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# **RYAN TERENCE BICKNELL, MD, MSc, FRCSC**

Associate Professor, Orthopaedic Surgery  
Department of Surgery  
Department of Mechanical and Materials Engineering  
Queen's University

## **BUSINESS ADDRESS**

Kingston Health Sciences Centre  
Kingston General Hospital Site - Watkins 3  
76 Stuart Street  
Kingston, Ontario, Canada  
K7L 2V7  
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Email: [Ryan.Bicknell@kingstonhsc.ca](mailto:Ryan.Bicknell@kingstonhsc.ca)

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## ACADEMIC APPOINTMENTS

DEC 2017      Tenure  
- PRESENT      Department of Surgery  
                    Department of Mechanical and Materials Engineering  
                    Queen's University  
                    Kingston, Ontario, Canada

JAN 2014      Associate Professor (Cross-appointment)  
- PRESENT      Department of Mechanical and Materials Engineering  
                    Queen's University  
                    Kingston, Ontario, Canada

JULY 2013     Associate Professor  
- PRESENT     Division of Orthopaedic Surgery, Department of Surgery  
                    Queen's University  
                    Kingston, Ontario, Canada

SEPT 2007     Assistant Professor  
- JUNE 2013    Division of Orthopaedic Surgery, Department of Surgery  
                    Queen's University  
                    Kingston, Ontario, Canada

AUG 2006      Acting Instructor  
- JULY 2007    Department of Orthopaedics and Sports Medicine  
                    University of Washington  
                    Seattle, Washington

## HOSPITAL APPOINTMENTS

MAY 2017      Attending Staff  
- PRESENT      Campbellford Memorial Hospital  
                    Campbellford, Ontario, Canada

APRIL 2017    Attending Staff  
- PRESENT      Kingston Health Sciences Centre  
                    Kingston, Ontario, Canada

SEPT 2007     Attending Staff  
- APRIL 2017   Kingston General Hospital  
                    Kingston, Ontario, Canada

SEPT 2007     Attending Staff  
- APRIL 2017   Hotel Dieu Hospital  
                    Kingston, Ontario, Canada

## OTHER APPOINTMENTS

SEPT 2017     Medical Director  
- PRESENT     Upper Extremity Specialty Clinic  
                    Workplace Safety Insurance Board  
                    Kingston, Ontario, Canada

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APRIL 2017  
- PRESENT      Research Director  
Orthopaedic Surgery Residency Program  
Queen's University  
Kingston, Ontario, Canada

JAN 2015  
- JULY 2018      Examiner – Orthopaedic Surgery Examination Board  
Royal College of Physicians and Surgeons of Canada (RCPSC)

JUNE 2012  
- 2019            Vice President - Research  
Canadian Shoulder and Elbow Society (CSES) (Formerly JOINTS Canada)

JULY 2011  
- PRESENT       Co-director (with Dr. D. Pichora)  
Upper Extremity Fellowship  
Queen's University  
Kingston, Ontario, Canada

SEPT 2010  
- PRESENT       Consultant  
Upper Extremity Specialty Clinic  
Workplace Safety Insurance Board  
Kingston, Ontario, Canada

OCT 2009  
- PRESENT       Co-director, Clinical  
Human Mobility Research Centre (HMRC) Executive Committee  
Queen's University  
Kingston, Ontario, Canada

OCT 2009  
- PRESENT       Member, Clinical  
Human Mobility Research Centre (HMRC) Board of Directors  
Queen's University  
Kingston, Ontario, Canada

## EDUCATION

SEPT 2013  
- OCT 2013      **EUROPEAN EXCHANGE FELLOWSHIP**  
American Shoulder and Elbow Surgeons/European Society for Surgery of the Shoulder  
and Elbow (ASES/SECEC)  
Multiple sites throughout Europe

SEPT 2009  
- NOV 2009      **NORTH AMERICAN TRAVELING FELLOWSHIP**  
American Orthopaedic Association/Canadian Orthopaedic Association (AOA/COA)  
Multiple sites throughout "Midwest" North America

AUG 2006  
- JULY 2007     **SHOULDER AND ELBOW SURGERY FELLOWSHIP**  
Supervisor: Dr. FA Matsen  
University of Washington Medical Center, University of Washington  
Seattle, Washington

JUNE 2006       **VISITING SHOULDER SURGERY FELLOWSHIP**  
Supervisor: Dr. G Walch, Dr. L Nové-Josserand  
Clinique Sainte Anne Lumière, Lyon, France

FEB 2006  
- JULY 2006     **SHOULDER SURGERY FELLOWSHIP**  
Supervisor: Prof. P Boileau  
Hopital de l'Archet, Universitaire de Nice  
Nice, France

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- JULY 2005     **SHOULDER AND ELBOW SURGERY FELLOWSHIP**  
 - JAN 2006     Supervisors: Prof. DH Sonnabend, Dr. JS Hughes  
                   Royal North Shore Hospital, University of Sydney  
                   Sydney, Australia
- 2000 - 2005    **ORTHOPAEDIC SURGERY RESIDENCY TRAINING PROGRAM**  
                   University of Western Ontario  
                   London, Ontario, Canada
- 1997 – 2000    **DOCTOR OF MEDICINE**  
                   McMaster University  
                   Hamilton, Ontario, Canada
- 1996 – 1998    **MASTER OF SCIENCE - MEDICAL BIOPHYSICS**  
                   Supervisors: Dr. DG Chess, Dr. GJW King, Dr. PB Canham, Dr. JA Johnson  
                   University of Western Ontario  
                   London, Ontario, Canada
- 1992 – 1996    **HONOURS BACHELOR OF SCIENCE - BIOPHYSICS**  
                   University of Western Ontario  
                   London, Ontario, Canada

### **SPECIALTY QUALIFICATIONS**

- JUNE 2005     Fellow: Royal College of Physicians and Surgeons of Canada - Orthopaedic Surgery
- JULY 2007     Board Eligible, American Board of Orthopaedic Surgery - Orthopaedic Surgery

### **MEDICAL LICENSURE**

- JULY 2007     College of Physicians and Surgeons of Ontario, Certificate of Registration for  
 - PRESENT     Independent Practice, CPSO Registration Number: 74692
- OCT 2006     State of Washington Medical Board, Number: MD00047137  
 - JULY 2007
- AUG 2005     New South Wales Medical Board, MPO Number: 350747  
 - JAN 2006
- JULY 2000     College of Physicians and Surgeons of Ontario, Certificate of Registration for  
 - JUNE 2005    Postgraduate Education, CPSO Registration Number: 74692

### **CONTINUING EDUCATION**

- 2019           Canadian Shoulder and Elbow Society (CSES) 2019 Shoulder Course  
                   American Academy of Orthopaedic Surgeons Annual Meeting  
                   American Shoulder and Elbow Surgeons Open Meeting  
                   Zimmer-Biomet Institute Upper Extremity Arthroplasty Course (Chicago)  
                   AAOS/ASES Reverse Total Shoulder and Latarjet/Open Instability Procedures Course
- 2018           American Shoulder and Elbow Surgeons Annual (Closed) Meeting
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- Canadian Shoulder and Elbow Society (CSES) 2018 Shoulder Course  
Zimmer-Biomet Institute Sports Medicine and Shoulder Arthroplasty Course (Phoenix)  
Canadian Orthopaedic Association Annual Meeting  
ACCESS Annual Meeting  
SECEC-ESSE Open Meeting (Geneva)  
Conmed Linvatec Clearwater Arthroscopy Meeting
- 2017 Canadian Shoulder and Elbow Society (CSES) 2017 Shoulder Course  
American Academy of Orthopaedic Surgeons Annual Meeting  
American Shoulder and Elbow Surgeons Open Meeting  
Conmed Linvatec Winnipeg Shoulder Arthroscopy Course  
AAOS/ASES Reverse Total Shoulder and Latarjet/Open Instability Procedures Course  
Canadian Orthopaedic Association Annual Meeting  
DePuy Synthes Shoulder Arthroplasty Course (Toronto)  
AAOS/ASES Management of Massive Rotator Cuff Tears Procedures Course  
Conmed Shoulder Arthroscopy Lab (Mississauga)  
ACCESS Annual Meeting
- 2016 American Shoulder and Elbow Surgeons Closed Meeting  
Canadian Shoulder and Elbow Society (CSES) 2016 Shoulder Course  
Zimmer Sport Medicine and Comprehensive Shoulder System Bioskills Course (Miami)  
Canadian Orthopaedic Association Annual Meeting  
DePuy-Synthes Sport Medicine and Shoulder Arthroplasty Customer Visit (Raynham)  
Ontario Orthopaedic Association Annual Meeting  
AAOS/ASES Elbow Reconstruction: State-of-the-Art Concepts Course  
Crucial Accountability Course, Ontario Medical Association  
Conmed Linvatec Clearwater Arthroscopy Meeting
- 2015 American Shoulder and Elbow Surgeons Closed Meeting  
JOINTS Canada 2015 Ottawa Shoulder Course  
American Academy of Orthopaedic Surgeons Annual Meeting  
American Shoulder and Elbow Surgeons Open Meeting  
McMaster Resident Shoulder Arthroscopy Course (Mississauga)  
DePuy Synthes Shoulder Arthroplasty Course (Toronto)  
Canadian Orthopaedic Association Annual Meeting  
Crucial Conversations Course, Ontario Medical Association  
SECEC-ESSE Open Meeting (Milan)  
Manitoba Orthopaedic Symposium  
Ontario Orthopaedic Association Annual Meeting  
ACCESS Annual Meeting
- 2014 American Shoulder and Elbow Surgeons Closed Meeting  
JOINTS Canada 2014 Ottawa Shoulder Course  
Zimmer Elbow Arthroplasty Bioskills Course (Las Vegas)  
Combined American and Canadian Orthopaedic Association Annual Meeting  
Zimmer Reverse Shoulder Bioskills Course (New Jersey)  
Conmed Linvatec Clearwater Arthroscopy Meeting
- 2013 American Academy of Orthopaedic Surgeons Annual Meeting  
American Shoulder and Elbow Surgeons Open Meeting  
JOINTS Canada 2013 Montreal Shoulder Course  
Conflict Resolution Faculty Development Course, Queen's University  
Conmed Linvatec Innovative Concepts in Shoulder Arthroscopy (Honolulu)  
International Advanced Course on Elbow Surgery (Madrid)  
SECEC-ESSE Closed Meeting (Madrid)
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	Shoulder Surgery Course, Balgrist University Hospital (Zurich) ACCESS Annual Meeting
2012	American Shoulder and Elbow Surgeons Closed Meeting American Academy of Orthopaedic Surgeons Annual Meeting American Shoulder and Elbow Surgeons Open Meeting JOINTS Canada 2012 Montreal Shoulder Course Canadian Orthopaedic Association Annual Meeting Zimmer Shoulder Arthroplasty Bioskills Course (Paris) DePuy Masters Shoulder Arthroplasty Course (Toronto)
2011	American Shoulder and Elbow Surgeons Closed Meeting American Academy of Orthopaedic Surgeons Annual Meeting American Shoulder and Elbow Surgeons Open Meeting DePuy Masters Shoulder Arthroplasty Course (London) DePuy Masters Shoulder Arthroplasty Course (Vancouver) ACCESS Annual Meeting Canadian Orthopaedic Association Annual Meeting
2010	Canadian Orthopaedic Association Annual Meeting Ontario Orthopaedic Association Annual Meeting ACCESS Annual Meeting Conmed Linvatec Clearwater Innovative Arthroscopy Meeting
2009	American Academy of Orthopaedic Surgeons Annual Meeting American Shoulder and Elbow Surgeons Open Meeting Canadian Orthopaedic Association Annual Meeting Ontario Orthopaedic Association Annual Meeting
2008	American Academy of Orthopaedic Surgeons Annual Meeting American Shoulder and Elbow Surgeons Open Meeting Nice Shoulder Course Canadian Orthopaedic Association Annual Meeting
2007	American Academy of Orthopaedic Surgeons Annual Meeting American Shoulder and Elbow Surgeons Open Meeting Arthroscopy Association of North America Annual Meeting Canadian Orthopaedic Association Annual Meeting American Orthopaedic Society for Sports Medicine Annual Meeting Tornier Shoulder Arthroplasty Course
2006	Nice Shoulder Course
2005	American Academy of Orthopaedic Surgeons Annual Meeting American Shoulder and Elbow Surgeons Open Meeting Orthopaedic Research Society Annual Meeting American Academy of Orthopaedic Surgeons Orthopaedic Review Course Canadian Orthopaedic Resident Annual Forum Sainte Justine Paediatric Orthopaedic Review Course Tornier Elbow Arthroplasty Course
2004	International Congress on Surgery of the Shoulder International Society for Computer Assisted Orthopaedic Surgery Annual Meeting American Academy of Orthopaedic Surgeons Annual Meeting American Shoulder and Elbow Surgeons Open Meeting Orthopaedic Research Society Annual Meeting

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	American Academy of Orthopaedic Surgeons Orthopaedic Review Course Residents and Fellows Arthroscopy Annual Conference Canadian Orthopaedic Association Annual Basic Science Course
2003	Arthroscopy Association of North America Annual Meeting Canadian Orthopaedic Association Annual Meeting Canadian Orthopaedic Research Society Annual Meeting Canadian Orthopaedic Residents' Association Annual Meeting
2002	Canadian Orthopaedic Residents' Association Annual Meeting AO ASIF Principles of Fracture Management Basic Course
2001	Canadian Orthopaedic Residents' Association Annual Meeting Canadian Orthopaedic Association Annual Meeting Canadian Orthopaedic Research Society Annual Meeting
2000	Canadian Orthopaedic Residents' Association Annual Meeting
1999	American Academy of Orthopaedic Surgeons Annual Meeting Orthopaedic Research Society Annual Meeting
1998	Orthopaedic Research Society Annual Meeting Canadian Orthopaedic Association Annual Meeting Canadian Orthopaedic Research Society Annual Meeting Lawson Research Institute Seminar Series
1997	Orthopaedic Research Society Annual Meeting Canadian Orthopaedic Association Annual Meeting Canadian Orthopaedic Research Society Annual Meeting Regional Symposium on Skeletal Biology & Metabolic Bone Disease – University of Western Ontario Lawson Research Institute Seminar Series

## RESEARCH GRANTS AND FUNDING

Title:	Cognitive Behavioural Therapy to Improve Patient Outcomes Following Internal Fixation of Extremity Fractures: A Randomized Controlled Trial (SPOC-CBT)
Source:	Canadian Institutes of Health Research
Amount:	\$2,275,876
Duration:	2018 to 2022
Role:	Co-investigator
Title:	Effect of Proton Pump Inhibitor use on Hip and Knee Joint Revision Rates
Source:	Queen's Department of Surgery (ICES)
Amount:	\$10,855
Duration:	2018 to 2019
Role:	Co-investigator
Title:	Excellence in Orthopaedic Education – Borschneck D, et al (12 Orthopaedic Surgeons)
Source:	Zimmer Canada Agreement
Amount:	\$50,000
Duration:	2018 – 2019
Role:	Co-Investigator

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Title: Excellence in Orthopaedic Education – Borschneck D, et al (12 Orthopaedic Surgeons)  
Source: Zimmer Canada Agreement  
Amount: \$50,000  
Duration: 2017 – 2018  
Role: Co-Investigator

Title: Effect of Screw Placement on Micromotion in Reverse Shoulder Arthroplasty  
Source: John Franklin Kidd Studentship, Faculty of Health Sciences, Queen's University  
Amount: \$5,000  
Duration: 2017  
Role: Research Supervisor (Tiffany Lung)

Title: Effect of Trabecular Bone Density and Screw Placement on Micromotion in Reverse Shoulder Arthroplasty  
Source: Women's Giving Circle Funds, Faculty of Health Sciences, Queen's University  
Amount: \$16,200  
Duration: 2017 – 2018  
Role: Principal Investigator

Title: A Study of the Trabecular Bone Density Distribution in the Scapula Relevant to Reverse Shoulder Arthroplasty  
Source: Canadian Orthopaedic Research Legacy (CORL) Grant, Canadian Orthopaedic Foundation  
Amount: \$20,000  
Duration: 2017 – 2018  
Role: Principal Investigator

Title: Excellence in Orthopaedic Education – Borschneck D, et al (12 Orthopaedic Surgeons)  
Source: Zimmer Canada Agreement  
Amount: \$50,000  
Duration: 2016 – 2017  
Role: Co-Investigator

Title: Excellence in Orthopaedic Education – Borschneck D, et al (12 Orthopaedic Surgeons)  
Source: Zimmer Canada Agreement  
Amount: \$50,000  
Duration: 2015 – 2016  
Role: Co-Investigator

Title: Orthopaedic Research – HMRC Borschneck D, et al (11 Orthopaedic Surgeons)  
Source: DePuy Research Contract  
Amount: \$650,000  
Duration: 2014 – 2015  
Role: Co-Investigator

Title: Treatment of adhesive capsulitis: a randomized placebo-controlled trial comparing arthrographic joint distention with steroid and local anesthetic versus arthrographic joint distention with local anesthetic alone  
Source: Physicians' Services Incorporated (PSI) Foundation  
Amount: \$19,500  
Duration: 2013-2014  
Role: Principal Investigator

Title: Orthopaedic Research – Human Mobility Research Centre (HMRC)  
Source: DePuy, Johnson & Johnson Medical Products  
Amount: \$450,000

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Duration: 2012-2013  
Role: Co-Investigator

Title: Advanced 3D imaging and planning of surgical shoulder reconstruction  
Source: Academic Health Science Centre (AHSC) AFP Innovation Fund  
Amount: \$80,358  
Duration: 2012-2013  
Role: Co-Investigator

Title: Fixation using alternative implants for the treatment of hip fractures: A multi-center RCT comparing sliding hip screws (FAITH)  
Source: McMaster University  
Amount: \$15,000 (\$5,000/year)  
Duration: 2010-2013  
Role: Co-Investigator, Coordinator - Kingston Site

