

## Supplementary data

Table 1. Module 1: Volume

Unit	Type of surgery	Type of prosthesis	Type of implant	Item
All units	All Primary Revision	All Total Hemi-	All Head Cup Liner Stem Plug Dual mobility liner	All catalogue numbers

Table 4. Module 4: Market share

Region	Type of prosthesis	Type of implant	Fixation
All regions	All Total Hemi-	All Head Cup Liner Stem Plug Dual mobility liner	All Non-cemented Cemented Hybrid Reverse hybrid Resurfacing Not specified

Table 2. Module 2: Revision

Type of surgery	Type of prosthesis	Type of revision	Type of implant	Item	Cause for revision
Primary Revision	Total Hemi-	All 1st-time revisions 1st stem revision 1st cup revision 1st revision of other kind	All Head Cup Liner Stem Plug Dual mobility liner	All catalog numbers	All Aseptic loosening Deep infection Dislocation All aseptic causes

Table 3. Module 3: Implant survival

Diagnosis	Type of prosthesis	Stem	Cup	Type of revision	Cause	Calculation method
All Primary osteoarthritis Inflammatory joint disease Acute trauma, hip fracture Sequelae childhood hip disease All aseptic causes Femoral head necrosis Sequelae trauma/fracture Tumor Other secondary osteoarthritis Acute trauma, other Other	Total Hemi-	Company stems Other manufacturer	Company cups Other manufacturer	All 1st-time revisions 1st stem revision 1st cup revision 1st revision of other kind	All Aseptic loosening Periprosthetic infection Dislocation	Kaplan–Meier Cumulative incidence