

Supervisors

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Research Areas

- ✓ cell culture
- ✓ tissue culture
- ✓ denture, implant design
- ✓ upper and lower extremity biomechanics
- ✓ experimental methods in biomechanics
- ✓ development of biocompatible materials

Recent Publications

Karakaşlı A, Ceçen B, Erduran M, Taylan O, Hapa O, Havitçioğlu H. Rigid fixation of the lumbar spine alters the motion and mechanical stability at the adjacent segment level. *Eklemler Hastalıkları Cerrahisi*. 2014 Apr;25(1):42-6. doi: 10.5606/ehc.2014.09

Havitçioğlu H, Ceçen B, Pasinli A, Yüksel M, Aydın I, Yıldız H. In vivo investigation of calcium phosphate coatings on Ti6-Al-4V alloy substrates using lactic acid - sodium lactate buffered synthetic body fluid. *Acta Orthop Traumatol Turc*. 2013;47(6):417-22.

Hapa O, Bedi A, Gursan O, Akar MS, Güvencer M, Havitçioğlu H, Larson CM. Anatomic footprint of the direct head of the rectus femoris origin: cadaveric study and clinical series of hips after arthroscopic anterior inferior iliac spine/subspine decompression. *Arthroscopy*. 2013 Dec;29(12):1932-40. doi: 10.1016/j.arthro.2013.08.023.

Hapa O, Erduran M, Havitçioğlu H, Ceçen B, Akşahin E, Güler S, Atalay K. Strength of different Krackow stitch configurations using high-strength suture. *J Foot Ankle Surg*. 2013 Jul-Aug;52(4):448-50. doi: 10.1053/j.jfas.2013.03.009. Epub 2013 Apr 20.

Erduran M, Hapa O, Sen B, Kocabey Y, Erdemli D, Aksel M, Havitçioğlu H. The effect of inclination angle on the strength of vertical mattress configuration for meniscus repair. *Knee*

Surg Sports Traumatol Arthrosc. 2013 Apr 9.

Karakaşlı A, Yıldız DV, Kumtepe E, Kızmazođlu C, Havitçiođlu H. Biomechanical comparison of intact lumbar lamb spine and endoscopic discectomized lamb spine. Eklem Hastalik Cerrahisi. 2013 Apr;24(1):33-8. doi: 10.5606/ehc.2013.08.

Hapa O, Akşahin E, Erduran M, Davul S, Havitçiođlu H, LaPrade RF, Bozdađ E, Sünbulođlu E. The influence of suture material on the strength of horizontal mattress suture configuration for meniscus repair. Knee. 2013 Dec;20(6):577-80. doi: 10.1016/j.knee.2012.11.010. Epub 2013 Jan 20.