

Supplementary article data

Trabecular metal tibia still stable at 5 years

An RSA study of 36 patients aged less than 60 years

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Table 5. Median differences and 95% CI for migration between Trabecular metal (TM) and NexGen cemented (NG) tibial components with 3-month examination as reference. In patients operated bilaterally, only the first-operated knee was included

	NG – TM at 24 months			NG – TM at 5 years		
	median difference	95% CI ^a	p-value ^b	median difference	95% CI ^a	p-value ^b
X-rotation	–0.06	–0.19 to 0.00	0.05	–0.06	–0.19 to 0.03	0.3
Y-rotation	–0.02	–0.09 to 0.04	0.5	0.00	–0.10 to 0.08	1
Z-rotation	–0.02	–0.11 to 0.05	0.5	0.03	–0.07 to 0.14	0.7
MTPM	–0.03	–0.13 to 0.07	0.4	0.00	–0.10 to 0.16	1
Max. lift-off	–0.03	–0.10 to 0.04	0.5	0.01	–0.08 to 0.13	0.7
Max subsidence	–0.04	–0.10 to 0.03	0.3	0.01	–0.08 to 0.06	0.7

^a 95% confidence interval of median difference
^b Mann-Whitney U test.

Table 6. Clinical findings in the 2 groups at follow-up

Knee Society score	Trabecular metal (TM)		NexGen cemented (NG)		Median difference (NG – TM)	95% CI of median difference
	Median	Range	Median	Range		
Knee score, max. 100						
24 months	86.5	55–94	92	65–100	5	–1–11
5 years	88.5	62–99	90.5	76–100	5	–1–9
Pain score, max 50						
24 months	47.5	30–50	50	20–50	0	0–5
5 years	50	20–50	50	30–50	0	0–5
Function score, max 100						
24 months	90	60–100	100	80–100	10	0–10
5 years	90	70–100	100	80–100	10	0–10