Supplementary data

Table A. For Norwegian data the proportional hazards assumption was not valid when comparing non-keeled mobile bearing with fixed bearing. Consequently, the risk estimates of aseptic loosening were calculated for various time periods

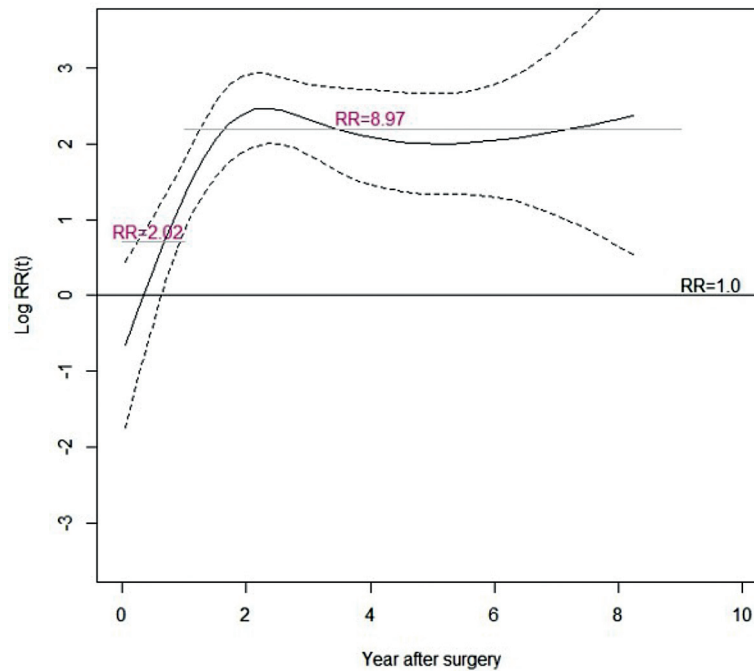| Time after operation	Relative risk estimate (95%CI)
0–3 months	0.5 (0.1–2.5)
3–12 months	2.8 (1.4–5.4)
0–12 months	2.0 (1.1–3.6)
0–2 years	4.0 (2.6–6.1)
0–3 years	5.2 (3.6–7.5)
0–10 years	6.2 (4.5–8.4)
1–10 years	9.0 (6.1–13.3)
2–10 years	9.7 (6.0–15.6)
3–10 years	9.2 (5.0–16.9)

Figure A. The graph shows relative risk estimates of aseptic loosening calculated by the Cox regression method, during years 0–10 after surgery, comparing non-keeled mobile-bearing with fixed-bearing TKRs in Norway. The hazards are not proportional during the entire time period. The first 3 months have a negative RR, and a lower risk for the mobile bearing TKRs (than for the fixed TKRs). However, only 9 revisions are registered during these 3 months, hence the corresponding RR is not reliable due to low numbers.