

Peer-Reviewed Publications

Wang K, Moaveni A, Dowrick A, et al. Alendronate-associated femoral insufficiency fractures and femoral stress reactions. *J Ortho Surg*. 2011 Apr; 19(1):89-92.1.

Alipour F, Putti A, Moaveni A, et al. Comparative study of the morbidity of supra-acetabular pins versus iliac crest pins in pelvic external fixation. *J BJS (Br)*. 2011. 93B(Supp_II):186.

Bias towards dementia: are hip fracture trials excluding too many patients? A systematic review. HEALTH AND FAITH investigators (Departmental Publication). *Injury*. 2012 Dec 43(12):1978-84.

The societal costs of femoral neck fracture patients treated with internal fixation. FAITH Investigators (Departmental Publication). *Osteoporos Int*. 2014 Mar 25 (3):875-85.

Radiographic prevalence of CAM-type femoroacetabular impingement after open reduction and internal fixation of femoral neck fractures. FAITH Investigators (Departmental Publication). *Knee Surg Sports Traumatol Arthrosc*. 2014 Apr 22(4):793-800.

Fixation using alternative implants for the treatment of hip fractures (FAITH): design and rationale for a multi-centre randomized trial comparing sliding hip screws and cancellous screws on revision surgery rates and quality of life in the treatment of femoral neck fractures. FAITH Investigators (Departmental Publication). *BMC Musculoskelet Disord*. 2014 Jun 26:15:219.

Re: Are Australian and New Zealand trauma service resources reflective of the Australasian Trauma Verification Model Resource Criteria? Kamali Moaveni A. *ANZ J Surg*. 2014 Dec 84 (12):996.

Functional outcome after successful internal fixation versus salvage arthroplasty of patients with a femoral neck fracture. FAITH Trial Investigators (Departmental Publication). *J Orthop Trauma*. 2014 Dec 28 (12): e273-80.

Reliability, validity, and responsiveness of the Western Ontario and McMaster Universities Osteoarthritis Index for elderly patients with a femoral neck fracture. HEALTH and FAITH Investigators (Departmental Publication). *J Bone Joint Surg Am*. 2015 May 97(9):751-7.

Wide field of view CT and acromioclavicular joint instability: A technical innovation. Dyer DR, Troupis JM, Kamali Moaveni A. *J Med Imaging Radiat Oncol*. 2015 Jun 59(3):326-30.

Implant removal after internal fixation of a femoral neck fracture Effects on physical functioning. FAITH Investigators (Departmental Publication). *J Orthop Trauma*. 2015 Sep 29(9): e285-92.

Management and functional outcomes following sternoclavicular joint dislocation. Kirby JC, Edwards E, Kamali Moaveni A. *Injury*. 2015 Oct 46(10):1906-13.

A trial of wound irrigation in the initial management of open fracture wounds. FLOW Investigators (Departmental Publication). *N Engl J Med*. 2015 Dec 373(27):2629-41.

Trampoline related injuries in adults. Arora V, Kimmel LA, Yu K, Gabbe BJ, Liew SM, Kamali Moaveni A. *Injury* 2016 Jan 47(1): 192-6.

Interobserver agreement of Neer and AO classifications for proximal humeral fractures. Papakonstantinou MR, Hart MJ, Farrugia R, Gabbe BJ, Kamali Moaveni A, van Bavel D, Page RS, Richardson MD. *ANZ J Surg* 2016 Apr 86(4):280-4.

The Use of a Dynamic 4-Dimensional CT Scan in the Diagnosis of Atraumatic Sternoclavicular Joint Instability. Hislop-Jambrich JL, Troupis JM, Moaveni AK. *J Comput Assist Tomogr.* 2016 Jul-Aug 40(4):576-7.

Prevalence of non-union and delayed union in proximal humeral fractures. Papakonstantinou MR, Hart MJ, Farrugia R, Gosling C, Kamali Moaveni A, van Bavel D, Page RS, Richardson MD. *ANZ J Surg* 2016 Sep 12.

Natural history of medial clavicle fractures. Salipas A, Kimmel LA, Edwards ER, Rakhra S, Moaveni AK. *Injury* 2016 Oct 47(10):2235-2239.

Fracture fixation in the operative management of hip fractures (FAITH): an international, multicentre, randomised controlled trial. FAITH (Departmental Publication). *Lancet* 2017 April 389(10078):1519-1527. DOI:10.1016/S0140-6736(17)30066-1.

