (1) |    | 0.5 (2) |  |  | 0.4 (2) | 0.2 (2) |
| Rheumatoid arthritis | 0.2 (7) | 1 (5) |   | 0.2 (1) | 3 (2) | 0.8 (3) | 0.6 (3) |  |
| Fracture | 0.1 (2) | 2 (8) |   | 3 (12) |  | 12 (46) | 2 (11) | 3 (33) |
| Osteonecrosis | 0.1 (2) |  |   | 0.2 (1) |  |  |   |  |
| Instability/dysplasia |  |  |   |  |  | 22 (83) |  |  |
| Other | 0.2 (8) | 11 (58) | 6 (25) | 2 (7) | 29 (22) | 3 (13) | 0.6 (3) | 2.4 (29) |

Excludes one procedure from Sweden, 57 from Norway and 21 procedures from the Netherlands with missing primary diagnoses.

In New Zealand and Norway more than one primary diagnosis may be provided for a procedure.