Comparison of Postoperative Tibial Component Migration in Total Knee Arthroplasty (TKA) Implants

TKA implants can loosen as a result of malalignment...



...which can be predicted by migration as measured with radiostereometric analysis (RSA)

Previous RSA studies



Have had small sample size and have been limited to cemented implants



Have shown contradictory results

		Se
Variable		
Alignment using hip-knee-ankle angleFixation • Cement • Unceme • Unceme		
Time of migration measurement	In-range	
(in months)	Mean migration (mm)	
3	0.73	[0.
12	0.92	[0
24	0.97	[0
CI: confi		
While postoper two years after		

The Influence of Postoperative Coronal Alignment on Tibial Migration After Total Knee Arthroplasty in Preoperative Varus and Valgus Knees: A Secondary Analysis of 10 Randomized Controlled Trials **Using Radiostereometric Analysis**

Hasan et al. (2021) | DOI: 10.2106/JBJS.20.01659

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