

Publications List

Dr Sumit Raniga

As at : 18/05/2021

International Peer Reviewed Research Publications

1. Arenas-Miquelez A, Liu VK, Cavanagh J, Graham PL, Ferreira LM, Bokor DJ, **Raniga, S**. Does the Walch Type B Shoulder have a Transverse Force Couple Imbalance? - A Volumetric Analysis of Segmented Rotator Cuff Muscles in Osteoarthritic Shoulders. *Journal of shoulder and elbow surgery / American Shoulder and Elbow Surgeons* [et al]. 2021.
2. **Raniga S**, Cadman J, Dabirrahmani D, Bui D, Appleyard R, Bokor D. Mapping of the Inferior Glenohumeral Ligament for Suture Pullout Strength: A Biomechanical Analysis. *Orthop J Sports Med*. 2021;9(1):2325967120969640.
3. **Raniga S**, Knowles NK, West E, Ferreira LM, Athwal GS. The Walch type B humerus: glenoid retroversion is associated with torsional differences in the humerus. *J Shoulder Elbow Surg*. 2019;28(9):1801-8. doi: 10.016/j.jse.2019.02.010. Epub Apr 28.
4. Bokor DJ, **Raniga S**, Graham PL. Axillary Nerve Position in Humeral Avulsions of the Glenohumeral Ligament. *Orthop J Sports Med*. 2018;6(12):2325967118811044.
5. Schar MO, Dellenbach S, Pfirrmann CW, **Raniga S**, Jost B, Zumstein MA. Many Shoulder MRI Findings in Elite Professional Throwing Athletes Resolve After Retirement: A Clinical and Radiographic Study. *Clinical orthopaedics and related research*. 2018;476(3):620-31.
6. Zumstein MA, Schiessl P, Ambuehl B, Bolliger L, Weihs J, Maurer MH, **Raniga, S**. New quantitative radiographic parameters for vertical and horizontal instability in acromioclavicular joint dislocations. *Knee surgery, sports traumatology, arthroscopy : official journal of the ESSKA*. 2018;26(1):125-35.
7. Zumstein MA, **Raniga S**, Flueckiger R, Campana L, Moor BK. Triceps-sparing extra-articular step-cut olecranon osteotomy for distal humeral fractures: an anatomic study. *Journal of shoulder and elbow surgery / American Shoulder and Elbow Surgeons* [et al]. 2017;26(9):1620-8.
8. Kuenzler MB, Nuss K, Karol A, Schar MO, Hottiger M, **Raniga S**, et al. Neer Award 2016: reduced muscle degeneration and decreased fatty infiltration after rotator cuff tear in a poly(ADP-ribose) polymerase 1 (PARP-1) knock-out mouse model. *Journal of shoulder and elbow surgery / American Shoulder and Elbow Surgeons* [et al]. 2017;26(5):733-44.
9. Zumstein MA, Ladermann A, **Raniga S**, Schar MO. The biology of rotator cuff healing. *Orthopaedics & traumatology, surgery & research : OTSR*. 2017;103(1S):S1-S10.
10. De Beer J, Schaer M, Latendresse K, **Raniga S**, Moor BK, Zumstein MA. BiPOD Arthroscopic Acromioclavicular Repair Restores Bidirectional Stability. *Orthopedics*. 2017;40(1):e35-e43.
11. Zumstein MA, **Raniga S**, Labrinidis A, Eng K, Bain GI, Moor BK. Optimal Lateral Row Anchor Positioning in Posterior-Superior Transosseous Equivalent Rotator Cuff Repair: A Micro-Computed Tomography Study. *Orthop J Sports Med*. 2016;4(11):2325967116671305.
12. Zumstein MA, **Raniga S**. The Role of Capsular Repair in Latarjet Procedures: Commentary on an article by Yoshiaki Itoigawa, MD, PhD, et al.: "Repairing the Capsule to the Transferred Coracoid Preserves External Rotation in the Modified Latarjet Procedure". *The Journal of bone and joint surgery American volume*. 2016;98(17):e75.
13. Zumstein MA, **Raniga S**, and Moor BK. The Critical Shoulder Angle (CSA) Instructional Course Lecture. *SECEC ICL*. 2015.
14. Kempthorne JT, Ailabouni R, **Raniga S**, Hammer D, Hooper G. Occult Infection in Aseptic Joint Loosening and the Diagnostic Role of Implant Sonication. *Biomed Res Int*. 2015;2015:946215.

