

Harris Lab 2017 Publications

1. Nielsen CS, Nebergall A, Huddleston J, Kallemose T, Malchau H, Troelsen A. Medial Overhang of the Tibial Component is associated with higher risk of inferior KOOS pain score after knee replacement. *J Arthroplasty*. 2017; Dec 28([Epub ahead of print]) [[Science Direct](#)].
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3. Varadarajan KM, Oral E, Muratoglu OK, Freiberg AA. "Why all tibial polyethylene bearings are not the same". *Techniques in Orthopaedics*. *Techniques in Orthopaedics*. 2018; 33(1):17-24.
4. Laaksonen I, Lorimer M, Gromov K, Rolfson O, Mäkelä KT, Graves SE, Malchau H, Mohaddes M. Does the Risk of Rerevision Vary Between Porous Tantalum Cups and Other Cementless Designs After Revision Hip Arthroplasty? *Clin Orthop Relat Res*. 2017 Dec;475(12):3015-3022.
5. Gul RM, Fung K, Doshi BN, Oral E, Muratoglu OK. Surface Cross-Linked UHMWPE Using Peroxides. *J Orthop Res*. 2017 Nov;35(11):2551-2556.
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7. Chen W, Bichara DA, Suhardi J, Sheng P, Muratoglu OK. Effects of Vitamin E-diffused Highly Cross-Linked UHMWPE Particles on Inflammation, Apoptosis and Immune Response Against *S. Aureus*. *Biomaterials*. 2017 Oct;143:46-56.
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11. Senthil-Kumar P, Ng-Glazier JH, Randolph MA, Bodugoz-Senturk H, Muratoglu OK, Kochevar IE, Winograd JM, Redmond RW. An Intraluminal Stent Facilitates Light-Activated Vascular Anastomosis. *J Trauma Acute Care Surg*. 2017 Jul;83(1 Suppl 1):S43-S49.
12. Suhardi VJ, Bichara DA, Kwok S, Freiberg AA, Rubash H, Malchau H, Yun SH, Muratoglu OK, Oral E. A Fully Functional Drug-Eluting Joint Implant. *Nat Biomed Eng*. 2017;1. Epub 2017 Jun 13.
13. Oral E, O'Brien C, Doshi B, Muratoglu OK. High Temperature Homogenization Improves Impact Toughness of Vitamin E-Diffused, Irradiated UHMWPE. *J Orthop Res*. 2017 Jun;35(6):1343-1347.
14. Donahue GS, Lindgren V, Galea VP, Madanat R, Muratoglu OK, Malchau H. Risk factors for mid-term revision surgery in patients with articular surface replacement total hip arthroplasty. *Hip Int*. 2017; May 27:0. [[Pub Med](#)].
15. Muratoglu OK. CORR Insights: A Novel Technique for Assessing Antioxidant Concentration in Retrieved UHMWPE. *Clin Orthop Relat Res*. 2017 May;475(5):1366-1368.

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17. Galea VP, Laaksonen I, Matuszak SJ, Connelly JW, Muratoglu O, Malchau H. Mid-Term Changes in Blood Metal Ion Levels After Articular Surface Replacement Arthroplasty of the Hip. *Bone Joint J.* 2017 Apr;99-B(4 Supple B):33-40.
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