

Supplementary article data

Trabecular metal tibias still stable at 10 years

An RSA study of 33 patients less than 60 years of age

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Table 3. Median differences and 95% CI of migration at 10 years between trabecular metal (TM) and NexGen cemented (NG) tibial components with postoperative examination as reference. In patients who were operated bilaterally, only the first-operated knee was included

	NG – TM at 10 years		p-value ^b
	Median difference	95% CI ^a	
X-axis rotation	-0.19	-0.37 to -0.03	0.02
Y-axis rotation	-0.28	-0.56 to -0.10	0.002
Z-axis rotation	-0.11	-0.33 to 0.04	0.2
MTPM	-0.55	-0.94 to -0.24	0.02
Maximum lift-off	0.13	0.03 to 0.20	0.05
Maximum subsidence	-0.55	-1.14 to -0.25	0.007

^a 95% confidence interval for median difference.

^b Mann-Whitney U-test.

Table 6. Mean migration rate (MTPM) expressed in mm/year, using the postoperative examination as reference

Migration rate	Trabecular metal		NexGen cemented		p-value ^a
	Mean	95% CI	Mean	95% CI	
0–3 months	4.5	3.1 to 6.0	1.7	0.67 to 2.7	< 0.001
3–12 months	0.03	-0.05 to 0.10	-0.06	-0.26 to 0.13	0.6
12–24 months	0.04	-0.02 to 0.11	-0.02	-0.09 to 0.04	0.1
3–24 months	0.05	-0.02 to 0.11	-0.06	-0.22 to 0.10	0.4

^a Mann-Whitney U-test.

Table 7. Clinical findings in the 2 groups at 10-year follow-up

Knee Society score at 10 years	Trabecular metal (TM)		NexGen cemented (NG)		Median difference (NG – TM)	95% CI for median difference	p-value ^a
	Median	Range	Median	Range			
Knee score, max. 100	90	60–99	94	87–99	4	-1 to 8	0.1
Pain score, max. 50	50	20–50	50	45–50	0	0 to 0	0.3
Function score, max. 100	95	60–100	100	60–100	0	0 to 20	0.3

^a Mann-Whitney U-test.