

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.