

References

1. Bell SW, Anthony I, Jones B, MacLean A, Rowe P, Blyth M. Improved accuracy of component positioning with robotic-assisted unicompartmental knee arthroplasty: data from a prospective, randomized controlled study. *J Bone Joint Surg Am.* 2016;98(8):627-635. doi:10.2106/JBJS.15.00664
2. Illgen RL, Bukowski BR, Abiola R, et al. Robotic-assisted total hip arthroplasty: outcomes at minimum two year follow up. *Surg Technol Int.* 2017;30:365-372.
3. Mahoney O, Kinsey T, Mont M, Hozack W, Orozco F, Chen A. Can computer generated 3D bone models improve the accuracy of total knee component placement compared to manual instrumentation? A prospective multi-center evaluation. Poster presented at: 32nd Annual Congress of the International Society for Technology in Arthroplasty; October 2-5, 2019; Toronto, Canada.
4. Suarez-Ahedo C, Gui C, Martin TJ, Chandrasekaran S, Lodhia P, Domb BG. Robotic-arm assisted total hip arthroplasty results in smaller acetabular cup size in relation to the femoral head size: a matched-pair controlled study. *Hip Int.* 2017;27(2):147-152. doi:10.5301/hipint.5000418
5. Kayani B, Konan S, Pietrzak JRT, Haddad FS. Iatrogenic bone and soft tissue trauma in robotic-arm assisted total knee arthroplasty compared with conventional jig-based total knee arthroplasty: a prospective cohort study and validation of a new classification system. *J Arthroplasty.* 2018;33(8):2496-2501. doi:10.1016/j.arth.2018.03.042
6. Hozack WJ. Multicentre analysis of outcomes after robotic-arm assisted total knee arthroplasty. *Bone Joint J:Orthop Proc.* 2018;100-B(Supp_12):38.
7. Banks SA. Haptic robotics enable a systems approach to design of a minimally invasive modular knee arthroplasty. *Am J Orthop (Belle Mead NJ).* 2009;38(2 Suppl):23-27.
8. Hampp E, Chang TC, Pearle A. Robotic partial knee arthroplasty demonstrated greater bone preservation compared to robotic total knee arthroplasty. Poster presented at: Orthopaedic Research Society Annual Meeting; February 2-5, 2019; Austin, TX.
9. Piazza S. Designed to maintain collateral ligament stability throughout the range of motion. Stryker-Initiated Dynamic Computer Simulations of Passive ROM and Oxford Rig Test. 2003.
10. Wang H, Simpson KJ, Ferrara MS, Chamnongkitch S, Kinsey T, Mahoney OM. Biomechanical differences exhibited during sit-to-stand between total knee arthroplasty designs of varying radii. *J Arthroplasty.* 2006;21(8):1193-1199. doi:10.1016/j.arth.2006.02.172
11. Gómez-Barrena E, Fernandez-García C, Fernandez-Bravo A, Cutillas-Ruiz R, Bermejo-Fernandez G. Functional performance with a single-radius femoral design total knee arthroplasty. *Clin Orthop Relat Res.* 2010;468(5):1214-1220. doi:10.1007/s11999-009-1190-2

MKOHMT-PE-3_Rev-2_24739

Copyright © 2020 Stryker