Title: All arthroscopic or mini-open repair of a rotator cuff tear: A Canadian multi-center RCT  
Source: CIHR Randomized Controlled Trial  
Amount: \$5,000  
Duration: 2010-2013  
Role: Co-Investigator, Coordinator - Kingston Site

Title: Fluid lavage of open wounds: A multi-centre, blinded, factorial trial comparing alternative irrigating solutions and pressures in patients (FLOW)  
Source: McMaster University  
Amount: \$10,000  
Duration: 2010-2013  
Role: Co-Investigator, Coordinator - Kingston Site

Title: The use of upper extremity joint analysis in the care of the orthopaedic patient  
Source: Academic Health Science Centre (AHSC) AFP Innovation Fund  
Amount: \$26,068  
Duration: 2010  
Role: Principal Investigator

Title: Investigation of factors contributing to stability of reverse shoulder arthroplasty  
Source: Queen's University Research Initiation Grant  
Amount: \$30,000  
Duration: 2008-2013  
Role: Principal Investigator

Title: Humeral resurfacing hemiarthroplasty vs conventional stemmed hemiarthroplasty: A Canadian multi-centre RCT  
Source: University of Calgary  
Amount: \$25,350  
Duration: 2008-2010  
Role: Co-Investigator

Title: Orthopaedic Research – Human Mobility Research Centre (HMRC)  
Source: DePuy, Johnson & Johnson Medical Products (contract\_  
Amount: \$1,050,000 (\$350,000/year)  
Duration: 2007-2010  
Role: Co-Investigator

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## CURRENT RESEARCH

### Basic Science

- 1) Investigation of Factors Contributing to Stability/ROM of Reverse Shoulder Arthroplasty  
Ehrlich J, Barr C, Potter D, Anam E, Bryant T, Rainbow M, Bicknell RT  
Human Mobility Research Centre, Queen's University  
Kingston, Ontario, Canada
- 2) The Effect of Partial and Complete Rotator Cuff Repair on Restoration of Shoulder Kinematics and Arm Positioning: A Biomechanical Cadaveric Study  
Ehrlich J, Barr C, Potter D, Anam E, Bryant T, Rainbow M, Bicknell RT  
Human Mobility Research Centre, Queen's University  
Kingston, Ontario, Canada
- 3) Investigation of Factors Affecting Glenoid Baseplate Micromotion in Reverse Shoulder Arthroplasty  
Lung T, Ehrlich J, Torkan L, Bryant T, Rainbow M, Bicknell RT  
Human Mobility Research Centre, Queen's University  
Kingston, Ontario, Canada
- 4) Analysis of Scapula Bone Density for Glenoid Baseplate Implantation  
Ehrlich J, Bryant T, Rainbow M, Bicknell RT  
Human Mobility Research Centre, Queen's University  
Kingston, Ontario, Canada
- 5) The Effect of Cranial Orientation on Shoulder Biomechanics  
Lee ECS, Roach NT, Clouthier A, Bicknell RT, Bey MJ, Young NM, Rainbow MJ  
Human Mobility Research Centre, Queen's University  
Kingston, Ontario, Canada
- 6) Investigation of Factors Affecting Humeral Micromotion in Stemless Shoulder Arthroplasty  
Torkan L, Lockhart J, Armstrong M, Bryant T, Rainbow M, Bicknell RT  
Human Mobility Research Centre, Queen's University  
Kingston, Ontario, Canada

### Clinical

- 1) ~~Humeral Head Autograft for Treatment of Glenoid Bone Loss in Reverse Shoulder Arthroplasty~~  
Habis A, Mei X, Bicknell RT  
Human Mobility Research Centre, Queen's University  
Kingston, Ontario, Canada
  - 2) The Use of Upper Extremity Joint Analysis (KINARM) in the Care of the Orthopaedic Patient  
Anam E, Sendher R, Bicknell RT, Scott S  
Human Mobility Research Centre, Queen's University  
Kingston, Ontario, Canada
  - 3) Treatment of Adhesive Capsulitis: A Randomized Controlled Trial Comparing Arthrographic Joint Distension with Steroid, Saline and Local Anesthetic Versus Arthrogram with Local Anesthetic Alone  
Tohidi M, Tucker A, Hiscox C, Bicknell RT  
Human Mobility Research Centre, Queen's University  
Kingston, Ontario, Canada
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- 4) A Multicenter Study of the Sidus Stem-Free Shoulder Arthroplasty System  
Zimmer-Biomet Investigators  
Zimmer-Biomet Inc.  
Warsaw, Indiana, USA
  - 5) Shoulder Arthroplasty Failure Experience (SAFE): A Multicenter Study  
Matsen FA, Bicknell RT, et al.  
University of Washington  
Seattle, Washington, USA
  - 6) Does Systemic Dexamethasone Prolong Analgesia After Interscalene Catheter Removal Following Shoulder Arthroplasty? A Randomized Controlled Trial  
Shyam V, Ho A, Bicknell RT, Murdoch J, Raghavan G  
Department of Anaesthesia, Queen's University  
Kingston, Ontario, Canada
  - 7) Post-operative Time to Discharge and Pain Scores/Opioid Requirements Following Interscalene Catheter Removal at 30 Hours Versus 48 Hours Amongst Patients Undergoing Shoulder Arthroplasty.  
Shyam V, Raghavan G, Bicknell RT, Murdoch J  
Department of Anaesthesia, Queen's University  
Kingston, Ontario, Canada
  - 8) Comparison of the Efficacy of a Novel Periarticular Analgesic Injection to Single Shot Ultrasound-guided Interscalene Brachial Plexus Blockade as Part of a Multimodal Analgesia Regime in Patients Undergoing Arthroscopic Shoulder Surgery  
Murdoch J, Shyam V, Bardana D, Bicknell RT  
Department of Anaesthesia, Queen's University  
Kingston, Ontario, Canada
  - 9) Pre or Postoperative Interscalene Block and/or General Anesthesia for Shoulder Surgery  
Bosco L, Zhou C, Murdoch J, **Bicknell RT**, Hopman WM, Phelan R, Shyam V  
Department of Anaesthesia, Queen's University  
Kingston, Ontario, Canada
  - 10) Musculoskeletal Disorders in Upper Extremity Surgeons  
AlQahtani S, Pichora D, Bicknell RT  
Human Mobility Research Centre, Queen's University  
Kingston, Ontario, Canada
  - 11) A Multicenter Study of the Nano Comprehensive Stemless Shoulder Arthroplasty System  
Zimmer-Biomet Investigators  
Zimmer-Biomet Inc.  
Warsaw, Indiana, USA
  - 12) A Multicenter Study of the ICON Stemless Shoulder Arthroplasty System  
DePuy-Synthes Investigators  
DePuy-Synthes Orthopaedics Inc.  
Warsaw, Indiana, USA
  - 13) Does Proton-Pump Inhibitor Use Increase Implant Failure in Arthroplasty Patients  
Robertson D, Bicknell RT, Brogly S, Hall S, Rudan J  
Department of Surgery, Queen's University  
Kingston, Ontario, Canada
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- 14) Cognitive Behavioral Therapy to Optimize Post-Operative Recovery: A Randomized Controlled Trial (COPE)  
CLARITY Group (Primary Investigator: Bhandari M)  
McMaster University  
Hamilton, Ontario, Canada

## JOURNAL PUBLICATIONS

### Peer Reviewed

- 1) Venne G, Pickell M, Ellis R, **Bicknell RT**: Reliability of a Novel 3D Method for Reverse Shoulder Arthroplasty Post-operative Evaluation, J Shoulder Elbow Surg Open Access 2019 (In Publication).
  - 2) Aibinder WR, **Bicknell RT**, Bartsch S, Scheibel M, Athwal G: Subscapularis Management in Stemless Total Shoulder Arthroplasty: Tenotomy versus Peel versus Lesser Tuberosity Osteotomy, J Shoulder Elbow Surg 2019 (In Publication).
  - 3) Lung T, Cruickshank D, Grant HJ, Rainbow MJ, Bryant T, **Bicknell RT**: Factors Contributing to Glenoid Baseplate Micromotion in Reverse Shoulder Arthroplasty: A Biomechanical Study, J Shoulder Elbow Surg 2018 (In Publication).
  - 4) Venne G, Esau G, **Bicknell RT**, Bryant JT: 3D Printed Anatomy-Specific Fixture for Consistent Glenoid Cavity Position in Shoulder Simulator, Journal of Healthcare Engineering 2018; 2018: 6 pages.
  - 5) Daalder M, Venne G, Rainbow M, Bryant T, **Bicknell RT**: Trabecular Bone Density Distribution in the Scapula Relevant to Reverse Shoulder Arthroplasty, J Shoulder Elbow Surg Open Access (In Publication).
  - 6) Sprague S, Tornetta P 3<sup>rd</sup>, Slobogean GP, O'Hara NN, McKay P, Petrisor B, Jeray K, Schemitsch EH, Sanders D, Bhandari M; **FLOW Investigators**: Are Large Clinical Trials in Orthopaedic Trauma Justified?, BMC Musculoskelet Disord 2018;19(1):124.
  - 7) Bosco L, Zhou C, Murdock J, **Bicknell RT**, Hopman WM, Phelan R, Shyam V: Pre- or Postoperative Interscalene Block and/or General Anesthesia for Shoulder Surgery: A Retrospective Observational Study, Can J Anaesth 2017;64(10):1048-1058.
  - 8) **CSES, Canadian Shoulder and Elbow Society**, Rouleau D, Canet F, Bedard R, Petit Y: Teaching Simulated Arthroscopic Bankart Repair: Residents' Assessment at the CSES-Canada Annual Shoulder Review Course, Can J Surg 2018 (In publication).
  - 9) Sprague S, Petrisor B, Jeray K, McKay P, Heels-Ansdell D, Schemitsch EH, Liew S, Guyatt G, Walter SD, Bhandari M; **FLOW Investigators**: Wound Irrigation Does Not Affect Health-related Quality of Life After Open Fractures: Results of a Randomized Controlled Trial, Bone Joint J 2018;100:88-94.
  - 10) **Canadian Shoulder and Elbow Society (CSES)**: Canadian Orthopaedic Residents Perception of Their Needs in Elbow Surgery Teaching, Journal of Education and Training Studies 2018;6(3).
  - 11) Sprague S, Bhandari M, Heetveld MJ, Liew S, Scott T, Bzovsky S, Heels-Ansdell D, Zhou Q, Swiontkowski M, Schemitsch EH; **FAITH investigators**: Factors Associated with Health-Related
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Quality of Life, Hip Function, and Health Utility after Operative Management of Femoral Neck Fractures, *Bone Joint J* 2018;100-B:361-369.

- 12) Sprague S, Schemitsch EH, Swiontkowski M, Della Rocca GJ, Jeray KJ, Liew S, Slobogean G, Bzovsky S, Heels-Ansdell D, Zhou Q, Bhandari M; **FAITH Investigators**: Factors Associated with Revision Surgery Following Internal Fixation of Hip Fractures, *J Orthop Trauma* 2018;32(5):223-230.
  - 13) Sprague S, Slobogean GP, Bogoch E, Petrisor B, Garibaldi A, O'Hara N, Bhandari M; **FAITH Investigators**: Vitamin D Use and Health Outcomes Following Hip Fracture Surgery, *Orthopedics* 2017;40(5):e868-e875.
  - 14) Tucker A, Hiscox C, AlQahtani S, **Bicknell RT**: Analysis of the Clinical Outcome of Arthrographic Steroid Injection for the Treatment of Adhesive capsulitis, *The Open Orthopedics Journal* 2017;11:804-9.
  - 15) Davis DE, Maltenfort M, Abboud JA, Getz CL, **ACESS Group**: Classifying Shoulder Synovitis: A Novel Intra-operative Scoring System, *J Shoulder Elbow Surg* 2017;26:2047-2053.
  - 16) Frank T, Osterhoff G, Sprague S, Garibaldi A, Bhandari M, Slobogean GP, **FAITH Trial Investigators**: Fracture Fixation in the Operative Management of Hip Fractures (FAITH): An International, Multicentre, Randomized Controlled Trial, *Lancet* 2017;389(10078):1519-1527.
  - 17) Frank T, Osterhoff G, Sprague S, Garibaldi A, Bhandari M, Slobogean GP, **FAITH Investigators**: The Radiographic Union Score for Hip (RUSH) Identifies Radiographic Nonunion of Femoral Neck Fractures, *Clinical Orthopaedics and Related Research* 2016;474(6):1396-404.
  - 18) **CSES, Canadian Shoulder and Elbow Society**: Design and Implementation of the 2012 Canadian Shoulder Course for Senior Orthopedic Residents, *Orthop Traumatol Surg Res* 2016;102(7):885-890. PMID: 27743999
  - 19) Ponzio DY, VanBeek C, Wong J, Padegimas EM, Anakwenze OA, Getz CL, Abboud JA, **ACESS Group**: Profile of Current Opinion on Arthroscopic Acromioplasty : A Video Survey Study, *Arthroscopy* 2016;32(7):1253-1262. PMID: 27117824
  - 20) **FLOW Investigators**, Bhandari M, Jeray KJ, Petrisor BA, Devereux PJ, Heels-Ansdell D, Schemitsch EH, Anglen J, Della Rocca GJ, Jones C, Kreder H, Liew S, McKay P, Papp S, Sancheti P, Sprague S, Stone TB, Sun X, Tanner SL, Tornetta P, Tufescu T, Walter S, Guyatt GH: A Trial of Wound Irrigation in the Initial Management of Open Fracture Wounds, *N Engl J Med* 2015;373(27):2629-41. PMID: 27599831
  - 21) Brown G, Park K, **Bicknell RT**: Management of Occupational Shoulder Injuries in Primary Care, *J Musculoskelet Disord Treat* 2015;1;1.
  - 22) Zielinski SM, Heetveld MJ, Bhandari M, Patka P, Van Lieshout EM, **FAITH Trial Investigators**: Implant Removal After Internal Fixation of a Femoral Neck Fracture: Effects on Physical Functioning, *J Orthop Trauma* 2015;29:e285-92. PMID: 26165264
  - 23) Burgers PT, Poolman RW, Van Bakel TM, Tuinebreijer WE, Zielinski SM, Bhandari M, Patka P, Van Lieshout EM, **HEALTH and FAITH Investigators**: Reliability, Validity, and Responsiveness of the Western Ontario and McMaster Universities Osteoarthritis Index for Elderly Patients with a Femoral Neck Fracture, *J Bone Joint Surg Am* 2015;97:751-7. PMID: 25948522
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  - 18) **Bicknell RT**, Boileau P, Chuinard C, El Fegoun AB: Arthroscopic Bristow: A New "Belt and Suspenders" Technique for the Treatment of Anterior Shoulder Instability. Canadian Orthopaedic Association. J Bone Joint Surg Br 2009;91:227.
  - 19) **Bicknell RT**, Boileau P, Chuinard C, Jacquot N, Neyton L, Richou J: Arthroscopic Revision of Failed Open Anterior Stabilization of the Shoulder. Canadian Orthopaedic Association. J Bone Joint Surg Br 2009;91:227.
  - 20) Kedgley AE, **Bicknell RT**, Delude J, Ferreira L, Dunning C, King GJW, Faber KJ, Drosdowech DS: Computer-Assisted Shoulder Hemiarthroplasty Improves Humeral Head Position. Canadian Orthopaedic Research Society and Canadian Orthopaedic Association. J Bone Joint Surg Br 2008;90S:125.
  - 21) **Bicknell RT**, Harwood JC, Ferreira L, King GJW, Johnson JA, Faber KJ, Drosdowech DS: Cyclic Loading of Rotator Cuff Repairs: An In-Vitro Biomechanical Comparison of Bioabsorbable Anchors with Transosseous Sutures. Canadian Orthopaedic Research Society and Canadian Orthopaedic Association. J Bone Joint Surg Br 2008;90S:51.
  - 22) **Bicknell RT**, Richou J, Gonzalez JF, Neyton L, MD, Jacquot N, Chuinard C, Boileau P: Arthroscopic Revision of Failed Open Anterior Stabilization of the Shoulder (SS-06). Arthroscopy 2007;23(6S):e3-e4.
  - 23) **Bicknell RT**, Chuinard C, Boileau P: Arthroscopic Biceps Tenotomy And Tenodesis For Massive Irreparable Rotator Cuff Tears (SS-27). Arthroscopy 2007;23(6S):e14.
  - 24) **Bicknell RT**, Parratte S, Chuinard C, Jacquot N, Trojani C, Boileau P: Arthroscopic Treatment of Type II SLAP Lesions: Biceps Tenodesis as an Alternative to Reinsertion (SS-54). Arthroscopy 2007;23(6S):e27.
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- 25) Kedgley AE, **Bicknell RT**, DeLude JA, Ferreira LM, Dunning CE, King GJW, Faber KJ, Drosdowech DS, Johnson JA: Assessment of Humeral Head Position During Glenohumeral Abduction with Computer-Assisted Shoulder Hemiarthroplasty. *Trans ORS* 2006;31:1971.
  - 26) DeLude JA, **Bicknell RT**, Mackenzie GA, Ferreira LM, Dunning CE, King GJW, Johnson JA, Drosdowech D: An Anthropometric Study of the Bilateral Anatomy of the Humerus. *Trans ORS* 2005;30:0602.
  - 27) **Bicknell RT**, Drosdowech DS, Faber KJ, King GJW, Ferreira L, Johnson JA: Computer Assisted Shoulder Hemiarthroplasty for Fractures of the Proximal Humerus. Abstracts from CAOS International 2004 4<sup>th</sup> Annual Meeting of the International Society for Computer Assisted Orthopaedic Surgery 2004;3:87-121.
  - 28) **Bicknell RT**, Harwood JC, Ferreira L, King GJW, Johnson JA, Faber KJ, Drosdowech DS: Cyclic Loading of Rotator Cuff Repairs: An In-Vitro Biomechanical Comparison of Bioabsorbable Anchors with Transosseous Sutures. *Trans ORS* 2004;29:0180.
  - 29) **Bicknell RT**, Drosdowech DS, Faber KJ, King GJW, Ferreira L, Johnson JA: Cyclic Loading of Rotator Cuff Repairs: An In-Vitro Biomechanical Comparison of Bioabsorbable Anchors with Transosseous Sutures. Combined Orthopaedic Associations 2004, *J Bone Joint Surg Br* 2004;87:331.
  - 30) Dunning CE, Lindsay CS, **Bicknell RT**, Patterson SD, Johnson JA, King GJW: Brachioradialis Load and Forearm Position Affect the Stability of Distal Radius Fractures. *Trans ORS* 1999;24:262.
  - 31) **Bicknell RT**, Danter MR, Patterson SD, King GJW, Johnson JA, Chess DG: The Influence of Implant Thickness and Articular Congruency on Stability of an All-Metal Glenoid Component. *Trans ORS* 1999;24:363.
  - 32) Lindsay CS, Dunning CE, **Bicknell RT**, Johnson JA, King GJW, Patterson SD: In-Vitro Stability of a New Hybrid Ring External Fixator vs The Dorsal AO Plate. *Trans ORS* 1998;23:747.
  - 33) Dunning CE, Lindsay CS, **Bicknell RT**, Patterson SD, Chess DG, Johnson JA, King GJW: Supplemental Pinning Improves the Stability of External Fixation in Simulated Distal Radius Fractures. *Trans ORS* 1998;23:286.
  - 34) **Bicknell RT**, Danter MR, Bennett J, Patterson SD, King GJW, Johnson JA, Chess DG: An Anthropometric Evaluation of the Glenoid: Implications in the Design and Fixation of a Shoulder Prosthesis. *Trans ORS* 1998;23:270.

