

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.