

MICHIGAN ARTHROPLASTY REGISTRY COLLABORATIVE QUALITY INITIATIVE (MARCQI)¹

Background

- State of Michigan, registry started in 2012, N=61 hospitals, 95% of hip & knee arthroplasties in the state are captured (N=141,822 hips & 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 2012-2016 Report indicates implant survivorship for the ATTUNE[®] Knee is consistent with the class of primary TKA.¹

- The ATTUNE Knee has been implanted by 64 surgeons at 29 centers
- 60.8% women, Mean Age=65.6, mean BMI=33.7

	N	Cumulative Percent Revision Rate Estimates (95% Confidence Intervals)		
		1 yr	2 yrs	3 yrs
ATTUNE [®] Knee	4870	0.68 (0.47,1.01)	1.72 (1.26,2.34)	2.42 (1.60,3.66)
Class of TKA	82816	0.93 (0.86,1.00)	1.82 (1.71,1.94)	2.41 (2.27,2.56)

1. Hughes RE, Hallstrom BR, Zheng H, Kabara J, Cowen M, Igrisan R, Richmond A. (2017) Michigan Arthroplasty Registry Collaborative Quality Initiative (MARQUI) Report: 2012-2016. University of Michigan, Ann Arbor.