



Tornier Perform[®] Anatomic Glenoid



Survivorship of 880 Tornier Perform Anatomic Glenoids up to 6 years

(AOANJRR AIRS Report #2135)²

- **18/880 (2.0%)** revised over **3,087** observation years (0.58 revisions/100 obs. yrs)
- Mean follow up: **3.51** years
- Note: data on this page for Tornier Perform Anatomic Glenoid does not include Tornier Simpliciti implants

880 Tornier Perform TSA stemmed cases from 2012 to 2020 (AOANJRR AIRS Report #2135)²



40.2%

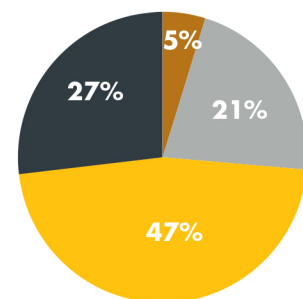
Male
Mean age: 67.5 yrs



59.8%

Female
Mean age: 70.1 yrs

Age distribution



■ < 55 ■ 55 - 64 ■ 65 - 74 ■ 75 +

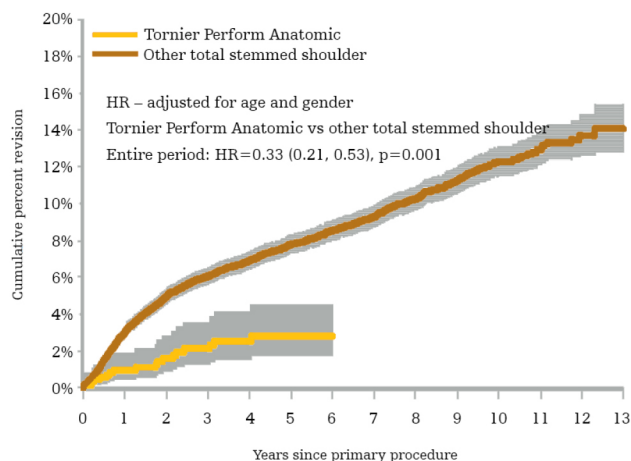
Diagnoses:

- Osteoarthritis – **95.5%**
- Rheumatoid arthritis – **1.8%**
- Osteonecrosis – **1.3%**
- Fracture – **0.3%**
- Other inflammatory arthritis – **0.5%**
- Rotator cuff arthropathy – **0.2%**
- Instability – **0.5%**

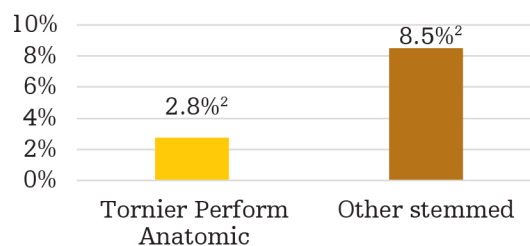
Yearly cumulative percent revision of primary total stemmed shoulder replacement by model (all diagnoses)²

CPR	1 Yr	2 Yrs	3 Yrs	4 Yrs	5 Yrs	6 Yrs
Tornier Perform Anatomic	1.0 (0.5, 1.9)	1.6 (0.9, 2.8)	2.1 (1.3, 3.5)	2.5 (1.6, 4.1)	2.8 (1.7, 4.5)	2.8 (1.7, 4.5)
Other total stemmed shoulder	3.0 (2.7, 3.3)	4.9 (4.6, 5.3)	6.1 (5.7, 6.5)	6.9 (6.5, 7.4)	7.8 (7.3, 8.3)	8.5 (8.0, 9.1)

Cumulative percent revision of primary total stemmed shoulder replacement by model (all diagnoses)



Revision rates: Tornier Perform Anatomic Glenoid at six years vs. all other total stemmed shoulders



- **0.2%** revised due to instability/dislocation (other total stemmed shoulder – **1.9%**)²
- **0.5%** revised due to loosening (other total stemmed shoulder – **1.3%**)²

Number at risk	0 Yr	1 Yr	2 Yrs	3 Yrs	4 Yrs	5 Yrs	6 Yrs	7 Yrs	8 Yrs	9 Yrs	10 Yrs	11 Yrs	12 Yrs	13 Yrs	14 Yrs
Tornier Perform Anatomic	880	734	566	481	396	324	121	20	0	0	0	0	0	0	0
Other total stemmed shoulder	13335	12317	11263	10088	8850	7489	6286	5079	3893	2801	1811	1006	375	64	3

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Tornier Simpliciti[®] Shoulder System

Survivorship of 502 Tornier Simpliciti cases up to 7 years (AOANJRR AIRS Report #2978)¹

- **6/502 (1.2%)** revised over **1,522** observation years (0.39 revisions/100 obs. yrs)
- Mean follow up: **3.03 years**