Vitamin D use and health outcomes after surgery for hip fracture. FAITH Investigators (Departmental Publication). *Orthopaedics.* 2017 Oct 40(5): e868-e875.

Is routine distal clavicle resection necessary in rotator cuff repair surgery? A systematic review and meta-analysis. Livingstone A, Asaid R, Moaveni AK. *Shoulder & Elbow* 2017 Nov. DOI: 10.1177/1758573217741124.

Wound irrigation does not affect health-related quality of life after open fractures: results of a randomized controlled trial. FLOW Investigators (Departmental Publication). *Bone Joint J.* 2018 Jan 100-B(1):88-94. DOI:10.1302/0301-620X.100B1.BJJ-2017-0955.R1.

Factors associated with health-related quality of life, hip function, and health utility after operative management of femoral neck fractures. FAITH Investigators (Departmental Publication). *Bone Joint J.* 2018 Mar 100-B(3):361-369. DOI: 10.1302/0301-620X.100B3.BJJ-2017-0853.R1.

Are large clinical trials in orthopaedic trauma justified? FLOW Investigators (Departmental Publication). *BMC Musculoskelet Disord.* 2018 Apr 19 (1):124. DOI: 10.1186/s12891-018-2029-3.

Factors associated with revision surgery after internal fixation of hip fractures. FAITH Investigators (Departmental Publications). *J Orthop Trauma.* 2018 May 32(5):223-230. DOI: 10.1097/BOT.0001162.

Reverse shoulder arthroplasty vs BIO-RSA: clinical and radiographic outcomes at short term follow-up. Kirzner N, Paul E, Moaveni A. *J Orthop Surg Res.* 2018 Oct 13(1):256. DOI: 10.1186/s13018-018-0955-2.

Barriers to completion of research projects among orthopaedic trainees. Carter S, Liew S, Brown G, Moaveni AK. *J Surg Educ*. 2018 Nov 75(6):1630-1634. DOI: 10.1016/j.jsurg.2018.04.008.

Dynamic assessment of sternoclavicular joint instability using four-dimensional computer tomography. Goh YP, Moaveni AK, Hoy G, et al. *J Med Imaging Radiat Oncol*. 2019 April 63(2):216-221. doi:10.1111/1754-9485.12862.

Total hip arthroplasty or hemiarthroplasty for hip fracture. HEALTH Investigators (Departmental Publication). *N Engl J Med*. 2019 Dec 381 (23):2199-2208. DOI:10.1056/NEJMoa1906190.

Predictors of clavicle fixation in multiply injured patients. Tinney A, Moaveni AK, Kimmel LA, Gabbe BJ. *J Orthop*. 2020 Feb 21:35-39. DOI: 10.1016/j.jor.2020.02.001.

Venous Thromboembolism in Hip Fracture Patients: A Subanalysis of the FAITH and HEALTH Trials. MacDonald DRW, Neilly D, Schneider PS, Bzovsky S, Sprague S, Axelrod D, Poolman RW, Frihagen F, Bhandari M, Swiontkowski M, Schemitsch EH, Stevenson IM; FAITH Investigators; HEALTH Investigators (Departmental Publication). *J Orthop Trauma*. 2020 Nov;34 Suppl 3:S70-S75. doi: 10.1097/BOT.0000000000001939. PMID: 33027169.

Clockwise Torque of Sliding Hip Screws: Is There a Right Side? Würdemann FS, Poolman RW, Krijnen P, Bzovsky S, Sprague S, Kaptein BL, Hegeman JH, Schemitsch EH, Bhandari M, Swiontkowski M, Schipper IB; Dutch Hip Fracture Audit Group and FAITH Investigators (Departmental Publication). *J Orthop Trauma*. 2020 Nov;34 Suppl 3:S76-S80. doi: 10.1097/BOT.0000000000001934. PMID: 33027170

Arthroplasty Versus Internal Fixation for the Treatment of Undisplaced Femoral Neck Fractures: A Retrospective Cohort Study. Afaq S, O'Hara NN, Schemitsch EH, Bzovsky S, Sprague S, Poolman RW, Frihagen F, Heels-Ansdell D, Bhandari M, Swiontkowski M, Slobogean GP; FAITH Investigators; HEALTH Investigators (Departmental Publication). *J Orthop Trauma*. 2020 Nov;34 Suppl 3:S9-S14. doi: 10.1097/BOT.0000000000001940. PMID: 33027160 Clinical Trial.

