

Biomechanics Research and Publications

The Effects of Hip Abduction on Sciatic Nerve Biomechanics During Terminal Hip Flexion. J Hip Pres Surg 2016. (Accepted, In Revision). Khoury A, Schroder RG, Reddy MP, Gómez-Hoyos J, Martin HD.

Hip Spine Effect: A Cadaveric Study of Ischiofemoral Impingement in Hip Extension Effecting Loads in Lumbar Facet Joints. Arthroscopy 2016 (Accepted, In Production). Gómez-Hoyos J, Schröder RG, Khoury A, Palmer IJ, Martin HD.

<https://www.ncbi.nlm.nih.gov/pubmed/27599822>

Contribution of the Pubofemoral Ligament to Hip Stability: A Biomechanical Study. J Hip Pres Surg 2016. (Accepted, In Revision) Martin HD, Khoury A, Schroder R, Johnson E, Campos S, Palmer IJ.

<https://www.ncbi.nlm.nih.gov/pubmed/27720302>

The Function of the Ligamentum Teres in Limiting Hip Rotation: A Cadaveric Study. Arthroscopy 2014; 30(9):1085-91. Hal D. Martin, DO, M. Hatem, BR Kivlan, RL Martin.

<http://www.sciencedirect.com/science/article/pii/S074980631400365X>

Function of the ligamentum teres during multi-planar movement of the hip joint. Knee Surg Sports Traumatol Arthros. 2012. [Epub ahead of print] BR Kivlan, F Richard Clemente, RL Martin, Hal D. Martin, DO.

<https://www.ncbi.nlm.nih.gov/pubmed/22885673>

Ligamentum Teres: A Functional Description and Potential Clinical Relevance. Knee Surg Sports Traumatol Arthrosc. 2012; 20(6):1209-14. R.L. Martin, I.J. Palmer, and Hal D. Martin, DO.

<https://www.ncbi.nlm.nih.gov/pubmed/21932079>