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15. Lee AJ, **Raniga S**, Hooper G, Perry A, Bisset R, Darley D, et al. The Time Out Procedure: have we changed our practice? *N Z Med J*. 2012;125(1362):26-35.
16. Fife J, **Raniga S**, Hider PN, Frizelle FA. Folic acid supplementation and colorectal cancer risk: a meta-analysis. *Colorectal Dis*. 2011;13(2):132-7.
17. Eglinton T, Nguyen T, **Raniga S**, Dixon L, Dobbs B, Frizelle FA. Patterns of recurrence in patients with acute diverticulitis. *Br J Surg*. 2010;97(6):952-7.
18. Renaut AJ, **Raniga S**, Frizelle FA, Perry RE, Guilford L. A randomized controlled trial comparing the efficacy and acceptability of phospo-soda buffered saline (Fleet) with sodium picosulphate/magnesium citrate (Picoprep) in the preparation of patients for colonoscopy. *Colorectal Dis*. 2008;10(5):503-5.
19. Gendall KA, **Raniga S**, Kennedy R, Frizelle FA. The impact of obesity on outcome after major colorectal surgery. *Dis Colon Rectum*. 2007;50(12):2223-37.
20. **Raniga S**, Hider P, Spriggs D, Ardagh M. Attitudes of hospital medical practitioners to the mandatory reporting of professional misconduct. *N Z Med J*. 2005;118(1227):U1781.
21. **Raniga S**. A Quite Revolution; Gene Therapy for Parkinson disease. *Pharmaceutical and Diagnostic Innovation*. 2004. 2 (1).
22. **Raniga S**. Differential Regulation of Activin Type I and Type II Receptor mRNAs following Various Brain Injuries in the Rat. Thesis - Master of Science in Medical Science with 1st Class Honours. 2000

Book Chapter

1. **Distal Humerus Fractures**. Athwal GSA & **Raniga S**. Rockwood and Green's Fractures in Adults 9th Edition (2018); Chapter 39.

Research Presentations

1. **The Translational Shoulder: The evolution of an advanced 6 degree of freedom, 8 muscle actuated in vitro cadaveric shoulder simulator**. D Axford, R Potra, L Ferriera, R Appleyard, D Bokor, **S Raniga**.
 - *Presented at the Royal North Shore Shoulder Symposium, Sydney, NSW, Australia (2020)*
2. **Map of the Inferior Glenohumeral Ligament for Suture Pull-Out Strength: A Biomechanical Analysis**. **Raniga S**, Cadman J, Dabirrahmani D, Bui D, Appleyard R, Bokor D.
 - *Oral Poster Presentation at the International Congress of Shoulder and Elbow Surgery, Buenos Ares, Argentina (2019)*
3. **The Evolving B Type Glenoid**. **Raniga S**, Knowles NK, Ferreira LF, Athwal GS.
 - *Podium Presentation at the Sydney Arthroplasty Masters Meeting, Sydney, NSW, Australia (2018)*
4. **The Walch B2 Humerus: Glenoid Retroversion is Associated with Torsional Differences in the Humerus**. **Raniga S**, Knowles NK, West E, Ferreira LF, Athwal GS. *J Shoulder Elbow Surg*. 2019 Sep;28(9):1801-1808. doi: 10.1016/j.jse.2019.02.010. Epub 2019 Apr 28.
 - *Podium Presentation at The 31st Annual Congress of the International Society for Technology in Arthroplasty. London, UK (International) (2018)*
 - *Podium Presentation at the Sydney Arthroplasty Masters Meeting, Sydney, NSW, Australia (2018)*
 - *Podium Presentation at the Shoulder and Elbow Society of Australia Biennial Conference, Perth, Western Australia, Australia (2018)*
 - *Poster Presentation at the AAOS Annual Meeting, Las Vegas, USA (2019)*
 - *Podium Presentation at the International Congress of Shoulder and Elbow Surgery, Buenos Ares, Argentina (2019)*

Publications List

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Patents

1. A Novel Molecular Therapy for Adhesive Capsulitis. **Raniga S**. *Patent in Progress*.
2. Methods of Providing Neuroprotection and/or Neurorestoration via the Neural Activin Type IIB Receptor. Hughes PE, **Raniga S**, Fernandez JAC. *United States Patent Application Publication. Pub No.: US 2003/0103959 A1, Pub. Date: June 5, 2003*.