

TABLE E-1 Hierarchy of Revision Used To Determine Primary Reason for Revision Where More Than One Reason for Revision Was Recorded*

Hierarchy	Reason for Revision	Category
1	Tumor	Dominant diagnosis independent of prosthesis
2	Infection	Dominant diagnosis independent of prosthesis
3	Incorrect side or sizing of component	Related to surgical procedure
4	Malalignment	Related to surgical procedure
5	Metal sensitivity	Reaction to prosthesis
6	Loosening/lysis	Reaction to prosthesis
7	Component dissociation	Wear and implant breakage
8	Component wear/polyethylene wear	Wear and implant breakage
9	Implant breakage	Wear and implant breakage
10	Dislocation/instability	Stability of prosthesis/ knee
11	Fracture of bone	Fracture of bone
12	Progression of arthritis/disease	Progression of disease in non-operated part of joint
13	Synovitis	New disease occurring in association with prosthesis
14	Arthrofibrosis/stiffness	New disease occurring in association with prosthesis
15	Osteonecrosis/avascular necrosis	New disease occurring in association with prosthesis
16	Heterotopic bone	New disease occurring in association with prosthesis
17	Unexplained pain	Pain
18	Other (if not listed above)	Remaining diagnoses
19	No reason stated	

*Adapted from Australian National Register¹⁶.