## Other Publications

- 1) **Bicknell RT**: Perspective on “Steroid Injection Significantly Relieved Shoulder Pain at 6 Weeks”. *Orthopedics Today*, Healio, February, 2018.
  - 2) Lisa Kadane, **Bicknell RT**: How To Deal With Frozen Shoulder Pain – And Yes, It’s A Real Thing!. *Best Health, Readers Digest*, November, 2017.
  - 3) **Bicknell RT**: Perspective on “Benefits Seen With Use of Convertible-Platform Stem for TSA Converted to a Reverse Arthroplasty”. *Orthopedics Today*, Healio, August 29, 2017.
  - 4) **Bicknell RT**: VIDEO: Arthrographic Joint Injection is Effective for Adhesive Capsulitis Treatment With, Without Steroids. *Orthopedics Today*, Healio, October 17, 2016.
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## CONFERENCE PRESENTATIONS

### International

- 1) Factors Contributing to Glenoid Baseplate Micromotion in Reverse Shoulder Arthroplasty: A Biomechanical Study  
**Bicknell RT**, Lung T, Cruickshank D, Bryant T, Rainbow M,  
27<sup>th</sup> Congress of the International Society of Biomechanics  
Calgary, AB, Canada, 2019 (Poster).
  - 2) Effect of Rotator Cuff Integrity on Deltoid Efficiency following Reverse Shoulder Arthroplasty: A Biomechanical Model  
Potter D, Anam E, Barr C, Bryant T, Rainbow M, Grant H, **Bicknell RT**  
27<sup>th</sup> Congress of the International Society of Biomechanics  
Calgary, AB, Canada, 2019 (Poster).
  - 3) Quantifying the Distribution of Scapular Bone Density to Guide Optimal Screw Placement in Reverse Shoulder Arthroplasty  
Ehrlich J, Vendries V, Bryant T, Rainbow M, **Bicknell RT**  
27<sup>th</sup> Congress of the International Society of Biomechanics  
Calgary, AB, Canada, 2019.
  - 4) Quantifying the Distribution of Scapular Bone Density to Guide Optimal Screw Placement in Reverse Shoulder Arthroplasty  
Ehrlich J, Vendries V, Bryant T, Rainbow M, **Bicknell RT**  
International Combined Orthopaedic Research Societies Meeting  
Montreal, QC, Canada, 2019.
  - 5) Prevalence of Musculoskeletal Disorders Among Shoulder and Elbow Surgeons  
**Bicknell RT**, Al-Qahtani S, Alzahrani M, Pichora DR  
86<sup>th</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons  
Las Vegas, Nevada, 2019 (Poster).
  - 6) The Incidence of Subsequent Fractures in the 2 Years Following a Femoral Neck Fracture Treated with Internal Fixation  
Bogoch E, Sprague S, Bzovsky S, Zhou Q, Bhandari M, Swiontkowski M, Schemitsch E; **FAITH Investigators**  
2018 Annual Meeting of the Orthopaedic Trauma Association  
Orlando, Florida, 2018.
  - 7) Early Radiographic Union Score for Hip Is Predictive of Femoral Neck Fracture Complications within 2 Years  
Bernaus M, Slobogean G, Bzovsky S, Heels-Ansdell D, Zhou Q, Bhandari M, Sprague S; **FAITH Investigators**  
2018 Annual Meeting of the Orthopaedic Trauma Association  
Orlando, Florida, 2018.
  - 8) Factors Contributing to Glenoid Baseplate Micromotion in Reverse Shoulder Arthroplasty  
**Bicknell RT**, Lung T, Cruickshank D, Bryant T, Rainbow M,  
28th Annual Meeting of the European Society for Surgery of the Shoulder and Elbow  
Geneva, Switzerland, 2018 (Poster).
  - 9) Prevalence of Musculoskeletal Disorders Among Shoulder and Elbow Surgeons  
**Bicknell RT**, Al-Qahtani S, Alzahrani M, Pichora DR
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28th Annual Meeting of the European Society for Surgery of the Shoulder and Elbow  
Geneva, Switzerland, 2018.

- 10) The Effect of Scapula Shape on Function of the Rotator Cuff Muscles  
Lee ECS, Roach NT, Clouthier A, **Bicknell RT**, Bey MJ, Young NM, Rainbow MJ.  
World Congress of Biomechanics (WCB)  
Dublin, Ireland, 2018.
  - 11) The Effect of Cranial Orientation on Shoulder Biomechanics  
Lee ECS, Roach NT, Clouthier A, **Bicknell RT**, Bey MJ, Young NM, Rainbow MJ  
2018 Annual Meeting of the Orthopaedic Research Society  
New Orleans, Louisiana, 2018 (Poster).
  - 12) Loss of Independence After Operative Management of Hip Fractures in the Elderly  
Schemitsch EH, Sprague S, Heetveld MJ, Bzovsky S, Heels-Ansdell D, Zhou Q, Swiontkowski M,  
Bhandari M; **FAITH investigators**  
85<sup>th</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons  
New Orleans, Louisiana, 2018 (Poster).
  - 13) Factors Associated with Revision Surgery Following Internal Fixation of Hip Fractures  
Sprague S, Schemitsch EH, Swiontkowski M, Della Rocca GJ, Jeray KJ, Liew S, Slobogean G,  
Bzovsky S, Heels-Ansdell D, Zhou Q, Bhandari M; **FAITH Investigators**  
85<sup>th</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons  
New Orleans, Louisiana, 2018 (Poster).
  - 14) Classifying Shoulder Synovitis: A Novel Intra-operative Scoring System  
Davis DE, Maltenfort M, Abboud JA, Getz CL, **ACCESS Group**  
American Orthopaedic Association Annual Meeting  
Charlotte, North Carolina, 2017 (Poster).
  - 15) Classifying Shoulder Synovitis: A Novel Intra-operative Scoring System  
Davis DE, Maltenfort M, Abboud JA, Getz CL, **ACCESS Group**  
34<sup>th</sup> Annual Shoulder Course, San Diego Shoulder Institute  
San Diego, California, 2017 (Poster).
  - 16) Randomized Controlled Trial Comparing Arthrographic Joint Distension with and without Steroids  
for the Treatment of Adhesive Capsulitis  
Tucker A, Hiscox C, **Bicknell RT**  
33<sup>rd</sup> Annual Closed Meeting of American Shoulder and Elbow Surgeons  
Boston, Massachusetts, 2016.
  - 17) Objective Functional Outcome after Anatomic and Reverse Shoulder Arthroplasty Assessed  
Using the KINARM  
Al-Qahtani S, Anam E, Sendher R, Pichora D, Bardana D, Scott S, **Bicknell RT**  
1<sup>st</sup> Dubai Shoulder Course  
Dubai, United Arab Emirates, 2016.
  - 18) An Anatomical Study of the Trabecular Bone Density Distribution in the Scapula Adjacent to the  
Glenoid Fossa  
Daalder M, Venne G, MacKenzie L, Rainbow M, Bryant T, **Bicknell RT**  
American Association of Anatomists Annual Meeting, Experimental Biology 2016 San Diego,  
California, 2016 (Poster).
  - 19) An Anatomical Study of the Trabecular Bone Density Distribution in the Scapula Relevant to
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Reverse Shoulder Arthroplasty Glenoid Baseplate Fixation  
Daalder M, Venne G, MacKenzie L, Rainbow M, Bryant T, **Bicknell RT**  
2016 Annual Meeting of the Orthopaedic Research Society  
Orlando, Florida, 2016 (Poster).

- 20) Comparing a Novel 3D-CT Reconstruction Method to Conventional 2D Approaches for Evaluating Glenoid Implant and Screw Position in Reverse Shoulder Arthroplasty  
Venne G, Pickell M, Pichora D, Ellis R, **Bicknell RT**  
26<sup>th</sup> Annual Meeting of the European Society for Surgery of the Shoulder and Elbow  
Milan, Italy, 2015.
- 21) Determining the Effect of Implant Design Variables on Impingement and Range-of-Motion in Reverse Shoulder Arthroplasty using a Novel Component Tracking Method  
North L, Pickell M, Deluzio K, Bryant T, **Bicknell RT**  
26th Annual Meeting of the European Society for Surgery of the Shoulder and Elbow  
Milan, Italy, 2015 (Poster).
- 22) Does Implant Adaptability Affect Functional Outcome Following Shoulder Arthroplasty: A Comparison of Two Implant Designs  
Arora D, Yeung R, **Bicknell RT**  
26th Annual Meeting of the European Society for Surgery of the Shoulder and Elbow  
Milan, Italy, 2015 (Poster).
- 23) A Comparison between Computer-assisted and Conventional Surgery for Baseplate and Screw Placement in Reverse Shoulder Arthroplasty  
**Bicknell RT**, Venne G, Rasquinha BJ, Pichora D, Ellis R  
31<sup>st</sup> Annual Closed Meeting of American Shoulder and Elbow Surgeons  
Pinehurst, NC, USA, 2014 (Poster)
- 24) Range of Motion and Stability in Reverse Shoulder Arthroplasty  
North L, Pickell M, Clouthier A, Bryant T, Deluzio K, **Bicknell RT**  
7<sup>th</sup> World Congress of Biomechanics  
Boston, MA, USA, 2014.
- 25) A Novel 3D Method for Evaluating Glenoid Implant and Screw Position for Reverse Shoulder Arthroplasty  
Venne G, Pickell M, **Bicknell RT**, Pichora D, Ellis R  
28<sup>th</sup> International Congress and Exhibition of Computer Assisted Radiology and Surgery  
Fukuoka, Japan, 2014.
- 26) Comparing a Novel 3D-CT Reconstruction Method to Conventional 2D Approaches for Evaluating Glenoid Implant and Screw Position for Reverse Shoulder Arthroplasty  
Venne G, Pickell M, Pichora D, **Bicknell RT**, Ellis R  
14<sup>th</sup> Annual Meeting of International Society for Computer Assisted Orthopaedic Surgery  
Milan, Italy, 2014.
- 27) Evaluation of Shoulder Arthroscopy Simulation for Orthopaedic Trainees  
Rouleau D, Drosdowech D, **Bicknell RT**, JOINTS Canada  
Combined Meeting of the American and Canadian Orthopaedic Associations  
Montreal, QC, Canada, 2014 (Poster).
- 28) A Comparison between Conventional and Navigated Baseplate Screw Placement in Reverse Shoulder Arthroplasty  
Venne G, Pickell M, **Bicknell RT**, Ellis R  
Combined Meeting of the American and Canadian Orthopaedic Associations  
Montreal, QC, Canada, 2014.
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- 29) Glenoid Inclination and Screw Position in Reverse Shoulder Arthroplasty: A Radiographic Assessment  
Pickell M, **Bicknell RT**  
81<sup>st</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons  
New Orleans, LA, USA, 2014 (Poster).
- 30) Factors Affecting Stability of Reverse Shoulder Arthroplasty  
**Clouthier A**, Hetzler M, Fedorak G, Bryant T, Deluzio K, Bicknell RT  
80<sup>th</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons  
Chicago, Illinois, 2013 (Poster)
- 31) Does Implant Adaptability Affect Functional Outcome Following Shoulder Arthroplasty: A Comparison of Two Implant Designs  
**Arora D**, Bicknell RT  
29<sup>th</sup> Annual Open Meeting of American Shoulder and Elbow Surgeon  
Chicago, Illinois, USA, 2013 (Poster).
- 32) Analyzing Shoulder Translation with Navigation Technology  
Zakanai S, Venne G, Smith EJ, **Bicknell RT**, Ellis RE  
26<sup>th</sup> International Congress and Exhibition of Computer Assisted Radiology and Surgery  
Pisa, Italy, 2012 (Poster).
- 33) Effect of Loading Direction on Force to Dislocation in Reverse Shoulder Arthroplasty: Assessment Using a Custom-designed Shoulder Kinematic Simulator  
Clouthier A, Hetzler M, Vivani S, Fedorak G, Deluzio K, Bryant T, **Bicknell RT**  
35<sup>th</sup> Annual Meeting of the American Society of Biomechanics  
Long Beach, CA, USA, 2011.
- 34) The Unstable Painful Shoulder (UPS): As a Cause of Pain from Unrecognized Instability in the Young Athlete  
Boileau P, Zumstein MA, Balg F, Penington S, **Bicknell RT**  
Annual Meeting of the Swiss Orthopaedic Association  
St. Gallen, Switzerland, 2010.
- 35) Propionibacterium Acnes Infections in Revision Shoulder Surgery: An Analysis of 20 Consecutive Cases with Positive Intra-operative Cultures  
**Bicknell RT**, Pottinger PS, Bertelsen A, Matsen FA  
25<sup>th</sup> Annual Open Meeting of American Shoulder and Elbow Surgeons  
Las Vegas, NV, USA, 2009.
- 36) Instability After Reverse Shoulder Arthroplasty  
**Bicknell RT**, Walch G, Nové-Josserand L, Bertelsen A, Matsen F  
25<sup>th</sup> Annual Open Meeting of American Shoulder and Elbow Surgeons  
Las Vegas, NV, USA, 2009.
- 37) Arthroscopic Bristow-Latarjet-Bankart for the Treatment of Anterior Instability in Shoulders with Glenoid Bone Loss and Deficient Anterior Capsule: The “Triple Blocking” of the Shoulder  
Boileau P, Roussanne Y, **Bicknell RT**  
25<sup>th</sup> Annual Closed Meeting of American Shoulder and Elbow Surgeons  
Santa Barbara, CA, USA, 2008.
- 38) Humeral Problems in Reverse Shoulder Arthroplasty  
Chuinard C, Trojani C, **Bicknell RT**, Boileau P  
75<sup>th</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons  
San Francisco, CA, USA, 2008 (Poster)
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- 39) Reverse Shoulder Arthroplasty: Indications and Results of the French Multicenter Study  
Boileau P, **Bicknell RT**, Chuinard C  
75<sup>th</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons  
San Francisco, CA, USA, 2008.
- 40) Results of Deep Infection After a Reverse Shoulder Arthroplast  
Boileau P, Jacquot N, Chuinard C, **Bicknell RT**  
24<sup>th</sup> Annual Open Meeting of American Shoulder and Elbow Surgeons  
San Francisco, CA, USA, 2008.
- 41) Results of Reverse Shoulder Arthroplasty in Proximal Humerus Fracture Sequelae  
Neyton L, Garaud P, Boileau P, **Bicknell RT**, Chuinard C  
24<sup>th</sup> Annual Open Meeting of American Shoulder and Elbow Surgeons  
San Francisco, CA, USA, 2008.
- 42) Reverse Shoulder Arthroplasty: Indications and Results of the French Multicenter Study  
Boileau P, **Bicknell RT**, Chuinard C  
24<sup>th</sup> Annual Open Meeting of American Shoulder and Elbow Surgeons  
San Francisco, CA, USA, 2008.
- 43) Humeral Problems in Reverse Total Shoulder Arthroplasty  
Chuinard C, Trojani C, **Bicknell RT**, Boileau P  
6<sup>th</sup> Biennial AAOS/ASES Shoulder and Elbow: Current Techniques and Controversies  
Orlando, FL, USA, 2008.
- 44) Arthroscopic Revision of Failed Open Anterior Stabilization of the Shoulder  
**Bicknell RT**, Chuinard C, Boileau P  
American Orthopaedic Society for Sports Medicine 2007 Annual Meeting  
Calgary, AB, Canada, 2007.
- 45) The Arthroscopic Bristow Technique For Treatment of Anterior Shoulder Instability  
**Bicknell RT**, Chuinard C, Boileau P  
American Orthopaedic Society for Sports Medicine 2007 Annual Meeting  
Calgary, Alberta, 2007.
- 46) Arthroscopic Treatment of Type II SLAP Lesions: Biceps Tenodesis as an Alternative to Reinsertion  
Parratte S, **Bicknell RT**, Chuinard C, Jacquot J, Trojani C, Boileau P  
10<sup>th</sup> International Congress of Shoulder and Elbow Surgery  
Bahia, Brazil, 2007.
- 47) Arthroscopic Bristow For Anterior Instability in Shoulders with a Stretched or Deficient Capsule: The "Belt and Suspenders" Operative Technique and Preliminary Results  
Boileau P, **Bicknell RT**, Chuinard C  
10<sup>th</sup> International Congress of Shoulder and Elbow Surgery  
Bahia, Brazil, 2007.
- 48) Results of Reverse Shoulder Arthroplasty in Proximal Humerus Fracture Sequelae  
Neyton L, Garaud P, Boileau P, **Bicknell RT**, Chuinard C  
10<sup>th</sup> International Congress of Shoulder and Elbow Surgery  
Bahia, Brazil, 2007.
- 49) Bony Increased-Offset Reverse Shoulder Arthroplasty (BIO-RSA): A Biologic Solution to Scapular Notching, Prosthetic Instability and Limited Shoulder Rotation  
Boileau P, Chuinard C, **Bicknell RT**, Pelegri C
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- 10<sup>th</sup> International Congress of Shoulder and Elbow Surgery  
Bahia, Brazil, 2007.
- 50) Humeral Problems in Reverse Total Shoulder Arthroplasty  
Chuinard C, Trojani C, Brassart N, **Bicknell RT**, Boileau P  
10<sup>th</sup> International Congress of Shoulder and Elbow Surgery  
Bahia, Brazil, 2007.
- 51) The Unstable Painful Shoulder (UPS): As a Cause of Pain from Unrecognized Instability in the  
Young Athlete  
Boileau P, **Bicknell RT**, Chuinard C, Penington S  
10<sup>th</sup> International Congress of Shoulder and Elbow Surgery  
Bahia, Brazil, 2007.
- 52) Arthroscopic Revision of Failed Open Anterior Stabilization of the Shoulder  
Boileau P, Richou J, Gonzalez JF, **Bicknell RT**, Neyton L, MD, Jacquot N, Chuinard C  
23<sup>rd</sup> Annual Open Meeting of American Shoulder and Elbow Surgeons  
San Diego, CA, USA, 2007.
- 53) Arthroscopic Treatment of Type II SLAP Lesions: Biceps Tenodesis as a Functional Alternative to  
Reinsertion  
Parratte S, Chuinard C, **Bicknell RT**, Jacquot N, Trojani C, Boileau P  
23<sup>rd</sup> Annual Open Meeting of American Shoulder and Elbow Surgeons  
San Diego, CA, USA, 2007.
- 54) Complications of Arthroplasty for Proximal Humerus Fractures: A 2 to 10 Year Multicenter  
Follow-up Study  
Chuinard C, Boileau P, Schild FJA, Coste JS, Burger BJ, **Bicknell RT**  
23<sup>rd</sup> Annual Open Meeting of American Shoulder and Elbow Surgeons  
San Diego, CA, USA, 2007.
- 55) Arthroscopic Bristow: A New "Belt and Suspenders" Technique For The Treatment Of Anterior  
Shoulder Instability  
**Bicknell RT**, Chuinard C, El Fegoun AB, Boileau P  
26<sup>th</sup> Annual Meeting of the Arthroscopy Association of North America  
San Francisco, CA, USA, 2007 (Poster).
- 56) Arthroscopic Treatment Of Partial Thickness Tears Of The Deep Surface Of The Supraspinatus  
Tendon  
Chuinard C, Pelegri C, **Bicknell RT**, Neyton L, Boileau P  
26<sup>th</sup> Annual Meeting of the Arthroscopy Association of North America  
San Francisco, CA, USA, 2007 (Poster).
- 57) Arthroscopic Revision of Failed Open Anterior Stabilization of the Shoulder  
Boileau P, Richou J, Gonzalez JF, **Bicknell RT**, Neyton L, MD, Jacquot N, Chuinard C  
26<sup>th</sup> Annual Meeting of the Arthroscopy Association of North America  
San Francisco, CA, USA, 2007.
- 58) Arthroscopic Treatment of Type II SLAP Lesions: Biceps Tenodesis as an Alternative to  
Reinsertion  
Parratte S, Chuinard C, **Bicknell RT**, Jacquot N, Trojani C, Boileau P  
26<sup>th</sup> Annual Meeting of the Arthroscopy Association of North America  
San Francisco, CA, USA, 2007.
- 59) Arthroscopic Biceps Tenotomy And Tenodesis For Massive Irreparable Rotator Cuff Tears  
Chuinard C, **Bicknell RT**, Boileau P
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26<sup>th</sup> Annual Meeting of the Arthroscopy Association of North America  
San Francisco, CA, USA, 2007.

