

Appendix

TABLE E-1 Diagnoses for MAR of Primary TKR

| Diagnosis | Revisions* | Percentage of Primary TKRs† |
|--------------------------------|---------------|-----------------------------|
| Loosening/lysis | 3,822 (64.0%) | 0.8% |
| Instability | 492 (8.2%) | 0.1% |
| Pain | 369 (6.2%) | 0.1% |
| Malalignment | 336 (5.6%) | 0.1% |
| Metal-related pathology | 277 (4.6%) | 0.1% |
| Arthrofibrosis | 273 (4.6%) | 0.1% |
| Incorrect sizing | 108 (1.8%) | <0.1% |
| Prosthesis dislocation | 50 (0.8%) | <0.1% |
| Implant breakage–tibial | 42 (0.7%) | <0.1% |
| Osteonecrosis | 33 (0.6%) | <0.1% |
| Synovitis | 22 (0.4%) | <0.1% |
| Wear–tibial insert | 22 (0.4%) | <0.1% |
| Implant breakage–femoral | 21 (0.4%) | <0.1% |
| Patellar maltracking | 10 (0.2%) | <0.1% |
| Tumor | 9 (0.2%) | <0.1% |
| Implant breakage–patella | 8 (0.1%) | <0.1% |
| Implant breakage–tibial insert | 8 (0.1%) | <0.1% |
| Bearing dislocation | 7 (0.1%) | <0.1% |
| Wear–tibial | 7 (0.1%) | <0.1% |
| Patellofemoral pain | 6 (0.1%) | <0.1% |
| Patellar erosion | 5 (0.1%) | <0.1% |
| Wear–femoral | 3 (0.1%) | <0.1% |
| Wear–patellar | 2 (<0.1%) | <0.1% |
| Incorrect side | 1 (<0.1%) | <0.1% |
| Patellar dislocation | 1 (<0.1%) | <0.1% |
| Other | 39 (0.7%) | <0.1% |
| Total | 5,973 (100%) | 1.2% |

*Data are given as the number of revisions for each diagnosis, with the percentage of the total number of revisions in parentheses. †Data are given as the percentage of all primary TKRs (n = 478,081) that were subsequently revised for each diagnosis; all primary TKRs were performed for the diagnosis of osteoarthritis.