Harris Orthopaedics Laboratory: Archive Publications


• Bichara DA, Malchau E, Sillesen NH, Cakmak S, Nielsen GP, Muratoglu OK. Vitamin E-diffused highly cross-linked UHMWPE particles induce less osteolysis compared to highly cross-linked virgin UHMWPE particles in vivo. J Arthroplasty. 29(9 suppl):232-7 (2014 Sep).


• Macias CE, Bodugöz-Sentürk H, Muratoglu OK. Quantification of PVA hydrogel dissolution in water and bovine serum. Polymer. 54(2):724-9 (2013 Jan).

• Fu J, Doshi BN, Oral E, Muratoglu OK. High temperature melted, radiation cross-linked, vitamin E stabilized oxidation resistant UHMWPE with low wear and high impact strength. Polymer. 54(1):199-209 (2013 Jan).


• Choi HR, Kwon YM, Burke DW, Rubash HE, Malchau H. The outcome of sequential repeated tibial tubercle osteotomy performed in 2-stage revision arthroplasty for infected total knee arthroplasty. J Arthroplasty. 27(8):1487-91 (2012 Sep).


• Katz JN, Wright EA, Wright J, Corbett KL, Malchau H, Baron JA, Losina E. Choice of hospital for


• Huddleston J, Alaiti A, Goldvasser D, Scarborough D, Freiberg A, Rubash H, Malchau H, Harris W,


- Digas G, Kärrholm J, Thanner J, Malchau H, Herbergs P. The Otto Aufranc Award. Highly cross-


• Kurtz SM, Muratoglu OK, Buchanan FJ, Currier B, Gsell R, Shen FW, Yau SS. Interlaboratory studies to determine optimal analytical methods for measuring the oxidation index of UHMWPE. Biomaterials. 22(21):2875-81 (2001 Nov).


• Clohisy JC, Harris WH. The Harris-Galante uncemented femoral component in primary total hip replacement at 10 years. 14(8):915-7 (1999 Dec).


• Bal BS, Maurer T, Harris WH. Revision of the acetabular component without cement after a previous acetabular reconstruction with use of a bulk femoral head graft in patients who had congenital dislocation or dysplasia. A follow-up note. J Bone Joint Surg Am. 81(12):1703-6 (1999 Dec).


- Jasty, M., II, Estok, D.M., Harris, W.H.: The mechanisms involved in the failure of fixation of
components in total hip arthroplasty. Seminars in Arthroplasty 7:76-85, 1996.


- Jasty, M., Anderson, M.J., Harris, W.H.: Total Hip Replacement for Developmental Dysplasia of the


• Jasty, M., Maloney, W.J., Bragdon, C.R., O'Connor, D.O., Haire, T., Harris, W.H.: The Initiation of

- Mulroy Jr., R.D., Harris, W.H.: The Effect of Improved Cementing Techniques on Component


• Harris, W.H.: Bone grafting for acetabular deficiency in association with total replacement. In: The


• Rushfeldt, P.D., Mann, R.W., Harris, W.H.: Improved Techniques for Measuring In Vitro the Geometry and Pressure Distribution in the Human Acetabulum I. Ultrasonic Measurement of


Reviews and Book Chapters


• Eberhardt J, Basyhal R, Malchau H. Book Chapter: Femoral Component Cementation, 2011


• Bragdon CR, ‘Clinical Surveillance of UHMWPE Using Radiographic Methods’: UHMWPE


