

Supplementary data

Table 3. Kaplan–Meier survivals for VEPE group and reference group in primary THA with revision for any reason as the endpoint at different time points

Implant type	Total n	Revisions n	1-year K–M survival at risk (%) (95% CI)	3-year K–M survival at risk (%) (95% CI)	5-year K–M survival at risk (%) (95% CI)	7-year K–M survival at risk (%) (95% CI)
VEPE group	2,723	152	2,567 96.5 (95.7–97.1)	2,296 95.1 (94.2–95.8)	1,481 94.3 (93.4–95.2)	482 94.0 (92.9–94.9)
Reference group	2,707	359	2,581 97.1 (96.4–97.6)	2,357 95.5 (94.7–96.2)	2,169 94.4 (93.4–95.2)	2,032 93.0 (91.9–93.9)

Table 5. Kaplan–Meier survivals for VEPE group and reference group in primary THA with revision for loosening of the cup, osteolysis of the cup, wearing out of the liner (and other reason before May 15, 2014) at different time points

Implant type	Total n	Revisions n	1-year K–M survival at risk (%) (95% CI)	3-year K–M survival at risk (%) (95% CI)	5-year K–M survival at risk (%) (95% CI)	7-year K–M survival at risk (%) (95% CI)
VEPE group	2,723	24	2,567 99.5 (99.1–99.7)	2,296 99.1 (98.7–99.4)	1,481 99.1 (98.6–99.4)	482 99.1 (98.6–99.4)
Reference group	2,707	89	2,581 99.7 (99.4–99.9)	2,357 99.6 (99.2–99.8)	2,169 99.5 (99.1–99.7)	2,032 99.2 (98.7–99.5)