- 60) Assessment of Humeral Head Position During Glenohumeral Elevation With Computer-assisted Shoulder Hemiarthroplasty  
Kedgley AE, **Bicknell RT**, DeLude JA, Ferreira LM, Dunning CE, King GJW, Faber KJ, Johnson JA, Drosdowech D  
52<sup>nd</sup> Annual Meeting of the Orthopaedic Research Society  
Chicago, IL, USA, 2006 (Poster).
- 61) Arthroscopic Revision of Failed Open Anterior Stabilization of the Shoulder  
Boileau P, Richou J, Gonzalez JF, **Bicknell RT**, Neyton L, MD, Jacquot N, Chuinard C  
23<sup>rd</sup> Annual Closed Meeting of American Shoulder and Elbow Surgeons  
Chicago, IL, USA, 2006.
- 62) An Anthropometric Study of the Bilateral Anatomy of the Humerus  
DeLude JA, **Bicknell RT**, MacKenzie GA, Ferreira LM, Dunning CE, King GJW, Johnson JA, Drosdowech D  
51<sup>st</sup> Annual Meeting of the Orthopaedic Research Society  
Washington, DC, USA, 2005 (Poster).
- 63) Computer-assisted Shoulder Hemiarthroplasty for Fractures of the Proximal Humerus: Development of a Novel Technique and an in vitro Comparison with Traditional Methods  
**Bicknell RT**, DeLude JA, Ferreira LM, Dunning CE, King GJW, Johnson JA, Faber KJ, Drosdowech D  
21<sup>st</sup> Annual Open Meeting of American Shoulder and Elbow Surgeons  
Washington, DC, USA, 2005.
- 64) Cyclic Loading of Rotator Cuff Repairs: An in vitro Biomechanical Comparison of Bioabsorbable Anchors with Transosseous Sutures  
**Bicknell RT**, Harwood J, Ferreira LM, King GJW, Johnson JA, Faber KJ, Drosdowech D  
50<sup>th</sup> Annual Meeting of the Orthopaedic Research Society  
San Francisco, CA. USA, 2004.
- 65) Computer-assisted Shoulder Hemiarthroplasty for Fractures of the Proximal Humerus: An in vitro Comparison with Traditional Methods  
**Bicknell RT**, DeLude JA, Ferreira LM, Dunning CE, King GJW, Johnson JA, Faber KJ, Drosdowech D  
4<sup>th</sup> Annual Conference of the International Society for Computer Assisted Orthopaedic Surgery  
Chicago, IL, USA, 2004.
- 66) Cyclic Loading of Rotator Cuff Repairs: An in vitro Biomechanical Comparison of Bioabsorbable Anchors with Transosseous Sutures  
**Bicknell RT**, Harwood J, Ferreira LM, King GJW, Johnson JA, Faber KJ, Drosdowech D  
9<sup>th</sup> International Congress on Surgery of the Shoulder  
Washington, DC, USA, 2004 (Poster).
- 67) Computer-assisted Shoulder Hemiarthroplasty for Fractures of the Proximal Humerus  
**Bicknell RT**, DeLude JA, Ferreira LM, Dunning CE, King GJW, Johnson JA, Faber KJ, Drosdowech D  
11<sup>th</sup> Meeting of the Combined Orthopaedic Association  
Sydney, Australia, 2004 (Poster).
- 68) Cyclic Loading of Rotator Cuff Repairs: An in vitro Biomechanical Comparison of Bioabsorbable Anchors with Transosseous Sutures  
**Bicknell RT**, Harwood JC, Ferreira LM, King GJW, Johnson JA, Faber KJ, Drosdowech D
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11<sup>th</sup> Meeting of the Combined Orthopaedic Associations  
Sydney, Australia, 2004.

- 69) Cyclic Loading of Rotator Cuff Repairs: An in vitro Biomechanical Comparison of Bioabsorbable Anchors with Transosseous Sutures  
**Bicknell RT**, Harwood J, Ferreira LM, King GJW, Johnson JA, Faber KJ, Drosdowech D  
11<sup>th</sup> Annual Residents and Fellows Arthroscopy Conference  
Useppa Island, FL, USA,, 2004.
- 70) Cyclic Loading of Rotator Cuff Repairs: An in vitro Biomechanical Comparison of Bioabsorbable Anchors with Transosseous Sutures  
**Bicknell RT**, Harwood J, Ferreira LM, King GJW, Johnson JA, Faber KJ, Drosdowech D  
22<sup>nd</sup> Annual Meeting of the Arthroscopy Association of North America  
Phoenix, AZ, USA, 2003.
- 71) Brachioradialis Load and Forearm Position Affect the Stability of Distal Radius Fractures  
Dunning CE, Lindsay CS, **Bicknell RT**, Patterson SD, Johnson JA, King GJW  
45<sup>th</sup> Annual Meeting of the Orthopaedic Research Society  
Anaheim, CA, USA, 1999.
- 72) Do Screws and Keels Improve Fixation of a Metal Glenoid Implant?  
**Bicknell RT**, Liew A, Danter MR, Patterson SD, King GJW, Johnson JA, Chess DG  
66<sup>th</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons  
Anaheim, CA, USA, 1999.
- 73) The Influence of Implant Thickness and Articular Congruency on Stability of an All-Metal Glenoid Component  
**Bicknell RT**, Danter MR, Patterson SD, King GJW, Johnson JA, Chess DG  
45<sup>th</sup> Annual Meeting of the Orthopaedic Research Society  
Anaheim, CA, USA, 1999 (Poster).
- 74) Brachioradialis Load and Forearm Position Affect the Stability of Distal Radius Fractures  
Dunning CE, Lindsay CS, **Bicknell RT**, Johnson JA, King GJW  
54<sup>th</sup> Annual Meeting of the American Society for Surgery of the Hand  
Boston, MA, USA, 1999 (Poster).
- 75) Fixation of Distal Radius Fractures: In-Vitro Stability of a New Hybrid Ring External Fixator vs. the Dorsal AO Plate  
Lindsay CS, Dunning CE, **Bicknell RT**, Johnson JA, King GJW, Patterson SD  
44<sup>th</sup> Annual Meeting of the Orthopaedic Research Society  
New Orleans, LA, USA, 1998 (Poster).
- 76) Fixation of Distal Radius Fractures: In-Vitro Stability of a New Hybrid Ring External Fixator vs. the Dorsal AO Plate  
Lindsay CS, Dunning CE, **Bicknell RT**, Johnson JA, King GJW, Patterson SD  
44<sup>th</sup> Annual Meeting of the Orthopaedic Research Society  
New Orleans, LA, USA, 1998.
- 77) Supplemental Pinning Improves the Stability of External Fixation in Simulated Distal Radius Fractures  
Dunning CE, Lindsay CS, **Bicknell RT**, Patterson SD, Chess DG, Johnson JA, King GJW  
44<sup>th</sup> Annual Meeting of the Orthopaedic Research Society  
New Orleans, LA, USA, 1998.
- 78) An Anthropometric Evaluation of the Glenoid: Implications in the Design and Fixation of a Shoulder Prosthesis
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**Bicknell RT**, Danter MD, Bennett JD, Patterson SD, King GJW, Johnson JA, Chess DG  
44<sup>th</sup> Annual Meeting of the Orthopaedic Research Society  
New Orleans, LA, USA, 1998.

- 79) Ilizarov Hybrid external Fixation of Distal Radius Fractures in Comparison to Conventional Techniques  
Patterson SD, Lindsay CS, King GJW, **Bicknell RT**, Johnson JA, Dunning CE  
53<sup>rd</sup> Annual Meeting of the American Society for Surgery of the Hand  
Minneapolis, MN, USA, 1998.
- 80) Fixation of Distal Radius Fractures: In-Vitro Stability of a New Hybrid Ring External Fixator vs. the Dorsal AO Plate  
Lindsay CS, Dunning CE, **Bicknell RT**, Johnson JA, King GJW, Patterson SD  
7<sup>th</sup> Congress of the International Federation of Societies for Surgery of the Hand  
Vancouver, BC, Canada, 1998 (Poster).
- 81) Ilizarov Hybrid External Fixation of Distal Radius Fractures in Comparison to Conventional Techniques  
Lindsay CS, Dunning CE, **Bicknell RT**, Johnson JA, King GJW, Patterson SD  
7<sup>th</sup> Congress of the International Federation of Societies for Surgery of the Hand  
Vancouver, BC, Canada, 1998.
- 82) Direct Measurements of Distal Radius Fracture Stability using an Electromagnetic Tracking Device During Simulated Active Motion  
Dunning CE, Lindsay CS, **Bicknell RT**, Patterson SD, Johnson JA, King GJW  
3<sup>rd</sup> Triennial International Hand and Wrist Biomechanics Symposium  
Minneapolis, MN, USA, 1998.

