

## Dr. Buckley's PUBLICATIONS

### i. Peer Reviewed Manuscripts

- R. Buckley, G.N.F. Hughes: Perioperative Cefazolin Prophylaxis in Hip Fracture Surgery, Canadian Journal of Surgery, pp 122-127, February 1990.
- R. Buckley, R. Meek: Comparison of Open Versus Closed Reduction of Intra-Articular Calcaneal Fractures - A Matched Cohort in Workmen, Journal of Orthopaedic Trauma, Vol 6, No 2, pp 216-222, 1992.
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- K. Hildebrand, R. Buckley, N. Mohtadi, P. Faris: Functional Outcome Measures After Displaced Intra-Articular Calcaneal Fractures, Journal of Bone and Joint Surgery, Vol 78B, No 1, pp 119-123, January 1996.
- T. Kneifel, R. Buckley: A Comparison of One Versus Two Distal Locking Screws in Tibial Fractures Treated with Unreamed Tibial Nails: A Prospective Randomized Clinical Trial, Injury, Vol. 27, No 4, pp 271-273, 1996.
- G. Abelseth, R. Buckley, G. Pineo, R. Hull, S. Rose: DVT Incidence in Patients with Fractures of the Lower Extremity, Journal of Orthopaedic Trauma, Vol 10, No 4, pp 230-235, 1996.
- R. Buckley, D. Hunt: Reliability of Clinical Measurement of Subtalar Joint Motion, Foot and Ankle International, Vol 18, No 4, pp 229-232, April 1997.
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- T. Pearce, R. Buckley: Subtalar Joint Movement: Clinical and Computed Tomography Scan Correlation, Foot and Ankle International, Vol 20, No 7, pp 428-432, July 1999.
- C. Loucks, R. Buckley: Böhlers Angle - Correlation With Outcome in Displaced Intra-Articular Calcaneal Fractures, Journal of Orthopaedic Trauma, Vol 13, No 8, pp 554-558, 1999.
- R. McCormack, R. Buckley, D. Brien, M. McKee, J. Powell, E. Schemitsch: Fixation of Fractures of the Shaft of the Humerus by Dynamic Compression Plate or Intramedullary Nail - A Prospective Randomized Trial, Journal of Bone and Joint Surgery, Vol 82B, pp 336-339, 2000.
- T. Tufescu, R. Buckley: Age, Gender, Work Capability, and Workers Compensation in Patients with Displaced Intra-Articular Calcaneal Fractures, Journal of Orthopaedic Trauma, Vol 15, pp 275-279, 2001.
- D. Longino, R. Buckley: Bone Graft in the Operative Treatment of

Displaced Intra-Articular Calcaneal Fractures: Is it Helpful? *Journal of Orthopaedic Trauma*, Vol 15, pp 280-286, 2001.

- M.Csizy, R. Buckley, C. Fennell: Benign Calcaneal Bone Cyst and Pathologic Fracture-Surgical Treatment with Injectable Calcium-Phosphate Bone Cement (Norian®): A Case Report, *Foot and Ankle International*, Vol 22, No 6, pp 507-510, 2001.
- E. Olschewski, P. Murray, R. Buckley, C. Fennell, J. Powell: Assessment of Osteoporosis Using Standard Radiographs of the Wrist, *Journal of Trauma*, Vol 51, No 8, pp 912-916, November 2001.
- M.L. Murnaghan, R.E. Buckley: Lost but not Forgotten: Patients Lost to Follow-Up in a Trauma Data Base, *Canadian Journal of Surgery*, Vol 45, No 3, pp 191-195, June 2002.
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- P. Dooley, R. Buckley, S. Tough, R. McCormack, G. Pate, R. Leighton, D. Petrie, R. Galpin: Bilateral Calcaneal Fractures: Operative versus Non-operative Treatment. *Foot & Ankle International*, Vol 25, No 2, pp 47-52, 2004.
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and Ankle International, Vol 25, No 10, pp 733-738, 2004.