502 Tornier Simpliciti cases from 2011 to 2020 (AOANJRR AIRS Report #2978)¹

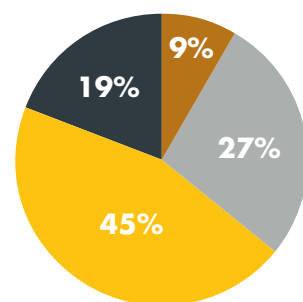


48.2%
Male
Mean age: **65.9 yrs**



51.8%
Female
Mean age: **67.9 yrs**

Age distribution



■ < 55 ■ 55 - 64 ■ 65 - 74 ■ 75+

Diagnoses:

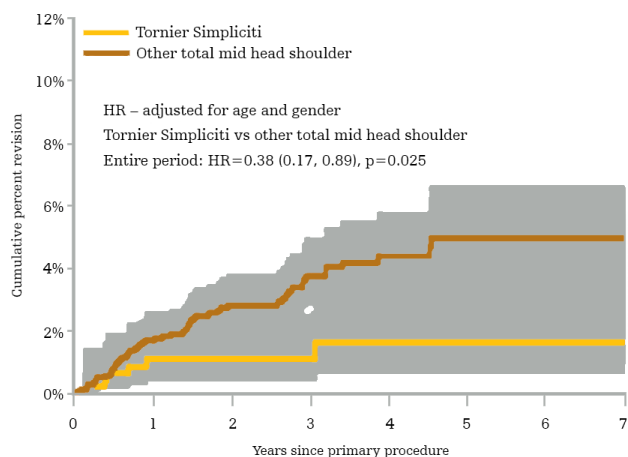
- Osteoarthritis – **96.4%**
- Osteonecrosis – **1.2%**
- Rheumatoid arthritis – **1.0%**
- Other inflammatory arthritis – **0.2%**
- Instability – **1.2%**



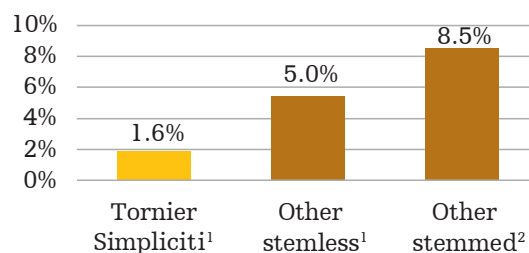
Yearly cumulative percent revision of primary total mid head shoulder replacement by model (all diagnoses)

CPR	1 Yr	2 Yrs	3 Yrs	4 Yrs	5 Yrs	6 Yrs	7 Yrs
Tornier Simpliciti	1.1 (0.5, 2.6)	1.1 (0.5, 2.6)	1.1 (0.5, 2.6)	1.6 (0.7, 3.8)	1.6 (0.7, 3.8)	1.6 (0.7, 3.8)	1.6 (0.7, 3.8)
Other total mid head shoulder	1.7 (1.2, 2.4)	2.8 (2.1, 3.8)	3.7 (2.8, 4.9)	4.4 (3.3, 5.8)	5.0 (3.7, 6.6)	5.0 (3.7, 6.6)	5.0 (3.7, 6.6)

Cumulative percent revision of primary total mid head shoulder replacement by model (all diagnoses)



Revision rates: Tornier Simpliciti at seven years vs. other prostheses



- **0.4%** revised due to instability/dislocation¹
- **0.2%** revised due to loosening¹

Number at risk	0 Yr	1 Yr	2 Yrs	3 Yrs	4 Yrs	5 Yrs	6 Yrs	7 Yrs	8 Yrs	9 Yrs	10 Yrs	11 Yrs
Tornier Simpliciti	502	391	279	192	132	124	92	40	12	0	0	0
Other total mid head shoulder	1860	1501	1106	756	442	234	137	78	33	3	1	1

Tornier Simpliciti used with Tornier Perform Anatomic Glenoid had a revision rate of 0.59%¹

¹Australian Orthopaedic Association National Joint Replacement Registry (AOANJRR), Automated Industry Report System (AIRS), ID No. 2978 for Wright Medical Australia, Simpliciti Total Mid Head Shoulder, (Procedures from 16 April 2004 - 28 August 2020), Accessed 29 August 2020, AOA, Adelaide: 1-16.

²Australian Orthopaedic Association National Joint Replacement Registry (AOANJRR), Automated Industry Report System (AIRS), ID No. 2135 for Wright Medical Australia, PerFORM Total Stemmed Shoulder, (Procedures from 16 April 2004 - 20 February 2020), Accessed 22 February 2020, AOA, Adelaide: 1-17.

Disclaimer – The AOANJRR has taken every care to ensure that the data supplied are accurate but does not warrant that the data are error free and does not accept any liability for errors or omissions in the data.