## National

- 83) Management of Glenoid Bone Loss in Primary Reverse Total Shoulder Arthroplasty using Humeral Head Autograft: A Cohort Study  
Habis A, Mei X, **Bicknell RT**  
Annual Meeting of the Canadian Orthopaedic Residents' Association  
Montreal, ON, Canada, 2019.
- 84) Scapular Bone Density Distribution and Reverse Shoulder Arthroplasty  
Ehrlich J, Bryant T, **Bicknell RT**  
20<sup>th</sup> Biennial Meeting of the Canadian Society for Biomechanics  
Halifax, NS, Canada, 2018 (Poster).
- 85) Factors Associated with Revision Surgery Following Internal Fixation of Hip Fractures  
Schemitsch EH, Bzovsky S, Sprague S, Swiontkowski M, Della Rocca G, Jeray K, Liew S, Slobogean G, Heels-Ansdell D, Zhou Q, Bhandari, M, **FAITH Investigators**  
73<sup>rd</sup> Annual Meeting of the Canadian Orthopaedic Association  
Victoria, British Columbia, Canada, 2018.
- 86) Femoral Neck Shortening After Hip Fracture Fixation is Associated with Worse Hip Function  
O'Hara N, Felton J, Slobogean G, Jackson S, Della Rocca G, Liew S, Haverlag R, Jeray K, Sprague S, Bhandari M, Swiontkowski M, **FAITH Investigators**  
73<sup>rd</sup> Annual Meeting of the Canadian Orthopaedic Association  
Victoria, British Columbia, Canada, 2018.
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- 87) Functional Outcome after Anatomic and Reverse Shoulder Arthroplasty Assessed Using a Novel Objective Assessment Method  
Anam E, Al-Qahtani S, Sendher R, Pichora DR, Scott S, **Bicknell RT**  
73<sup>rd</sup> Annual Meeting of the Canadian Orthopaedic Association  
Victoria, British Columbia, Canada, 2018.
- 88) Effect of Rotator Cuff Integrity on Deltoid Efficiency following Reverse Shoulder Arthroplasty: A Biomechanical Model  
Potter D, Anam E, Barr C, Bryant T, Rainbow M, Grant H, **Bicknell RT**  
73<sup>rd</sup> Annual Meeting of the Canadian Orthopaedic Association  
Victoria, British Columbia, Canada, 2018.
- 89) Factors Contributing to Glenoid Baseplate Micromotion in Reverse Shoulder Arthroplasty  
Lung T, Cruickshank D, Grant H, Bryant T, Rainbow M, **Bicknell RT**  
73<sup>rd</sup> Annual Meeting of the Canadian Orthopaedic Association  
Victoria, British Columbia, Canada, 2018 (Poster).
- 90) Musculoskeletal Disorders Among Hand Surgeons: An Overlooked Entity  
Al-Qahtani S, Alzahrani M, Pichora DR, **Bicknell RT**  
73<sup>rd</sup> Annual Meeting of the Canadian Orthopaedic Association  
Victoria, British Columbia, Canada, 2018.
- 91) Prevalence of Musculoskeletal Disorders Among Upper Extremity Surgeons  
Al-Qahtani S, Alzahrani M, Pichora DR, **Bicknell RT**  
73<sup>rd</sup> Annual Meeting of the Canadian Orthopaedic Association  
Victoria, British Columbia, Canada, 2018 (Poster).
- 92) A Randomized Controlled Trial Comparing Arthrographic Joint Distension with and without Steroids for the Treatment of Adhesive Capsulitis  
Tucker A, Hiscox C, **Bicknell RT**  
71<sup>st</sup> Annual Meeting of the Canadian Orthopaedic Association  
Quebec City, Quebec, Canada, 2016.
- 93) An Anatomical Study of the Trabecular Bone Density Distribution in the Scapula Relevant to Reverse Shoulder Arthroplasty Glenoid Baseplate Fixation  
Daalder M, Venne, G, Rainbow M, Bryant T, **Bicknell RT**  
71<sup>st</sup> Annual Meeting of the Canadian Orthopaedic Association  
Quebec City, Quebec, Canada, 2016.
- 94) Determining the Effect of Implant Design Variables on Impingement and Range-of-Motion in Reverse Shoulder Arthroplasty using a Novel Component Tracking Method  
North L, Pickell M, Deluzio K, Bryant T, **Bicknell RT**  
70th Annual Meeting of the Canadian Orthopaedic Association  
Vancouver, BC, Canada, 2015 (Poster).
- 95) A Novel 3D CT Image Registration Technique for Evaluating Glenoid Baseplate and Screw Placement in Reverse Shoulder Arthroplasty  
Venne G, Pickell M, Pichora D, Ellis R, **Bicknell RT**  
49th Annual Meeting of the Canadian Orthopaedic Research Society  
Vancouver, BC, Canada, 2015.
- 96) Determining the Effect of Implant Design Variables on Impingement and Range-of-Motion in Reverse Shoulder Arthroplasty using a Novel Component Tracking Method  
North L, Pickell M, Deluzio K, Bryant T, **Bicknell RT**  
49th Annual Meeting of the Canadian Orthopaedic Research Society  
Vancouver, BC, Canada, 2015.
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- 97) Analysis of the Clinical Outcome of Arthrographic Injection with Steroid for the Treatment of Adhesive Capsulitis  
Tucker A, Hiscox C, **Bicknell R**  
39<sup>th</sup> Annual Meeting of the Canadian Orthopaedic Residents' Association  
Winnipeg, MB, Canada, 2013 (Poster).
- 98) Accuracy of Radiographic and CT Scan Methods for Assessment of Glenoid Inclination and Screw Position in Reverse Shoulder Arthroplasty  
Pickell M, **Bicknell RT**  
39<sup>th</sup> Annual Meeting of the Canadian Orthopaedic Residents' Association  
Winnipeg, MB, Canada, 2013.
- 99) The Effect of Humeral Head Modularity on Functional and Radiographic Outcomes Following Shoulder Arthroplasty  
Arora D, Yeung R, **Bicknell RT**  
39<sup>th</sup> Annual Meeting of the Canadian Orthopaedic Residents' Association  
Winnipeg, MB, Canada, 2013.
- 100) Accuracy of Radiographic and CT Scan Methods for Assessment of Glenoid Inclination and Screw Position in Reverse Shoulder Arthroplasty  
Pickell M, **Bicknell RT**  
68<sup>th</sup> Annual Meeting of the Canadian Orthopaedic Association  
Winnipeg, MB, Canada, 2013 (Poster).
- 101) Dislocation by Impingement in Reverse Shoulder Arthroplasty  
North L, Hetzler M, Bryant T, **Bicknell RT**  
68<sup>th</sup> Annual Meeting of the Canadian Orthopaedic Association  
Winnipeg, MB, Canada, 2013 (Poster).
- 102) Analysis of the Clinical Outcome of Arthrographic Injection with Steroid for the Treatment of Adhesive Capsulitis  
Tucker A, Hiscox C, **Bicknell RT**  
68<sup>th</sup> Annual Meeting of the Canadian Orthopaedic Association  
Winnipeg, MB, Canada, 2013.
- 103) Effect of Deltoid Insertion Location on Static Posture in Reverse Shoulder Arthroplasty  
Hetzler M, Bryant T, **Bicknell RT**  
68<sup>th</sup> Annual Meeting of the Canadian Orthopaedic Association  
Winnipeg, MB, Canada, 2013
- 104) The Effect of Humeral Head Modularity on Functional and Radiographic Outcomes Following Shoulder Arthroplasty  
Arora D, Yeung R, **Bicknell RT**  
68<sup>th</sup> Annual Meeting of the Canadian Orthopaedic Association  
Winnipeg, MB, Canada, 2013.
- 105) Restless Leg Syndrome (Parasomnia) Can Mimic Seizures After Anesthesia  
Shyam V, Allard R, **Bicknell RT**  
2012 Annual Meeting of the Canadian Anesthesiologists' Society  
Quebec City, QC, Canada, 2012 (Poster).
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- 106) Dislocation by Impingement in Reverse Shoulder Arthroplasty  
North L, Clouthier A, Bryant T, Deluzio K, **Bicknell RT**  
17<sup>th</sup> Biennial Meeting of the Canadian Society for Biomechanics  
Vancouver, BC, Canada, 2012 (Poster).
- 107) Factors Affecting the Stability of Reverse Shoulder Arthroplasty  
Clouthier A, Hetzler M, Fedorak G, Bryant T, Deluzio K, **Bicknell RT**  
17<sup>th</sup> Biennial Meeting of the Canadian Society for Biomechanics  
Vancouver, BC, Canada, 2012 (Poster).
- 108) Does Implant Adaptability Affect Functional Outcome Following Shoulder Arthroplasty: A  
Comparison of Two Implant Designs  
Arora D, **Bicknell RT**  
38<sup>th</sup> Annual Meeting of the Canadian Orthopaedic Residents' Association  
Ottawa, ON, Canada, 2012 (Poster).
- 109) Does Implant Adaptability Affect Functional Outcome Following Shoulder Arthroplasty: A  
Comparison of Two Implant Designs  
Arora D, **Bicknell RT**  
67<sup>th</sup> Annual Meeting of the Canadian Orthopaedic Association  
Ottawa, ON, Canada, 2012 (Poster).
- 110) Development and Validation of a Static Posture Finite Element Model for Reverse  
Shoulder  
Arthroplasty  
Hetzler M, Clouthier A, Fedorak G, Bryant T, Deluzio K, **Bicknell RT**  
67<sup>th</sup> Annual Meeting of the Canadian Orthopaedic Association  
Ottawa, ON, Canada, 2012 (Poster).
- 111) Could Posterior Capsule Tightness be a Contributor to Anterior Shoulder Instability?  
Zakanai S, Venne G, Smith EJ, Ellis R, **Bicknell RT**  
67<sup>th</sup> Annual Meeting of the Canadian Orthopaedic Association  
Ottawa, ON, Canada, 2012.
- 112) Factors Affecting Stability of Reverse Shoulder Arthroplasty  
Clouthier A, Hetzler M, Fedorak G, Bryant T, Deluzio K, **Bicknell RT**  
67<sup>th</sup> Annual Meeting of the Canadian Orthopaedic Association  
Ottawa, ON, Canada, 2012.
- 113) Design and Development of a Shoulder Kinematic Simulator For Assessment of Stability  
in  
Reverse Total Shoulder Arthroplasty  
Clouthier A, Hetzler M, Vivani S, Fedorak G, Deluzio K, Bryant T, **Bicknell RT**  
66<sup>th</sup> Annual Meeting of the Canadian Orthopaedic Association  
St. John's, NL, Canada, 2011 (Poster).
- 114) Type II SLAP Lesions: Biceps Tenodesis in an Older Patient Population  
Sendher R, Bardana D, **Bicknell RT**  
65<sup>th</sup> Annual Meeting of the Canadian Orthopaedic Association  
Edmonton, AB, Canada, 2010 (Poster).
- 115) Arthroscopic Treatment of Shoulder Stiffness: Results According to Etiology in 30  
Patients  
**Bicknell RT**, Cesar M, Fourati E, Rampal V, Boileau P  
65<sup>th</sup> Annual Meeting of the Canadian Orthopaedic Association  
Edmonton, AB, Canada, 2010.
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- 116) Factors Affecting Stability of the Reverse Total Shoulder Arthroplasty  
**Bicknell RT**, Bertelsen A, Matsen F  
65<sup>th</sup> Annual Meeting of the Canadian Orthopaedic Association  
Edmonton, AB, Canada, 2010.
- 117) Bony Increased-Offset Reverse Shoulder Arthroplasty (BIO-RSA): A Biologic Solution to Scapular Notching, Prosthetic Instability and Limited Shoulder Rotation  
**Bicknell RT**, Boileau P, Roussanne Y, Brassart N, Chuinard C  
64<sup>th</sup> Annual Meeting of the Canadian Orthopaedic Association  
Whistler, BC, Canada, 2009.
- 118) The Unstable Painful Shoulder (UPS): As a Cause of Pain from Unrecognized Instability in the Young Athlete  
**Bicknell RT**, Chuinard C, Penington S, Balg F, Boileau P  
64<sup>th</sup> Annual Meeting of the Canadian Orthopaedic Association  
Whistler, BC, Canada, 2009.
- 119) Propionibacterium Acnes Infections in Revision Shoulder Surgery: An Analysis of 20 Consecutive Cases with Positive Intra-operative Cultures  
**Bicknell RT**, Pottinger PS, Bertelsen A, Matsen FA  
64<sup>th</sup> Annual Meeting of the Canadian Orthopaedic Association  
Whistler, BC, Canada, 2009.
- 120) Arthroscopic Treatment Of Deep Partial Thickness Tears Of The Supraspinatus Tendon  
**Bicknell RT**, Pelegri C, Chuinard C, Neyton L, Boileau P  
63<sup>rd</sup> Annual Meeting of the Canadian Orthopaedic Association  
Quebec City, QC, Canada, 2008.
- 121) Reverse Shoulder Arthroplasty: Indications and Results of the French Multicenter Study  
**Bicknell RT**, Chuinard C, Boileau P  
63<sup>rd</sup> Annual Meeting of the Canadian Orthopaedic Association  
Quebec City, QC, Canada, 2008.
- 122) Instability After Reverse Shoulder Arthroplasty  
**Bicknell RT**, Matsen FA, Walch G, Nové-Josserand L  
63<sup>rd</sup> Annual Meeting of the Canadian Orthopaedic Association  
Quebec City, QC, Canada, 2008.
- 123) Arthroscopic Biceps Tenotomy and Tenodesis For Massive Irreparable Rotator Cuff Tear  
Boileau P, Chuinard C, **Bicknell RT**  
62<sup>nd</sup> Annual Meeting of the Canadian Orthopaedic Association  
Halifax, NS, Canada, 2007.
- 124) Reverse Total Shoulder Arthroplasty after Failed Rotator Cuff Surgery  
Gonzalez JF, Chuinard C, **Bicknell RT**, Boileau P  
62<sup>nd</sup> Annual Meeting of the Canadian Orthopaedic Association  
Halifax, NS, Canada, 2007 (Poster).
- 125) Results of Deep Infection After a Reverse Shoulder Arthroplasty  
Jacquot N, Chuinard C, **Bicknell RT**, Boileau P  
62<sup>nd</sup> Annual Meeting of the Canadian Orthopaedic Association  
Halifax, NS, Canada, 2007.
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- 126) Complications of Arthroplasty for Proximal Humeral Fractures: A 2 to 10 Year Multicenter Follow-up Study  
Boileau P, Coste JS, Burger BJ, Willems WJ, Chuinard C, **Bicknell RT**  
62<sup>nd</sup> Annual Meeting of the Canadian Orthopaedic Association  
Halifax, NS, Canada, 2007.
- 127) Treatment of Combined Loss of Elevation and External Rotation of the Humerus: Reverse Arthroplasty and Latissimus Dorsi And Teres Major Transfer Through A Single Delto-pectoral Approach  
Boileau P, Chuinard C, **Bicknell RT**, Neyton L, Jacquot N, Trojani C  
62<sup>nd</sup> Annual Meeting of the Canadian Orthopaedic Association  
Halifax, NS, Canada, 2007 (Poster).
- 128) Arthroscopic Treatment of Type II SLAP Lesions: Biceps Tenodesis as a Functional Alternative to Reinsertion  
Parratte S, Chuinard C, **Bicknell RT**, Jacquot J, Trojani C, Boileau P  
62<sup>nd</sup> Annual Meeting of the Canadian Orthopaedic Association  
Halifax, NS, Canada, 2007.
- 129) Results of Reverse Shoulder Arthroplasty In Proximal Humerus Fracture Sequelae  
Neyton L, Garaud P, Boileau P, **Bicknell RT**, Chuinard C  
62<sup>nd</sup> Annual Meeting of the Canadian Orthopaedic Association  
Halifax, NS, Canada, 2007.
- 130) Humeral Problems in Reverse Shoulder Arthroplasty  
Chuinard C, Trojani C, **Bicknell RT**, Boileau P  
62<sup>nd</sup> Annual Meeting of the Canadian Orthopaedic Association  
Halifax, NS, Canada, 2007.
- 131) Arthroscopic Revision of Failed Open Anterior Stabilization of the Shoulder  
Boileau P, Richou J, Gonzalez JF, **Bicknell RT**, Neyton L, Jacquot N, Chuinard C  
62<sup>nd</sup> Annual Meeting of the Canadian Orthopaedic Association  
Halifax, NS, Canada, 2007.
- 132) Arthroscopic Bristow: A New "Belt and Suspenders" Technique for the Treatment of Anterior Shoulder Instability  
**Bicknell RT**, Boileau P, Chuinard C, El Fegoun AB  
62<sup>nd</sup> Annual Meeting of the Canadian Orthopaedic Association  
Halifax, NS, Canada, 2007.
- 133) Computer-assisted Shoulder Hemiarthroplasty Improves Humeral Head Position  
Kedgley AE, **Bicknell RT**, DeLude JA, Ferreira LM, Dunning CE, King GJW, Faber KJ, Drosdowech DS, Johnson JA  
40<sup>t</sup> Annual Meeting of the Canadian Orthopaedic Research Society  
Toronto, ON, Canada, 2006.
- 134) Computer-assisted Shoulder Hemiarthroplasty for Fractures of the Proximal Humerus  
**Bicknell RT**, DeLude JA, Kedgley AE, Ferreira LM, Dunning CE, King GJW, Johnson JA, Faber KJ, Drosdowech D  
59<sup>th</sup> Annual Meeting of the Canadian Orthopaedic Association  
Calgary, AB, Canada, 2004 (Poster).
- 135) Computer-assisted Shoulder Hemiarthroplasty for Fractures of the Proximal Humerus
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- Bicknell RT**, DeLude JA, Ferreira LM, Johnson JA Dunning CE, Drosdowech D, King GJW, Faber KJ  
Canadian Arthritis Network 2003 Annual Scientific Conference  
Montreal, PQ, Canada, 2003 (Poster).
- 136) Computer-assisted Shoulder Hemiarthroplasty for Fractures of the Proximal Humerus  
**Bicknell RT**, DeLude JA, Ferreira LM, Dunning CE, King GJW, Johnson JA, Faber KJ, Drosdowech D  
29<sup>th</sup> Annual Meeting of the Canadian Orthopaedic Residents' Association  
St. John's, NL, Canada, 2003.
- 137) Cyclic Loading of Rotator Cuff Repairs: An in vitro Biomechanical Comparison of Bioabsorbable Anchors with Transosseous Sutures  
**Bicknell RT**, Harwood J, Ferreira LM, King GJW, Johnson JA, Faber KJ, Drosdowech D  
58<sup>th</sup> Annual Meeting of the Canadian Orthopaedic Association  
Winnipeg, MA, Canada, 2003.
- 138) Cyclic Loading of Rotator Cuff Repairs: An in vitro Biomechanical Comparison of Bioabsorbable Anchors with Transosseous Sutures  
**Bicknell RT**, Harwood J, Ferreira LM, King GJW, Johnson JA, Faber KJ, Drosdowech D  
28<sup>th</sup> Annual Meeting of the Canadian Orthopaedic Residents' Association  
Winnipeg, MA, Canada, 2002.
- 139) Do Screws and Keels Improve Fixation of a Metal Glenoid Implant?  
**Bicknell RT**, Liew AL, Danter MR, Patterson SD, King GJW, Johnson JA, Chess DG  
26<sup>th</sup> Annual Meeting of the Canadian Orthopaedic Residents' Association  
London, ON, Canada, 2000.
- 140) Brachioradialis Load and Forearm Position Affect the Stability of Distal Radius Fractures  
Dunning CE, Lindsay CS, **Bicknell RT**, Patterson SD, Johnson JA, King GJW  
33<sup>rd</sup> Annual Meeting of the Canadian Orthopaedic Research Society  
St. John's, NL, Canada, 1999.
- 141) Fixation of Distal Radius Fractures: In-Vitro Stability of a New Hybrid Ring External Fixator vs. the Dorsal AO Plate  
Lindsay CS, Dunning CE, **Bicknell RT**, Johnson JA, King GJW, Patterson SD  
Canadian Orthopaedic Residents Association Meeting  
Vancouver, BC, USA, 1998 (Poster).
- 142) The Distal Radius "Pi" Plate vs. The Dorsal AO Plate: A Comparative Biomechanical Study of Colles' Fracture Fixation  
Dunning CE, Lindsay CS, **Bicknell RT**, Patterson SD, Chess DG, Johnson JA, King GJW  
32<sup>nd</sup> Annual Meeting of the Canadian Orthopaedic Research Society  
Ottawa, ON, Canada, 1998.
- 143) In-vitro Stability of a New Hybrid Ring External Fixator for Distal Radius Fractures  
Lindsay CS, Dunning CE, **Bicknell RT**, Johnson JA, King GJW, Patterson SD  
32<sup>nd</sup> Annual Meeting of the Canadian Orthopaedic Research Society  
Ottawa, ON, Canada, 1998 (Poster).
- 144) Glenoid Component Design in Shoulder Arthroplasty: The Effect of Glenohumeral Congruency on
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#### Implant Stability

**Bicknell RT**, Liew A, Danter MR, Patterson SD, King GJW, Johnson JA, Chess DG  
32<sup>nd</sup> Annual Meeting of the Canadian Orthopaedic Research Society  
Ottawa, ON, Canada, 1998.

- 145) Do Screws and Keels Improve Fixation of a Metal Glenoid Implant?  
**Bicknell RT**, Liew A, Danter MR, Patterson SD, King GJW, Johnson JA, Chess DG  
32<sup>nd</sup> Annual Meeting of the Canadian Orthopaedic Research Society  
Ottawa, ON, Canada, 1998 (Poster).
- 146) An Anthropometric Evaluation of the Glenoid with Special Interest in Keel Design  
**Bicknell RT**, Danter MR, Bennett JD, Patterson SD, King GJW, Johnson JA, Chess DG  
32<sup>nd</sup> Annual Meeting of the Canadian Orthopaedic Research Society  
Ottawa, ON, Canada, 1998 (Poster).
- 147) All-Metal Glenoid Component Design in Shoulder Arthroplasty: The Effect of Component Thickness on Implant Stability  
**Bicknell RT**, Liew A, Danter MR, Patterson SD, King GJW, Johnson JA, Chess DG  
32<sup>nd</sup> Annual Meeting of the Canadian Orthopaedic Research Society  
Ottawa, ON, Canada, 1998 (Poster).
- 148) Calibration and Accuracy of the Tekscan Pressure Measurement System  
**Bicknell RT**, King GJW, Chess DG, Johnson JA  
31<sup>st</sup> Annual Meeting of the Canadian Orthopaedic Research Society  
Hamilton, ON, Canada, 1997 (Poster).