Is Total Hip Arthroplasty a Cost-Effective Option for Management of Displaced Femoral Neck Fractures? A Trial-Based Analysis of the HEALTH Study. Axelrod D, Tarride JÉ, Ekhtiari S, Blackhouse G, Johal H, Bzovsky S, Schemitsch EH, Heels-Ansdell D, Bhandari M, Sprague S; HEALTH Investigators (Departmental Publication). *J Orthop Trauma*. 2020 Nov;34 Suppl 3:S37-S41. doi: 10.1097/BOT.0000000000001932. PMID: 33027164

Predictors of Loss to Follow-up in Hip Fracture Trials: A Secondary Analysis of the FAITH and HEALTH Trials. Sivaratnam S, Comeau-Gauthier M, Sprague S, Schemitsch EH, Poolman RW, Frihagen F, Bhandari M, Swiontkowski M, Bzovsky S; FAITH Investigators; HEALTH Investigators (Departmental Publication). *J Orthop Trauma*. 2020 Nov;34 Suppl 3:S22-S28. doi: 10.1097/BOT.0000000000001928. PMID: 33027162

Predictors of Long-Term Pain After Hip Arthroplasty in Patients With Femoral Neck Fractures: A Cohort Study.

Noori A, Sprague S, Bzovsky S, Schemitsch EH, Poolman RW, Frihagen F, Axelrod D, Heels-Ansdell D, Bhandari M, Busse JW; HEALTH Investigators (Departmental Publication). *J Orthop Trauma*. 2020 Nov;34 Suppl 3:S55-S63. doi: 10.1097/BOT.0000000000001929. PMID: 33027167 Clinical Trial.

What Factors Increase Revision Surgery Risk When Treating Displaced Femoral Neck Fractures With Arthroplasty: A Secondary Analysis of the HEALTH Trial.

Blankstein M, Schemitsch EH, Bzovsky S, Poolman RW, Frihagen F, Axelrod D, Heels-Ansdell D, Bhandari M, Sprague S, Schottel PC; HEALTH Investigators (Departmental Publication). *J Orthop Trauma*. 2020 Nov;34 Suppl 3:S49-S54. doi: 10.1097/BOT.0000000000001936. PMID: 33027166 Clinical Trial.

What Predicts Health-Related Quality of Life for Patients With Displaced Femoral Neck Fractures Managed With Arthroplasty? A Secondary Analysis of the HEALTH Trial.

Axelrod D, Comeau-Gauthier M, Bzovsky S, Schemitsch EH, Poolman RW, Frihagen F, Guerra-Farfán E, Heels-Ansdell D, Bhandari M, Sprague S; HEALTH Investigators (Departmental Publication). *J Orthop Trauma*. 2020 Nov;34 Suppl 3:S29-S36. doi: 10.1097/BOT.0000000000001933.

Who Did the Arthroplasty? Hip Fracture Surgery Reoperation Rates are Not Affected by Type of Training-An Analysis of the HEALTH Database.

DeAngelis RD, Minutillo GT, Stein MK, Schemitsch EH, Bzovsky S, Sprague S, Bhandari M, Donegan DJ, Mehta S; HEALTH Investigators (Departmental Publication). *J Orthop Trauma*. 2020 Nov;34 Suppl 3:S64-S69. doi: 10.1097/BOT.0000000000001931. PMID: 33027168 Clinical Trial.

Rawal A, Mannambeth R, Murray S, Moaveni A. Clavicular Osteotomy to Assess Subclavian Vein Injury During Internal Fixation of Midshaft Clavicle Fractures. *Shoulder & Elbow*. SAE-2021-105. R2. Accepted for publication (August 2021).

Book Chapters

1. Moaveni A, Lindau T. Arthroscopy of the Wrist. In *European Textbook of Surgical Orthopaedics and Traumatology*. G Bentley (ed.) 2011.

2. Moaveni A, Athwal G. Management of Terrible Triad Injuries. In *Basic and Advanced Surgical Techniques in Management of Shoulder and Elbow Trauma*. Ahmad CS, Cadet E, Levine WN (eds.) 2012.

Current Research Projects

Use of intra-wound antibiotics to lower infection rates in trauma surgery

Outcome following a scapula (shoulder blade) fracture

Different approaches to the elbow joint (specifically the coronoid process) - a cadaveric study

Contributions to research conducted by the following international groups of participating practitioners.

- Fixation using alternative implants for the treatment of hip fractures
FAITH Investigators
- Hip fracture evaluations with alternatives of total hip arthroplasty vs. hemiarthroplasty
HEALTH Investigators
- Fluid lavage of open wounds
FLOW Investigators

(Last updated October 2021)