

MICHIGAN ARTHROPLASTY REGISTRY COLLABORATIVE QUALITY INITIATIVE (MARCQI)¹

Background

- State of Michigan, registry started in 2012, N=61 hospitals (N=69,944 hips and 129,982 knees)
- Quality Initiative: Collaborative meetings with members (3-4 meetings per year)
- PROMs collected: PROMIS-10, HOOS JR, KOOS JR within a standard timeline

Data from the MARCQI 2012-2017 Report indicates implant survivorship for the ATTUNE® Knee is consistent with the class of primary TKA.¹

- The ATTUNE Knee has been implanted by 68 surgeons at 30 centers
- 60.6% women, Mean Age=65.7, mean BMI=33.7

	N	Cumulative Percent Revision Rate Estimates (95% Confidence Intervals)		
		1 yr	2 yrs	3 yrs
ATTUNE® Knee	6,356	0.74 (0.55,1.01)	1.61 (1.28,2.02)	2.50 (1.99,3.15)
Class of TKA	108,486	0.91 (0.85,0.97)	1.77 (1.68,1.86)	2.36 (2.24,2.47)

1. Hughes RE, Hallstrom BR, Zheng H, Kabara J, Cowen M, Igrisan R, Richmond A. (2018) Michigan Arthroplasty Registry Collaborative Quality Initiative (MARCQI) Report: 2012-2017. University of Michigan, Ann Arbor.

The third party trademarks used herein are the trademarks of their respective owners.
© DePuy Synthes 2018. All rights reserved. 089874-181116 DSUS/EM



The ATTUNE Knee System performs in line with the class of TKA at three years follow-up in this registry.

MARCQI set a short-term goal to record 50% of all THA and TKA with at least pre-operative and initial post-operative surveys.

The Patient-Reported Outcomes Measurement Information System (PROMIS-10), is collected, in addition to the appropriate Hip or Knee score (Hip, Knee, disability and Osteoarthritis Outcomes Score for Joint Replacement (HOOS, JR., KOOS JR.)

MARCQI plans to record PROMs at follow-up clinical visits between two and five years post-operatively.