#### Regional/ Provincial

- 1) Prevalence of Musculoskeletal Disorders Among Shoulder and Elbow Surgeons  
**Bicknell RT**, Al-Qahtani S, Alzahrani M, Pichora DR  
9<sup>th</sup> Annual Charlie Sorbie Department of Surgery Research Day  
Kingston, ON, Canada, 2019.
- 2) Management of Glenoid Bone Loss in Primary Reverse Total Shoulder Arthroplasty using Humeral Head Autograft: A Cohort Study  
Habis A, Mei X, **Bicknell RT**  
37<sup>th</sup> Annual William Ersil Resident Research Day  
Kingston, ON, Canada, 2018.
- 3) Quantifying the Distribution of Scapular Bone Density to Guide Optimal Screw Placement in Reverse Shoulder Arthroplasty  
Ehrlich J, Vendries V, Bryant T, Rainbow M, **Bicknell RT**  
37<sup>th</sup> Annual William Ersil Resident Research Day  
Kingston, ON, Canada, 2018.
- 4) Analysis of Scapula Bone Density for Glenoid Baseplate Implantation  
Daalder M, Vendries V, Bryant T, Rainbow M, **Bicknell RT**  
8<sup>th</sup> Annual Charlie Sorbie Department of Surgery Research Day  
Kingston, ON, Canada, 2018 (Poster).
- 5) The Effect of Cranial Orientation on Shoulder Biomechanics  
Lee ECS, Roach NT, Clouthier A, **Bicknell RT**, Bey MJ, Young NM, Rainbow MJ  
8<sup>th</sup> Annual Charlie Sorbie Department of Surgery Research Day  
Kingston, ON, Canada, 2018 (Poster).
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- 6) Factors Contributing to Glenoid Baseplate Micromotion in Reverse Shoulder Arthroplasty  
Lung T, Cruickshank D, Bryant T, Rainbow M, **Bicknell RT**  
8<sup>th</sup> Annual Charlie Sorbie Department of Surgery Research Day  
Kingston, ON, Canada, 2018.
  - 7) Effect of Rotator Cuff Integrity on Deltoid Efficiency following Reverse Shoulder Arthroplasty: A Biomechanical Model  
Potter D, Anam E, Barr C, Bryant T, Rainbow M, Grant H, **Bicknell RT**  
36<sup>th</sup> Annual William Ersil Resident Research Day  
Kingston, ON, Canada, 2017.
  - 8) Factors Contributing to Glenoid Baseplate Micromotion in Reverse Shoulder Arthroplasty  
Lung T, Cruickshank D, Bryant T, Rainbow M, Grant H, **Bicknell RT**  
36<sup>th</sup> Annual William Ersil Resident Research Day  
Kingston, ON, Canada, 2017.
  - 9) A Study of the Trabecular Bone Density Distribution in the Scapula Relevant to Reverse Shoulder Arthroplasty  
Sharma V, Daalder M, Venne G, MacKenzie L, Rainbow M, Bryant T, **Bicknell RT**  
35<sup>th</sup> Annual William Ersil Resident Research Day  
Kingston, ON, Canada, 2016.
  - 10) An Anatomical Study of the Trabecular Bone Density Distribution in the Scapula Relevant to Reverse Shoulder Arthroplasty Glenoid Baseplate Fixation  
Daalder M, Venne G, MacKenzie L, Rainbow M, Bryant T, **Bicknell RT**  
6<sup>th</sup> Annual Charlie Sorbie Department of Surgery Research Day  
Kingston, ON, Canada, 2016.
  - 11) The Role of the Rotator Cuff in Intrinsic Shoulder Stability: A Biomechanical Study  
Banaszek D, Esau G, Barr C, Rainbow M, Bryant T, **Bicknell RT**  
34<sup>th</sup> Annual William Ersil Resident Research Day  
Kingston, ON, Canada, 2015.
  - 12) Objective Functional Outcome after Anatomic and Reverse Shoulder Arthroplasty Assessed Using the KINARM  
Anam E, Al-Qahtani S, Sendher R, Pichora D, Bardana D, Scott S, **Bicknell RT**  
34<sup>th</sup> Annual William Ersil Resident Research Day  
Kingston, ON, Canada, 2015.
  - 13) A Randomized Controlled Trial Comparing Arthrographic Joint Distension with and without Steroids for the Treatment of Adhesive Capsulitis  
Tucker A, Hiscox C, **Bicknell RT**  
34<sup>th</sup> Annual William Ersil Resident Research Day  
Kingston, ON, Canada, 2015.
  - 14) Treatment of Adhesive Capsulitis: A Randomized Controlled Trial Comparing Arthrographic Joint Distension with Steroid, Saline and Local Anesthetic Versus Arthrogram with Local Anesthetic Alone  
Tucker A, Hiscox C, **Bicknell RT**  
4<sup>th</sup> Annual Bruce Fund Visiting Scholar Research Showcase, Queen's University  
Kingston, Ontario, Canada, 2015
  - 15) A Comparison of Computer-assisted and Conventional Surgery Baseplate and Screw Placement in Reverse Shoulder Arthroplasty  
Venne G, Rasquinha B, Pickell M, Pichora D, Ellis RE, **Bicknell RT**  
SEAMO Innovation Showcase, Queen's University
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Kingston, ON, Canada, 2015 (Poster).

- 16) Determining the Effect of Implant Design Variables on Impingement and Range-of-Motion in Reverse Shoulder Arthroplasty using a Novel Component Tracking Method  
North L, Pickell M, Deluzio K, Bryant T, **Bicknell RT**  
5<sup>th</sup> Annual Charlie Sorbie Department of Surgery Research Day  
Kingston, ON, Canada, 2015.
  - 17) Determining the Effect of Implant Design Variables on Impingement and Range-of-Motion in Reverse Shoulder Arthroplasty using a Novel Component Tracking Method  
North L, Pickell M, Deluzio K, Bryant T, Bicknell RT  
33rd Annual William Ersil Resident Research Day  
Kingston, ON, Canada, 2014.
  - 18) Novel Image Registration Technique for Assessing Component Position in Reverse Shoulder Arthroplasty  
Pickell M, Venne G, Ellis R, Bicknell RT  
33rd Annual William Ersil Resident Research Day  
Kingston, ON, Canada, 2014.
  - 19) Range of Motion and Stability in Reverse Shoulder Arthroplasty  
North L, Pickell M, Clouthier A, Bryant T, Deluzio K, **Bicknell RT**  
4<sup>th</sup> Annual Charlie Sorbie Department of Surgery Research Day  
Kingston, ON, Canada, 2014 (Poster).
  - 20) Analysis of the Clinical Outcome of Arthrographic Injection with Steroid for the Treatment of Adhesive Capsulitis  
Tucker A, Hiscox C, **Bicknell RT**  
4<sup>th</sup> Annual Charlie Sorbie Department of Surgery Research Day  
Kingston, ON, Canada, 2014 (Poster).
  - 21) A Comparison of Computer-assisted and Conventional Surgery Baseplate and Screw Placement in Reverse Shoulder Arthroplasty  
Venne G, Rasquinha B, Pickell M, Pichora D, Ellis RE, **Bicknell RT**  
4<sup>th</sup> Annual Charlie Sorbie Department of Surgery Research Day  
Kingston, ON, Canada, 2014.
  - 22) Range of Motion and Stability in Reverse Shoulder Arthroplasty  
North L, Pickell M, Clouthier A, Bryant T, Deluzio K, **Bicknell RT**  
32<sup>nd</sup> Annual William Ersil Resident Research Day  
Kingston, ON, Canada, 2013 (Poster).
  - 23) Accuracy of Radiographic and CT Scan Methods for Assessment of Glenoid Inclination and Screw Position in Reverse Shoulder Arthroplasty  
Pickell M, **Bicknell RT**  
32<sup>nd</sup> Annual William Ersil Resident Research Day  
Kingston, ON, Canada, 2013.
  - 24) A Comparison between Conventional and Navigated Baseplate Screw Placement in Reverse Shoulder Arthroplasty  
Venne G, Rasquinha B, Pichora D, **Bicknell RT**, Ellis RE  
1<sup>st</sup> Annual Musculoskeletal Research Day  
Kingston, ON, Canada, 2013.
  - 25) Accuracy of Radiographic and CT Scan Methods for Assessment of Glenoid Inclination and Screw Position in Reverse Shoulder Arthroplasty
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Pickell M, **Bicknell RT**

1<sup>st</sup> Annual Musculoskeletal Research Day  
Kingston, ON, Canada, 2013.

- 26) Dislocation by Impingement in Reverse Shoulder Arthroplasty  
North L, Clouthier A, Bryant T, Deluzio K, **Bicknell RT**  
1<sup>st</sup> Annual Musculoskeletal Research Day  
Kingston, ON, Canada, 2013 (Poster).
- 27) Analyzing Shoulder Translation with Navigation Technology  
Zakanai S, Venne G, Smith EJ, **Bicknell RT**, Ellis RE  
3<sup>rd</sup> Annual Charlie Sorbie Department of Surgery Research Day  
Kingston, ON, Canada, 2013 (Poster).
- 28) Dislocation by Impingement in Reverse Shoulder Arthroplasty  
North L, Clouthier A, Bryant T, Deluzio K, **Bicknell RT**  
3<sup>rd</sup> Annual Charlie Sorbie Department of Surgery Research Day  
Kingston, ON, Canada, 2013 (Poster).
- 29) Does Implant Adaptability Affect Functional and Radiographic Outcome Following Shoulder Arthroplasty  
Arora D, Yeung R, **Bicknell RT**  
16<sup>th</sup> Annual Scientific Meeting for Health Science Research Trainees, Faculty of Health Sciences, Queen's University  
Kingston, ON, Canada, 2013.
- 30) Dislocation by Impingement in Reverse Shoulder Arthroplasty  
North L, Clouthier A, Bryant T, Deluzio K, **Bicknell RT**  
31<sup>st</sup> Annual William Ersil Resident Research Day  
Kingston, ON, Canada, 2012 (Poster).
- 31) The Effects of Humeral Head Modularity on Functional and Radiographic Outcomes Following Shoulder Arthroplasty  
Arora D, Yeung R, **Bicknell RT**  
31<sup>st</sup> Annual William Ersil Resident Research Day  
Kingston, ON, Canada, 2012.
- 32) Analysis of the Clinical Outcome of Arthrographic Steroid Injection for Treatment of Adhesive Capsulitis  
Tucker A, Hiscox C, **Bicknell RT**  
31<sup>st</sup> Annual William Ersil Resident Research Day  
Kingston, ON, Canada, 2012.
- 33) Factors Affecting Stability of Reverse Shoulder Arthroplasty  
Clouthier A, Hetzler M, Fedorak G, Bryant T, Deluzio K, **Bicknell RT**  
2<sup>nd</sup> Annual Charlie Sorbie Department of Surgery Research Day  
Kingston, ON, Canada, 2012.
- 34) Anatomy Recreation, Functional Outcome and Range of Motion Following Shoulder Arthroplasty: A Comparative Study of Two Implant Designs  
Arora D, **Bicknell RT**  
2<sup>nd</sup> Annual Charlie Sorbie Department of Surgery Research Day  
Kingston, ON, Canada, 2012 (Poster).
- 35) Analysis of the Clinical Outcome of Distention Arthrogram with Steroids for the Treatment of Adhesive Capsulitis
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Tucker A, Hiscox C, **Bicknell RT**  
2<sup>nd</sup> Annual Charlie Sorbie Department of Surgery Research Day  
Kingston, ON, Canada, 2012 (Poster).

- 36) Anatomy Recreation, Functional Outcome and Range of Motion Following Shoulder Arthroplasty: A Comparative Study of Two Implant Designs  
Arora D, **Bicknell RT**  
30<sup>th</sup> Annual William Ersil Resident Research Day  
Kingston, ON, Canada, 2011 (Poster).
- 37) Analysis of the Clinical Outcome of Distention Arthrogram with Steroids for the Treatment of Adhesive Capsulitis  
Tucker A, Hiscox C, **Bicknell RT**  
30<sup>th</sup> Annual William Ersil Resident Research Day  
Kingston, ON, Canada, 2011 (Poster).
- 38) Factors Affecting Stability of Reverse Shoulder Arthroplasty  
Fedorak G, Clouthier A, Hetzler M, Vivani S, Deluzio K, Bryant T, **Bicknell RT**  
30<sup>th</sup> Annual William Ersil Resident Research Day  
Kingston, ON, Canada, 2011.
- 39) Effect of Loading Direction on Force to Dislocation in Reverse Shoulder Arthroplasty: Assessment Using a Custom-designed Shoulder Kinematic Simulator  
Clouthier A, Hetzler M, Vivani S, Fedorak G, Deluzio K, Bryant T, **Bicknell RT**  
1<sup>st</sup> Annual Charlie Sorbie Department of Surgery Research Day  
Kingston, ON, Canada, 2011.
- 40) Effect of Loading Direction on Force to Dislocation in Reverse Shoulder Arthroplasty: Assessment Using a Custom-designed Shoulder Kinematic Simulator  
Clouthier A, Hetzler M, Vivani S, Fedorak G, Deluzio K, Bryant T, **Bicknell RT**  
1<sup>st</sup> Annual Kingston General Hospital Research Showcase  
Kingston, ON, Canada, 2011.
- 41) The Use of Upper Extremity Joint Analysis in the Care of the Orthopaedic Patient  
**Bicknell RT**, Scott S, Sendher R, Pichora D, Bardana D  
Innovation Fund Showcase, Academic Health Sciences Centre Alternative Funding Plan (AHSC AFP)  
Toronto, ON, Canada, 2010 (Poster).
- 42) Anatomy Recreation, Functional Outcome and Range of Motion Following Shoulder Arthroplasty: A Comparative Study of Two Implant Designs  
Arora D, **Bicknell RT**  
29<sup>th</sup> Annual William Ersil Resident Research Day  
Kingston, ON, Canada, 2010 (Poster).
- 43) Type II SLAP Lesions: Biceps Tenodesis in an Older Patient Population  
Sendher R, Bardana D, **Bicknell RT**  
29<sup>th</sup> Annual William Ersil Resident Research Day  
Kingston, ON, Canada, 2010.
- 44) Design and Development of a Shoulder Kinematic Simulator For Assessment of Stability in Reverse Total Shoulder Arthroplasty  
Clouthier A, Hetzler M, Vivani S, Fedorak G, Deluzio K, Bryant T, **Bicknell RT**  
29<sup>th</sup> Annual William Ersil Resident Research Day  
Kingston, ON, Canada, 2010.
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- 45) The Use of Upper Extremity Joint Analysis in the Care of the Orthopaedic Patient  
Bicknell RT, Scott S, Sendher R, Pichora D, Bardana D  
Innovation Fund Showcase, Academic Health Sciences Centre Alternative Funding Plan (AHSC AFP)  
Toronto, ON, Canada, 2010 (Poster).
- 46) Type II SLAP Lesions: Biceps Tenodesis in an Older Patient Population  
Sendher R, Bardana D, **Bicknell RT**  
28<sup>th</sup> Annual William Ersil Resident Research Day  
Kingston, ON, Canada, 2009 (Poster).
- 47) Type II SLAP Lesions: Biceps Tenodesis in an Older Patient Population  
Sendher R, Bardana D, **Bicknell RT**  
27<sup>th</sup> Annual William Ersil Resident Research Day  
Kingston, ON, Canada, 2008.
- 48) Assessment of Humeral Head Position During Glenohumeral Elevation With Computer-assisted Shoulder Hemiarthroplasty  
Kedgley AE, **Bicknell RT**, DeLude JA, Ferreira LM, Dunning CE, King GJW, Faber KJ, Johnson JA, Drosdowech D  
18<sup>th</sup> Annual Sister Mary Doyle Research Day, Lawson Research Institute  
London, ON, Canada, 2006.
- 49) Computer-assisted Shoulder Hemiarthroplasty for Fractures of the Proximal Humerus: Development of a Novel Technique and an in vitro Comparison with Traditional Methods  
**Bicknell RT**, DeLude JA, Kedgley AE, Ferreira LM, Dunning CE, King GJW, Johnson JA, Faber KJ, Drosdowech D  
32<sup>nd</sup> Clinical Seminar in Orthopaedic Surgery  
London, ON, Canada, 2004.
- 50) Computer-assisted Shoulder Hemiarthroplasty for Fractures of the Proximal Humerus  
**Bicknell RT**, DeLude JA, Ferreira LM, Dunning CE, King GJW, Johnson JA, Faber KJ, Drosdowech D  
31<sup>st</sup> Clinical Seminar in Orthopaedic Surgery  
London, ON, Canada, 2003.
- 51) Cyclic Loading of Rotator Cuff Repairs: An in vitro Biomechanical Comparison of Bioabsorbable Anchors with Transosseous Sutures  
**Bicknell RT**, Harwood J, Ferreira LM, King GJW, Johnson JA, Faber KJ, Drosdowech D  
30<sup>th</sup> Clinical Seminar in Orthopaedic Surgery  
London, ON, Canada, 2002.
- 52) Brachioradialis Load and Forearm Position Affect the Stability of Distal Radius Fractures  
Dunning CE, Lindsay CS, **Bicknell RT**, Patterson SD, Johnson JA, King GJW  
3<sup>rd</sup> Annual Great Lakes Hand Society Program  
Hamilton, ON, Canada, 2002.
- 53) Cyclic Loading of Rotator Cuff Repairs: An in vitro Biomechanical Comparison of Bioabsorbable Anchors with Transosseous Sutures  
**Bicknell RT**, Harwood J, Ferreira LM, King GJW, Johnson JA, Faber KJ, Drosdowech D  
29<sup>th</sup> Clinical Seminar in Orthopaedic Surgery  
London, ON, Canada, 2001.
- 54) All-Metal Glenoid Component Design In Shoulder Arthroplasty: An in vitro Implant Stability Study  
**Bicknell RT**, Liew A, Danter MR, Patterson SD, King GJW, Johnson JA, Chess DG
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10<sup>th</sup> Annual Sister Mary Doyle Research Day, Lawson Research Institute  
London, Ontario, 1998.