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- M. Gatha, B. Pedersen, R. Buckley: Fractures of the Sustentaculum Tali of the Calcaneus: A Report of Four Cases - Foot and Ankle International, 29:237-240, 2008.
- S. Bajammal, M. Zlowodzki, A. Lelwica, P. Tornetta III, T. Einhorn, R. Buckley, R. Leighton, T. Russell, S. Larsson, M. Bhandari: The Use of Calcium Phosphate Bone Cement in Fracture Treatment. A Meta-Analysis of Randomized Trials, J Bone Joint Surg Am. 90:1186-1196, 2008.
- K. Lundine, R. Buckley, C. Hutchison, J. Lockyer: Communication Skills Training in Orthopaedics. JBJS (A), 90:1393-1400, 2008.
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- D. Goel, R. Buckley, G. deVries, G. Abelseth, A. Ni, R. Gray: Prophylaxis of Deep Vein Thrombosis in Distal Lower Extremity Fractures: A Prospective Randomized Controlled Trial. *JBJs (B)*, Volume 91 (3), 388-394, 2009.
- R. Martinez-Gallino, A. Gray, R. Buckley: The Outcome of Displaced Intra Articular Calcaneal Fractures That Involve the Calcaneal Cuboid Joint. *Injury*, 40, 146-149, 2009.
- R. Demcoe, R. Buckley, M. Verhulsdonk: Complications When Using Threaded K-wire Fixation for Displaced Intra-articular Calcaneal Fractures, Accepted – *Injury*, 2009.
- H. Johal, R. Buckley, I Le, R. Leighton: A Prospective Randomized Controlled Trial of a Bioresorbable Calcium Phosphate Paste (alpha-BSM) in Treatment of Displaced Intra-articular Calcaneal Fractures. Accepted – *Journal of Trauma*. 2009.

## ii. Non-Peer Reviewed Publications (E-Publications)

- S. Arneja, R. Buckley: General Principles of Fracture Care, Managing Editor – Jim Kellam, published on-line at <http://www.emedicine.com/orthoped/topic636.htm>, 2002.
- Patient Factors Play Key Role in Treatment Decisions – A Panel Discussions in Calcaneal Fracture Literature – *Orthopaedics Today*, August 2006.
- C. Panaro, R. Buckley: General Principles of Fracture Care II, Managing Editor – Jim Kellam, published on-line at <http://www.emedicine.com/orthoped/topic636.htm>, 2007.
- R. Buckley: The Calcaneal Fracture. American Academy of Orthopaedic Surgeons Web site: Orthopaedic Knowledge Online, Vol. 6, No. 3: <http://www5.aaos.org/oko/partners/ota/main.cfm>, 2008.
- Section Editor for Hindfoot, Midfoot and Forefoot Chapter on AO Surgery Reference with Dr. A. Sands, Dr. Klaue. <http://www.aofoundation.org>, 2009.

## iii. Books/Chapters

- AO Principles of Teaching and Learning, Editors: Joseph Green and Piet deBoer, Thieme, New York with AO Publishing 2005: Chapter on “How to be a Course Chairman”.
- AO Principles of Fracture Management, 2<sup>nd</sup> Edition: Co-author: Sean Nork, Thieme Publishing, 2007, Chapter title: Calcaneal and Talar Fractures.
- AO Principles of Fracture Management, 2<sup>nd</sup> Edition: Co-author: Eric Johnson, Thieme Publishing 2007, Chapter title: Chronic Infection.
- Evidence Based Orthopaedics: The Best Answers to Clinical Questions, Edited by Dr. James G. Wright, Sanders Elsevier Publishing, Philadelphia 2009, pp 498-501. Chapter - What is the Best Treatment for Displaced Intra-articular Calcaneal Fractures?
- AO Handbook – Statistics and Data Management. A Practical Guide for Orthopaedic Surgeons, Editor: D. Stengl. In Publication.
- AO Principles of Operative Management for Operating Room Personnel, Chapter on foot, Editor: Dr. Matthew Porteous. In Publication.
- Canadian Orthopaedic Trauma Surgery Evidence Based Textbook, Editor: Dr. Emile Schemitsch. In Publication.

iv. Book Editor

- AO Principles of Fracture Management, 2<sup>nd</sup> Edition, Co-editors: Thomas Ruedi, Chris Moran, Thieme Publishing with AO Publishing, 2007.
- AO Manual of Fracture Management - Internal Fixators, Author: Michael Wagner, Co-editors: Emanuel Gauthier, Michael Schutz, Christoph Sommer, Thieme Publishing with AO Publishing, 2006.
- Surgical Exposures in Orthopaedics – The Anatomic Approach, Co-Editors: Dr. Stanley Hoppenfeld, Dr. Piet deBoer, Fourth Edition 2009. In Publication.

