

Australian Registry Results 2019

The Australian Orthopaedic Association National Joint Replacement Registry Annual Report has been published. It contains clinical results of various primary total conventional hip replacements.

Summary of the NANOS data

- Lowest revision rate at 5 years in the category of Mini Stems with 1.2%
- 668 reported procedures

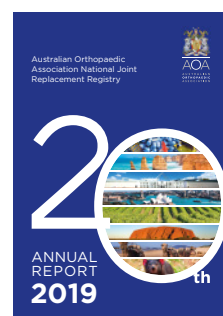


Table HT25 Cumulative Percent Revision of Primary Total Conventional Hip Replacement using a Mini Stem by Femoral Component (Primary Diagnosis OA)

Femoral Component	N Revised	N Total	1 Yr	3 Yrs	5 Yrs	10 Yrs	15 Yrs	18 Yrs
C.F.P.*	10	124	4.0 (1.7, 9.4)	4.0 (1.7, 9.4)	4.9 (2.2, 10.5)	7.7 (4.0, 14.2)	8.7 (4.8, 15.7)	
Mallory-Head	6	121	2.5 (0.8, 7.5)	5.2 (2.4, 11.3)	5.2 (2.4, 11.3)			
Mayo*	7	96	2.1 (0.5, 8.1)	4.2 (1.6, 10.8)	4.2 (1.6, 10.8)	6.7 (3.1, 14.4)		
Metha	5	109	2.8 (0.9, 8.3)	4.6 (2.0, 10.7)	4.6 (2.0, 10.7)			
MiniHip	34	1013	2.6 (1.8, 3.8)	3.0 (2.1, 4.3)	4.1 (2.9, 5.9)			
Nanos	9	668	0.9 (0.4, 2.0)	1.2 (0.6, 2.4)	1.2 (0.6, 2.4)			
Optimys	10	1053	0.6 (0.3, 1.3)	1.3 (0.7, 2.6)				
Silent*	3	50	4.0 (1.0, 15.1)	6.0 (2.0, 17.5)	6.0 (2.0, 17.5)			
Taperloc Microplasty	21	1436	1.4 (0.9, 2.2)	1.6 (1.0, 2.5)	1.9 (1.2, 3.3)			
Other (2)	3	19	5.3 (0.8, 31.9)	5.3 (0.8, 31.9)	5.3 (0.8, 31.9)	28.9 (9.7, 68.2)		
TOTAL	108	4689						

Note: All procedures using metal/metal prostheses have been excluded

* denotes mini stem with no recorded use in total primary conventional hip replacement in 2018

Only prostheses with over 50 procedures have been listed

NANOS[◊]/R3[◊] – One of the best performing cementless hip combinations in the Australian registry according to the 5-year results published in the 2019 report.¹

Registries are a useful tool to help surgeons select prostheses that have been shown to have proven clinical results. We at Smith+Nephew hope that you find this information helpful in determining the best prostheses for you and your patients.

For more information on NANOS please contact your local Smith+Nephew representative.

Data has been sourced from the Australian Orthopaedic Association National Joint Replacement Registry (AOANJRR). Hip, Knee & Shoulder Arthroplasty: 2019 Annual Report. Adelaide: AOA, 2019. Tables have been reproduced in exact and complete form.

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References

1. Australian Orthopaedic Association National Joint Replacement Registry (AOANJRR). Hip, Knee & Shoulder Arthroplasty: 2019 Annual Report. Adelaide: AOA, 2019.