- 55) Brachioradialis Load and Forearm Position Affect the Stability of Distal Radius Fractures  
Dunning CE, Lindsay CS, **Bicknell RT**, Patterson SD, Johnson JA, King GJW  
26<sup>th</sup> Clinical Seminar in Orthopaedic Surgery  
London, ON, Canada, 1998.
- 56) Fixation of Distal Radius Fractures: In-Vitro Stability of a New Hybrid Ring External Fixator vs. the Dorsal AO Plate  
Dunning CE, Lindsay CS, **Bicknell RT**, Johnson JA, King GJW, Patterson SD  
9<sup>th</sup> Annual Sister Mary Doyle Research Day, Lawson Research Institute  
London, ON, Canada, 1997.
- 57) An Anthropometric Evaluation of the Glenoid: Implications in the Design and Fixation of a Shoulder Prosthesis  
**Bicknell RT**, Danter MR, Bennett JD, Patterson SD, King GJW, Johnson JA, Chess DG  
9<sup>th</sup> Annual Sister Mary Doyle Research Day, Lawson Research Institute  
London, ON, Canada, 1997.
- 58) Fixation of Distal Radius Fractures: In-Vitro Stability of a New Hybrid Ring External Fixator vs. the Dorsal AO Plate  
Dunning CE, Lindsay CS, **Bicknell RT**, Johnson JA, King GJW, Patterson SD  
9<sup>th</sup> Annual Sister Mary Doyle Research Day, Lawson Research Institute  
London, ON, Canada, 1997.

## Invited Presentations

### International

- 1) Quantifying Glenoid and Humeral Bone Loss  
**Bicknell RT**  
AAOS/ASES Reverse Total Shoulder and Latarjet/Open Instability Procedures Course, Chicago, Illinois, USA, May 2019.
  - 2) Image Based Approach to Pre-operative Planning  
**Bicknell RT**  
Zimmer-Biomet Institute Upper Extremity Arthroplasty Instructional Course, Chicago, IL, USA, April 2019
  - 3) Superior Capsular Reconstruction – A New Club to Keep in your Bag  
**Bicknell RT**  
Clearwater Arthroscopy Meeting, Clearwater, Florida, USA, December 2018
  - 4) Bad to the Bone: Humeral Bone Loss is Treated with Bone. Technique and Rationale for APC  
**Bicknell RT**  
14<sup>th</sup> Annual Meeting of the Association of Clinical Elbow and Shoulder Surgeons (ACCESS), Lake George, NY, USA, July 2018
  - 5) Concepts and Case Reviews: Sidus Stem-Free Shoulder/Comprehensive Nano  
**Bicknell RT**  
Zimmer-Biomet Institute Sports Medicine and Shoulder Arthroplasty Instructional Course, Phoenix, AZ, USA, May 2018
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- 6) Anatomic TSA Cases: What would you do?  
Kowalsky M, **Bicknell RT**, Murthi A, Lashgari C  
13<sup>th</sup> Annual Meeting of the Association of Clinical Elbow and Shoulder Surgeons (ACCESS),  
Scottsdale, AZ, USA, November 2017
  - 7) How I Do a Suprascapular Nerve Release at the Spinoglenoid Notch  
**Bicknell RT**  
AAOS/ASES Management of Massive Rotator Cuff Tears Procedures Course, Chicago, Illinois,  
USA, September 2017
  - 8) Quantifying Glenoid and Humeral Bone Loss  
**Bicknell RT**  
AAOS/ASES Reverse Total Shoulder and Latarjet/Open Instability Procedures Course, Chicago,  
Illinois, USA, April 2017.
  - 9) Stemless: What Do I Need to Know?  
**Bicknell RT**  
American Shoulder and Elbow Surgeons Annual Open Meeting, San Diego, California, USA,  
March 2017.
  - 10) Arthroscopic Rotator Cuff Repair  
**Bicknell RT**  
Clearwater Arthroscopy Meeting, Clearwater, Florida, USA, December 2016
  - 11) Elbow Arthroscopy: Set-up, Portals and Pearls  
**Bicknell RT**  
AAOS/ASES Elbow Reconstruction: State-of-the-Art Concepts Course, Chicago, Illinois, USA,  
November 2016.
  - 12) Reverse Shoulder Arthroplasty Stability and Range-of-Motion: Investigations Using a Kinematic  
Shoulder Simulator  
**Bicknell RT**  
60<sup>th</sup> Annual Meeting, The Little Orthopaedic Club, Kingston, Ontario, Canada, September 2016.
  - 13) Reverse Shoulder Arthroplasty  
**Bicknell RT**  
Zimmer Biomet Institute Canada, Miami, FL, February 2016
  - 14) The B2 Glenoid – Let's Put an End to it!  
Codsì M, Murthi A, **Bicknell RT**, Parsons B  
11<sup>th</sup> Annual Meeting of the Association of Clinical Elbow and Shoulder Surgeons (ACCESS),  
Bal Harbour, FL, USA, November 2015
  - 15) Long Head of Biceps Pathology  
**Bicknell RT**, Zec M  
Clearwater Arthroscopy Meeting, Clearwater, FL, USA, December 2014
  - 16) ASES European Exchange Fellowship 2013  
**Bicknell RT**, Tashjian RZ  
American Shoulder and Elbow Surgeons Annual Closed Meeting,  
Pinehurst, North Carolina, USA, October 2014
  - 17) Patient Specific Instrumentation in Reverse Shoulder Arthroplasty  
**Bicknell RT**  
Zimmer Institute Canada, Parsippany, NJ, June 2014
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- 18) Large Engaging Hill-Sachs: Options and My Thoughts  
Ren H, **Bicknell RT**  
9<sup>th</sup> Annual Meeting of the Association of Clinical Elbow and Shoulder Surgeons (ACCESS),  
Scottsdale, AZ, USA, November 2013
  - 19) Computer Navigation in Reverse Shoulder Arthroplasty  
**Bicknell RT**  
ASES/SECEC European Exchange Fellowship Lecture Series  
Antwerp, Belgium, October 2013
  - 20) Factors Affecting Stability of Reverse Shoulder Arthroplasty  
**Bicknell RT**  
ASES/SECEC European Exchange Fellowship Lecture Series  
Nice, France, October 2013
  - 21) Computer Navigation in Reverse Shoulder Arthroplasty  
**Bicknell RT**  
ASES/SECEC European Exchange Fellowship Lecture Series  
Milan, Italy, September 2013
  - 22) Computer Navigation in Reverse Shoulder Arthroplasty  
**Bicknell RT**  
ASES/SECEC European Exchange Fellowship Lecture Series  
Madrid, Spain, September 2013
  - 23) Factors Affecting Stability of Reverse Shoulder Arthroplasty  
**Bicknell RT**  
ASES/SECEC European Exchange Fellowship Lecture Series  
Berlin, Germany, September 2013
  - 24) Factors Affecting Stability of Reverse Shoulder Arthroplasty  
**Bicknell RT**  
ASES/SECEC European Exchange Fellowship Lecture Series  
Amsterdam, The Netherlands, September 2013
  - 25) Acromioclavicular Joint: Acute and Chronic Instability  
Ren H, **Bicknell RT**  
Conmed Linvatec Innovative Concepts in Shoulder Arthroscopy, Honolulu, HI, USA, August 2013
  - 26) Arthroscopic Rotator Cuff Repair  
Ren H, **Bicknell RT**  
Conmed Linvatec Innovative Concepts in Shoulder Arthroscopy, Honolulu, HI, USA, August 2013
  - 27) SLAP Tears and Long Head of Biceps: Who To Reconstruct and How  
Ren H, **Bicknell RT**  
Conmed Linvatec Innovative Concepts in Shoulder Arthroscopy, Honolulu, HI, USA, August 2013
  - 28) Arthroscopic Shoulder Reconstruction: How I Decide What to Do and How I Do It  
**Bicknell RT**  
Conmed Linvatec Innovative Concepts in Shoulder Arthroscopy, Honolulu, HI, USA, August 2013
  - 29) Humeral Bone Grafting in Reverse Shoulder Arthroplasty  
**Bicknell RT, Gammon B**  
7<sup>th</sup> Annual Meeting of the Association of Clinical Elbow and Shoulder Surgeons (ACCESS), Palm  
Beach, FL, USA, November 2011
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- 30) Reverse Shoulder Arthroplasty: Current Concepts and Controversies  
**Bicknell RT**  
Orthopaedic Surgery Grand Rounds, University of Missouri, Columbia, MO, USA, January 2011
- 31) The Unstable Painful Shoulder (UPS): As a Cause of Pain from Unrecognized Instability in the Young Athlete  
**Bicknell RT**  
Clearwater Innovative Arthroscopy Meeting, Clearwater, FL, USA, December 2010
- 32) The Unstable painful Shoulder (UPS): As a cause of Pain from Unrecognized Instability in the Young Athlete  
**Bicknell RT**  
North American Traveling Fellowship Lecture Series, University of Alabama, Birmingham, AL, USA, September 2009.
- 33) Reverse Shoulder Arthroplasty: Complications  
**Bicknell RT**  
North American Traveling Fellowship Lecture Series, University of Toronto, Toronto, ON, Canada, November 2009.
- 34) The Unstable Painful Shoulder (UPS): As a Cause of Pain from Unrecognized Instability in the Young Athlete  
**Bicknell RT**  
North American Traveling Fellowship Lecture Series, University of Alabama, Birmingham, AL, USA, September 2009.
- 35) Reverse Shoulder Arthroplasty: Results  
**Bicknell RT**  
North American Traveling Fellowship Lecture Series, Vanderbilt University, Nashville, TN, USA, October 2009
- 36) Long Head of Biceps: Decision-making  
**Bicknell RT**  
North American Traveling Fellowship Lecture Series, Washington University, St. Louis, MO, USA, October 2009
- 37) The Unstable Painful Shoulder (UPS): As a Cause of Pain from Unrecognized Instability in the Young Athlete  
**Bicknell RT**  
North American Traveling Fellowship Lecture Series, Cleveland Clinic, Cleveland, OH, USA, October 2009
- 38) Long Head of Biceps: Decision-making  
**Bicknell RT**  
North American Traveling Fellowship Lecture Series, Case Western Reserve University, Cleveland, OH, USA, October 2009
- 39) Reverse Shoulder Arthroplasty: Complications  
**Bicknell RT**  
North American Traveling Fellowship Lecture Series, University of Iowa, Iowa City, IA, USA, October 2009
- 40) Rotator Cuff: Decision-making  
**Bicknell RT**
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North American Traveling Fellowship Lecture Series, University of Michigan, Ann Arbor, MI, USA, October 2009

41) Reverse Shoulder Arthroplasty: Complications

**Bicknell RT**

North American Traveling Fellowship Lecture Series, University of Chicago, Chicago, IL, USA, October 2009

42) Rotator Cuff: Decision-making

**Bicknell RT**

North American Traveling Fellowship Lecture Series, University of Indiana, Indianapolis, IN, USA, October 2009

43) Rotator Cuff: Decision-making

**Bicknell RT**

North American Traveling Fellowship Lecture Series, University of Wisconsin, Madison, WI, USA, October 2009

44) The Unstable Painful Shoulder (UPS): As a Cause of Pain from Unrecognized Instability in the Young Athlete

**Bicknell RT**

North American Traveling Fellowship Lecture Series, University of Minnesota, Minneapolis, MN, USA, October 2009

45) Reverse Shoulder Arthroplasty: Results and Complications

**Bicknell RT**

North American Traveling Fellowship Lecture Series, Mayo Clinic, Rochester, MN, USA, October 2009

46) Navigation in Shoulder Replacement for Fracture: Present and Future.

**Bicknell RT**

Nice Shoulder Course, Nice, France, May 2008.

## National

1) Stemless Shoulder Arthroplasty

**Bicknell RT**

National Sales Meeting, DePuy-Synthes, Montreal, QC, February 2019

2) Shoulder Reconstruction – Arthroplasty “Top 10 Things You Need to Know”

**Bicknell RT**

Canadian Orthopaedic Resident Review in Reconstructive Surgery (CORR-Recon), Toronto, ON, January 2019

3) Global ICON Stemless Shoulder System

**Bicknell RT**

DePuy Winnipeg Shoulder Rounds, Winnipeg, MB, November 2018

4) Global ICON Stemless Shoulder System

**Bicknell RT**

DePuy GTA Shoulder Rounds, Toronto, ON, September 2018

5) Global ICON Stemless Shoulder System

**Bicknell RT**

DePuy Synthes COA Dinner Meeting, Victoria, BC, June 2018

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- 6) Reverse Shoulder Arthroplasty: Current Indication and Outcomes  
**Bicknell RT**  
Canadian Shoulder and Elbow Society (CSES) 2018 Residents Course, Ottawa, Ontario, Canada, February 2018.
  - 7) Shoulder Reconstruction – Arthroplasty “Top 10 Things You Need to Know”  
**Bicknell RT**  
Canadian Orthopaedic Resident Review in Reconstructive Surgery (CORR-Recon), Toronto, ON, January 2018.
  - 8) Reverse Shoulder Arthroplasty Biomechanics  
**Bicknell RT**  
Research in Progress Day, Division of Orthopaedic Surgery, University of Ottawa, Ottawa, ON, November 2017
  - 9) Anatomic Humeral Reconstruction – Global AP  
**Bicknell RT**  
DePuy Synthes Shoulder Arthroplasty Course, Toronto, ON, September 2017
  - 10) Glenoid Reconstruction – Exposure, APG and Steptech  
**Bicknell RT**  
DePuy Synthes Shoulder Arthroplasty Course, Toronto, ON, September 2017
  - 11) Adaptability – Global Unite  
**Bicknell RT**  
DePuy Synthes Shoulder Arthroplasty Course, Toronto, ON, September 2017
  - 12) RSA Indications/Advances – Delta Xtend  
**Bicknell RT**  
DePuy Synthes Shoulder Arthroplasty Course, Toronto, ON, September 2017
  - 13) Adhesive Capsulitis: Non-Operative Measures: Shoulder Arthroscopy Symposium  
**Bicknell RT, Cruickshank D**  
Canadian Orthopaedic Association Annual Meeting, Ottawa, ON, June 2017.
  - 14) How I Treat Peri-Prosthetic Infection: Single Stage Revision is Best for the Patient: Upper Extremity Debates  
**Bicknell RT, Lalonde S**  
Canadian Orthopaedic Association Annual Meeting, Ottawa, ON, June 2017.
  - 15) Biceps Tendon Pathology and Treatment  
**Bicknell RT**  
Conmed Linvatec Winnipeg Shoulder Arthroscopy Course (Residents), Winnipeg, Manitoba, Canada, March 2017.
  - 16) AC Joint Stabilization  
**Bicknell RT**  
Conmed Linvatec Winnipeg Shoulder Arthroscopy Course (Residents), Winnipeg, Manitoba, Canada, March 2017.
  - 17) Biceps Tendon Pathology and Treatment  
**Bicknell RT**  
Conmed Linvatec Winnipeg Shoulder Arthroscopy Course (Community Surgeons), Winnipeg, Manitoba, Canada, March 2017.
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- 18) AC Joint Stabilization  
**Bicknell RT**  
Conmed Linvatec Winnipeg Shoulder Arthroscopy Course (Community Surgeons), Winnipeg, Manitoba, Canada, March 2017.
- 19) Anatomic Total Shoulder Arthroplasty: Optimizing Outcomes and Avoiding Complications  
**Bicknell RT**  
Canadian Shoulder and Elbow Society (CSES) 2017 Residents Course, Calgary, Alberta, Canada, February 2017.
- 20) Shoulder Reconstruction – Arthroplasty “Top 10 Things You Need to Know”  
**Bicknell RT**  
Canadian Orthopaedic Resident Review in Reconstructive Surgery (CORR-Recon), Toronto, ON, January 2017.
- 21) The Latarjet Procedure: The Best Option for the High Risk Instability Patient: Sports Symposium:  
What Do I Do With . . .  
**Bicknell RT, MacDonald M**  
Canadian Orthopaedic Association Annual Meeting, Quebec City, QC, June 2016.
- 22) Shoulder Reconstruction – Arthroplasty “Top 10 Things You Need to Know”  
**Bicknell RT**  
Canadian Orthopaedic Resident Review in Reconstructive Surgery (CORR-Recon), Toronto, ON, January 2016.
- 23) Management of the Infected Shoulder Prosthesis: What is the Current Best Practice?: Instructional Course Lecture: Challenges in Shoulder Arthroplasty  
**Bicknell RT, Gladwell M**  
Canadian Orthopaedic Association Annual Meeting, Vancouver, BC, June 2015.
- 24) Delta Xtend Reverse Shoulder System Design Rationale  
**Bicknell RT**  
DePuy Synthes Shoulder Arthroplasty Course, Toronto, ON, May 2015
- 25) Shoulder Reconstruction – Arthroplasty “Top 10 Things You Need to Know”  
**Bicknell RT**  
Canadian Orthopaedic Resident Review in Reconstructive Surgery (CORR-Recon), Toronto, ON, January 2015
- 26) Total Shoulder Arthroplasty is the Best Option in the Young Patient  
**Bicknell RT**  
JOINTS Canada 2014 Ottawa Shoulder Course, Ottawa, ON, January 2014
- 27) Proximal Humerus and Clavicle Fractures and Peri-prosthetic Fractures of the Humerus  
**Bicknell RT**  
National Sales Meeting, DePuy-Synthes, Toronto, ON, January 2014
- 28) Shoulder Arthroplasty  
**Bicknell RT**  
National Sales Meeting, DePuy-Synthes, Toronto, ON, January 2014
- 29) Shoulder Reconstruction – Arthroplasty “Top 10 Things You Need to Know”  
**Bicknell RT**  
Canadian Orthopaedic Resident Review in Reconstructive Surgery (CORR-Recon), Toronto, ON, January 2014
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- 30) Discussions in Total Shoulder Arthroplasty: The Stem Free Implant  
**Bicknell RT**  
Zimmer Sales Training Webinar, Canada, October 2013
  - 31) Innovations in Total Shoulder Arthroplasty: The Stem Free Implant  
**Bicknell RT**  
Zimmer Institute Canada, Toronto, ON, April 2013
  - 32) Shoulder Reconstruction – Arthroplasty “Top 10 Things You Need to Know”  
**Bicknell RT**  
Canadian Orthopaedic Resident Review in Reconstructive Surgery (CORR-Recon), Toronto, ON, January 2013
  - 33) History/Design Rationale Global AP Shoulder Arthroplasty  
**Bicknell RT**  
DePuy Masters Shoulder Arthroscopy Course, Toronto, ON, November 2012
  - 34) What Do I Do with an Acute Massive Rotator Cuff Tear in a Forty-year-old Male?: Sports Symposium  
**Bicknell RT**, Hiscox C  
Canadian Orthopaedic Association Annual Meeting, Ottawa, ON, June 2012
  - 35) Shoulder Reconstruction “Top 10 Things You Need to Know”  
**Bicknell RT**  
Canadian Orthopaedic Resident Review in Reconstructive Surgery (CORR-Recon), Toronto, ON, January 2012
  - 36) History/Design Rationale Global AP Shoulder Arthroplasty  
**Bicknell RT**  
DePuy Masters Shoulder Arthroscopy Course, Vancouver, BC, September 2011
  - 37) Long Head of Biceps – Evaluation and Management: Tips-and-Tricks Shoulder, Knee, Foot and Ankle  
**Bicknell RT**, Gammon B  
Canadian Orthopaedic Association Annual Meeting, St. John’s, NL, July 2011
  - 38) History/Design Rationale Global AP Shoulder Arthroplasty  
**Bicknell RT**  
DePuy Masters Shoulder Arthroscopy Course, London, ON, May 2011

## Provincial

- 1) Make it a Double: Double Row Surgical Technique  
**Bicknell RT**  
Conmed Cufflink, SCR and RC Repair Shoulder Arthroscopy Lab, Mississauga, Ontario, Canada, September 2017.
  - 2) SCR Surgical Technique: A New Club to Keep in your Bag  
**Bicknell RT**  
Conmed Cufflink, SCR and RC Repair Shoulder Arthroscopy Lab, Mississauga, Ontario, Canada, September 2017.
  - 3) Humeral Shaft Fractures: Surgery is Better vs. Why Do Surgery?
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Nauth A, **Bicknell RT**

Ontario Orthopaedic Association Annual Meeting, Toronto, ON, Canada, October 2016.