v. Abstracts Published

- A Prospective Randomized Clinical Trial comparing Reamed Versus Unreamed Intramedullary Nail Fixation in Acute Femoral Shaft Fractures: Assessment of Union Rates. Canadian Orthopaedic Association, Ottawa, June 21, 1998. Co-author: COTS.
- New Symphyseal Plate – Clinical Results from a Multi-Centre Study Canadian Orthopaedic Association, Ottawa, June 21, 1998. Co-author: Dr. Ross Leighton.
- Prospective Trial Comparing Intramedullary Nail Fixation and Open Reduction Internal Fixation in the Treatment of Humeral Shaft Fractures with Surgical Indications, Canadian Orthopaedic Association, Ottawa, June 21, 1998. Co-authors: COTS.
- Prospective Randomized Clinical Trial Comparing Reamed Versus Unreamed Intramedullary Nailing of Femoral Shaft Fractures: Assessment of Pulmonary Dysfunction, Orthopaedic Trauma Association Meeting, Vancouver, October 9, 1998, Co-author: COTS.
- A Randomised Prospective Trial of Humeral Shaft Fracture Fixation: Compression Plate Versus Intramedullary Nail, Orthopaedic Trauma Association Meeting, Vancouver, October 10, 1998. Co-author: COTS.
- A Prospective Randomized Trial Comparing Reamed And Unreamed Intra-Medullary Nailing; Analysis Of Rates Of Union, Canadian Orthopaedic Association Meeting, Edmonton, June 4, 2000. Co-author: COTS.
- Prospective Randomized Trial Comparing Reamed and Unreamed Intramedullary Nailing - Analysis of Pulmonary Complications, Orthopaedic Trauma Association Meeting g, San Antonio, October 13, 2000. Co-author: COTS.
- The Association Between Subtalar Joint Motion and Outcome Satisfaction in Patients with Displaced Intra-Articular Calcaneal Fractures; Scientific Poster, Orthopaedic Trauma Association Meeting, San Diego, California, October 18-20, 2001. Co-author: Dr. Steve Kingwell.
- The Association Between Subtalar Joint Motion and Outcome Satisfaction in Patient with Displaced Intra-Articular Calcaneal Fractures; Scientific Poster, American Academy Orthopaedic Surgery Meeting, Dallas, Texas, February 12-17, 2002. Co-author: Dr. Steve Kingwell.
- The Effect of Human Re-Combinant Bone Morphogenic Protein (RHBMP-7) on the Healing of Open Tibia Shaft Fractures, Canadian Orthopaedic Association Meeting, Victoria, June 4, 2002. Co-author: Dr. Mike McKee.
- Mal-alignment of the Tibia after Reamed Intramedullary Nail Fixation, Orthopaedic Trauma Association Meeting, Poster Presentation, Toronto, October 11-13, 2002. Co-author: Dr. Shannon Puloski.
- Multi-Centre Prospective Randomized Clinical Trial – The Effect of Human

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- Bilateral Calcaneal Fractures: Operative vs. Non-Operative Treatment, Poster Presentation, Orthopaedic Trauma Association Meeting, Salt Lake City, October 9-11, 2003. Co-author: Dr. Paul Dooley.
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- Functional Outcome of Patients with Displaced Calcaneal Fractures Compared With SF-36 Normative Data, Poster Presentation, Orthopaedic Trauma Association, Salt Lake City, October 9-11, 2003. Co-author: Dr. E. van Tetering.
- Assessment of Limb Alignment Following LISS Fixation, Podium Presentation, British Trauma Society, London, UK, October 3, 2003. Co-author: Dr. K. Mohanty.
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- Operative Versus Non-Operative Treatment, Mid-Shaft Clavicle Fractures, Paper Presentation, Orthopaedic Trauma Association, Ottawa, Ontario, October 22, 2005. Co-author: COTS.
- Orthopaedic Surgery Core Curriculum Trauma Section, Poster, American Academy of Orthopaedic Surgery, Chicago, March 22-26, 2006. Co-author: Dr. V. Wadey.
- Multi Center Prospective Randomized Controlled Trial of Non-operative Versus Operative Treatment Of Mid Shaft Clavicle Fractures, Paper, American Academy of Orthopaedic Surgery, Chicago, March 22, 2006. Co-author: COTS.
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- Multi Centre Prospective Randomized Controlled Trial of the DHS vs.

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- A Multicentre, Prospective, Randomized Comparison of the Sliding Hip Screw versus the Medoff Sliding Screw and Side Plate for Unstable Intertrochanteric Hip Fractures, Combined Annual Meeting of the American Orthopaedic Association and the Canadian Orthopaedic Association, Quebec City, June 4, 2008. Co-author: Dr. R. McCormack.
- Canadian Orthopaedic Resident Forum – Review Course with a Difference, Royal College Meeting and International Educational Conference, Ottawa, Ontario, September 25-27, 2008. Co-authors: Dr. J. Murnaghan, Dr. N. Schachar.
- Canadian Orthopaedic Resident Forum – Review Course with a Difference, Canadian Continuing Medical Education Meeting, Edmonton, Alberta, May 5, 2009. Co-authors: Dr. J. Murnaghan, Dr. N. Schachar, Dr. L. Zanussi, Dr. S. Kurtz, Dr. M.T. Lussier, Dr. C. Richard.
- Orthopaedic Trauma Curriculum, Canadian Continuing Medical Education Meeting, Edmonton, Alberta, May 5, 2009. Dr. V. Wadey, Dr. D. Hedden.
- Competencies Necessary for an Orthopaedic Surgery Residency Program Within Canada, International Conference on Residency Education, Victoria, BC, September 24-26, 2009. Dr. V. Wadey, Dr. D. Hedden.