- 1) 4-Part Proximal Humerus Fractures: Hemiarthroplasty vs. Reverse Arthroplasty  
Rouleau D, **Bicknell RT**  
Ontario Orthopaedic Association Annual Meeting, Toronto, ON, Canada, October 2015.
- 2) The Unstable Painful Shoulder (UPS): As a Cause of Pain from Unrecognized Instability in the Young Athlete  
**Bicknell RT**  
55<sup>th</sup> Annual Manitoba Orthopaedic Symposium, Winnipeg, MB, October 2015.
- 3) Long Head of Biceps Pathology  
**Bicknell RT**  
55<sup>th</sup> Annual Manitoba Orthopaedic Symposium, Winnipeg, MB, October 2015.
- 4) Arthroscopic Rotator Cuff Repair  
**Bicknell RT**  
55<sup>th</sup> Annual Manitoba Orthopaedic Symposium, Winnipeg, MB, October 2015.
- 5) Long Head of Biceps Pathology  
**Bicknell RT**  
Resident Teaching Rounds, Hand and Upper Limb Centre, Western University, London, ON, October 2015.
- 6) New Trends and Technologies in Reverse Shoulder Arthroplasty  
**Bicknell RT**  
Zimmer Biomet Institute, London, ON, October 2015.
- 7) New Trends and Technologies in Reverse Shoulder Arthroplasty  
**Bicknell RT**  
Zimmer Biomet Institute, Ottawa, ON, September 2015.
- 8) Arthroscopic Rotator Cuff Repair  
**Bicknell RT**  
McMaster Resident Shoulder Arthroscopy Course, McMaster University, Mississauga, Ontario, Canada, March 2015.
- 9) Long Head of Biceps Pathology  
**Bicknell RT**  
McMaster Resident Shoulder Arthroscopy Course, McMaster University, Mississauga, Ontario, Canada, March 2015.
- 10) Biceps Pathology  
**Bicknell RT**  
Ontario Orthopaedic Association Annual Meeting, Toronto, ON, Canada, November 2010.

## Regional

- 1) Long Head of Biceps  
**Bicknell RT**  
Kingston Shoulder Arthroscopy Course (Senior residents/fellows), Queen's University, Kingston, Ontario, Canada, November 2017.
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- 2) Long Head of Biceps  
**Bicknell RT**  
Kingston Shoulder Arthroscopy Course (Junior residents), Queen's University, Kingston, Ontario, Canada, November 2017.
  - 3) Rotator Cuff Repair  
**Bicknell RT**  
Kingston Shoulder Arthroscopy Course (Senior residents/fellows), Queen's University, Kingston, Ontario, Canada, November 2017.
  - 4) Rotator Cuff Repair  
**Bicknell RT**  
Kingston Shoulder Arthroscopy Course (Junior residents), Queen's University, Kingston, Ontario, Canada, November 2017.
  - 5) Exploring Micromotion in Reverse Shoulder Arthroplasty  
Bicknell RT, **Rainbow M**, Bryant T, Cruickshank D, Lung T  
Women's Giving Circle Luncheon, Kingston Health Sciences Centre, Kingston, ON, Canada, June 2017.
  - 6) Elbow Arthritis: An Update  
**Bicknell RT**  
Orthopaedic Care Conference, Southeastern Ontario Health Sciences Centre, Kingston, ON, Canada, October 2016.
  - 7) Reverse Shoulder Arthroplasty  
**Bicknell RT**  
Lunch and Learn, Kingston General Hospital, Kingston, ON, Canada, September 2014
  - 8) Shoulder Biomechanics: A Balance of Mobility and Stability  
**Bicknell RT**  
Mechanical Engineering 827, Queen's University, Kingston, Ontario, Canada, April 2014.
  - 9) Rotator Cuff Repair  
**Bicknell RT**  
Kingston Shoulder Arthroscopy Course (Senior residents/fellows), Queen's University, Kingston, Ontario, Canada, October 2013.
  - 10) Rotator Cuff Repair  
**Bicknell RT**  
Kingston Shoulder Arthroscopy Course (Junior residents), Queen's University, Kingston, Ontario, Canada, October 2013.
  - 11) Shoulder Biomechanics: A Balance of Mobility and Stability  
**Bicknell RT**  
Mechanical Engineering 827, Queen's University, Kingston, Ontario, Canada, March 2013
  - 12) Reverse Shoulder Arthroplasty  
**Bicknell RT**  
Orthopaedic Care Conference, Southeastern Ontario Health Sciences Centre, Kingston, ON, Canada, October 2011.
  - 13) Rotator Cuff Repair  
**Bicknell RT**  
Kingston Shoulder Arthroscopy Course (Senior residents/fellows), Queen's University, Kingston, Ontario, Canada, September 2011.
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- 14) Rotator Cuff Repair  
**Bicknell RT**  
Kingston Shoulder Arthroscopy Course (Junior residents), Queen's University, Kingston, Ontario, Canada, September 2011.
  - 15) Shoulder Biomechanics: A Balance of Mobility and Stability.  
**Bicknell RT**  
Mechanical Engineering 827, Queen's University, Kingston, Ontario, Canada, April 2011.
  - 16) Shoulder Arthroscopy: Part Two  
**Bicknell RT**  
Operating Room Nursing Staff Education Rounds, Hotel Dieu Hospital, Kingston, ON, Canada, October 2010
  - 17) Shoulder Arthroscopy: The Basics  
**Bicknell RT**  
Operating Room Nursing Staff Education Rounds, Hotel Dieu Hospital, Kingston, ON, Canada, April 2010
  - 18) Shoulder Biomechanics: A Balance of Mobility and Stability.  
**Bicknell RT**  
Mechanical and Materials Engineering 494, Queen's University, Kingston, Ontario, Canada, November 2008.
  - 19) Rotator Cuff and Long Head of Biceps.  
**Bicknell RT**  
Kingston Shoulder Arthroscopy Course, Queen's University, Kingston, Ontario, Canada, November 2008.
  - 20) Computer-assisted Shoulder Hemiarthroplasty for Fractures of the Proximal Humerus: Development of a Novel Technique and an in vitro Comparison with Traditional Methods  
**Bicknell RT**  
Symposium Series, Human Mobility Research Centre, Queen's University, Kingston, ON, Canada, April 2008

## Course Instruction

- 1) Primary RSA - Cadaver Lab  
Abboud J, Aleem A, Armstrong A, **Bicknell RT**, Byram I, Chuinard CR, Flatow E, Getz C, Keener J, Levy J, Marra G, Murthi A, Namdari S, O'Brien M, Salazar D, Sanchez-Sotelo J, Sethi P, Tashjian RZ, Wiater JM  
AAOS/ASES Reverse Total Shoulder and Latarjet/Open Instability Procedures Course, Chicago, Illinois, USA, May 2019.
  - 2) RSA for Fracture, BIO-RSA, Latissimus Dorsi Transfer - Cadaver Lab  
Abboud J, Aleem A, Armstrong A, **Bicknell RT**, Byram I, Chuinard CR, Flatow E, Getz C, Keener J, Levy J, Marra G, Murthi A, Namdari S, O'Brien M, Salazar D, Sanchez-Sotelo J, Sethi P, Tashjian RZ, Wiater JM  
AAOS/ASES Reverse Total Shoulder and Latarjet/Open Instability Procedures Course, Chicago, Illinois, USA, May 2019.
  - 3) Open Latarjet Procedure - Cadaver Lab
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Abboud J, Aleem A, Armstrong A, **Bicknell RT**, Byram I, Chuinard CR, Flatow E, Getz C, Keener J, Levy J, Marra G, Murthi A, Namdari S, O'Brien M, Salazar D, Sanchez-Sotelo J, Sethi P, Tashjian RZ, Wiater JM  
AAOS/ASES Reverse Total Shoulder and Latarjet/Open Instability Procedures Course, Chicago, Illinois, USA, May 2019.

- 4) Open Anterior Stabilization - Cadaver Lab  
Abboud J, Aleem A, Armstrong A, **Bicknell RT**, Byram I, Chuinard CR, Flatow E, Getz C, Keener J, Levy J, Marra G, Murthi A, Namdari S, O'Brien M, Salazar D, Sanchez-Sotelo J, Sethi P, Tashjian RZ, Wiater JM  
AAOS/ASES Reverse Total Shoulder and Latarjet/Open Instability Procedures Course, Chicago, Illinois, USA, May 2019.
  - 5) TSA and Reverse Shoulder Arthroplasty Cadaver Lab  
Hall J, **Bicknell RT**, Veillette C  
Zimmer-Biomet Institute Upper Extremity Arthroplasty Instructional Course, Chicago, IL, USA, April 2019
  - 6) Shoulder and Elbow VIII Paper Session  
**Bicknell RT** (Co-moderator)  
American Academy of Orthopaedic Surgeons Annual Meeting, Las Vegas, Nevada, March 2019.
  - 7) Case Session: Reverse Shoulder Arthroplasty  
**Bicknell RT**, Balyk R  
Canadian Shoulder and Elbow Society (CSES) 2019 Residents Course, Calgary, Alberta, Canada, February 2019.
  - 8) Case Session: Distal Humerus Fractures  
**Bicknell RT**, Daneshvar P  
Canadian Shoulder and Elbow Society (CSES) 2019 Residents Course, Calgary, Alberta, Canada, February 2019.
  - 9) Shoulder Arthroplasty Cadaver Lab  
Carr A, Faber K, Saliken D, Henry P, **Bicknell RT**, Bois A, Old J, Davies J, Sabo M, Sheps D, Goel D (Moderator)  
Canadian Shoulder and Elbow Society (CSES) 2019 Residents Course, Calgary, Alberta, Canada, February 2019.
  - 10) Shoulder Arthroscopy Cadaver Lab  
Chin P, **Bicknell RT**, Henry P, Pollock J, Sabo M, Bois A, Beavis C, LeBlanc J, Old J (Moderator)  
Canadian Shoulder and Elbow Society (CSES) 2019 Residents Course, Calgary, Alberta, Canada, February 2019.
  - 11) Elbow Arthroscopy Cadaver Lab  
**Bicknell RT**, Bois A, Veillette C, Brauer C, Daneshvar P, Faber K, King G (Moderator)  
Canadian Shoulder and Elbow Society (CSES) 2019 Residents Course, Calgary, Alberta, Canada, February 2019.
  - 12) Shoulder/Elbow Case Review  
**Bicknell RT**, Hall J  
Canadian Orthopaedic Resident Review in Reconstructive Surgery (CORR-Recon), Toronto, Ontario, Canada, January 2019.
  - 13) Shoulder Arthroscopy Cadaver Lab  
**Bicknell RT**  
Clearwater Arthroscopy Meeting, Clearwater, FL, USA, December 2018.
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- 14) Shoulder Arthroscopy Cadaver Lab  
Hall J, **Bicknell RT**, Chin P, Veillette C  
Zimmer-Biomet Institute Sports Medicine and Shoulder Arthroplasty Instructional Course,  
Phoenix, AZ, USA, May 2018
  - 15) Shoulder Arthroplasty Cadaver Lab  
Hall J, **Bicknell RT**, Chin P, Veillette C  
Zimmer-Biomet Institute Sports Medicine and Shoulder Arthroplasty Instructional Course,  
Phoenix, AZ, USA, May 2018
  - 16) Case-Based Panel Discussion: Difficult Cases in Shoulder Arthroplasty  
Faber K, Drosdowech D, Nam D, **Bicknell RT**, Richards R  
Canadian Shoulder and Elbow Society (CSES) 2018 Residents Course, Ottawa, Ontario,  
Canada, February 2018.
  - 17) Case Session: Cuff Tear Arthropathy  
**Bicknell RT**, Lapner P  
Canadian Shoulder and Elbow Society (CSES) 2018 Residents Course, Ottawa, Ontario,  
Canada, February 2018.
  - 18) Shoulder Arthroplasty Cadaver Lab  
Balg F, Chin P, Drosdowech D, Faber K, Henry P, MacKinlay D, Nam D, Papp S, Sheps D, Zilber  
S, **Bicknell RT** (Moderator)  
Canadian Shoulder and Elbow Society (CSES) 2018 Residents Course, Ottawa, Ontario,  
Canada, February 2018.
  - 19) Shoulder Arthroscopy Cadaver Lab  
Balg F, **Bicknell RT**, Bois A, Chin P, Drosdowech D, Goel D, Henry P, Old J, Rollins M, Zilber S,  
Lapner P, (Moderator)  
Canadian Shoulder and Elbow Society (CSES) 2018 Residents Course, Ottawa, Ontario,  
Canada, February 2018.
  - 20) Elbow Arthroscopy Cadaver Lab  
**Bicknell RT**, Bois A, Davie J, Dubberly J, Faber K, King G, Rollins M, Veillette C, Pollock J,  
(Moderator)  
Canadian Shoulder and Elbow Society (CSES) 2018 Residents Course, Ottawa, Ontario,  
Canada, February 2018.
  - 21) Shoulder/Elbow Cases – Case Debrief  
**Bicknell RT**  
Canadian Orthopaedic Resident Review in Reconstructive Surgery (CORR-Recon), Toronto,  
Ontario, Canada, January 2018.
  - 22) Shoulder/Elbow Case Review  
**Bicknell RT**, Henry P  
Canadian Orthopaedic Resident Review in Reconstructive Surgery (CORR-Recon), Toronto,  
Ontario, Canada, January 2018.
  - 23) Shoulder Webinar - Panelist  
Drosdowech D, **Bicknell RT**, Pollock J, Old J  
Canadian Orthopaedic Association OrthoEvidence, December 2017.
  - 24) Resident Research Project Presentation Moderator  
Gammon B, **Bicknell RT**
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Research in Progress Day, Division of Orthopaedic Surgery, University of Ottawa, Ottawa, ON, November 2017.

- 25) Shoulder Arthroscopy Workshop: Cadaver Lab  
Bardana D, **Bicknell RT**  
Kingston Shoulder Arthroscopy Course (Senior residents/fellows), Queen's University, Kingston, Ontario, Canada, November 2017.
  - 26) Shoulder Arthroscopy Workshop: Shoulder Models Lab  
Bardana D, **Bicknell RT**  
Kingston Shoulder Arthroscopy Course (Junior resident), Queen's University, Kingston, Ontario, Canada, November 2017.
  - 27) Shoulder Arthroscopy Cadaver Workshop  
**Bicknell RT**, Henry P  
Conmed Cufflink, SCR and RC Repair Shoulder Arthroscopy Lab, Mississauga, Ontario, Canada, September 2017.
  - 28) Rotator Cuff Repair Procedures - Cadaver Lab  
Abboud J, Abrams J, Athwal G, **Bicknell RT**, Cagle P, Cheung E, Choi T, Chuinard CR, Cuff D, Faber K, Field L, Frankle M, Karnezis T, Keener J, Levy J, Murthi A, O'Brien M, Salazar D, Saltzman M, Sanchez-Sotelo J, Sethi P, Steinmann S, Tashjian RZ, Throckmorton T, Warner JP  
AAOS/ASES Management of Massive Rotator Cuff Tears Procedures Course, Chicago, Illinois, USA, September 2017.
  - 29) Tendon Transfer Procedure - Cadaver Lab  
Abboud J, Abrams J, Athwal G, **Bicknell RT**, Cagle P, Cheung E, Choi T, Chuinard CR, Cuff D, Faber K, Field L, Frankle M, Karnezis T, Keener J, Levy J, Murthi A, O'Brien M, Salazar D, Saltzman M, Sanchez-Sotelo J, Sethi P, Steinmann S, Tashjian RZ, Throckmorton T, Warner JP  
AAOS/ASES Management of Massive Rotator Cuff Tears Procedures Course, Chicago, Illinois, USA, September 2017.
  - 30) Hemi and Reverse Shoulder Arthroplasty - Cadaver Lab  
Abboud J, Abrams J, Athwal G, **Bicknell RT**, Cagle P, Cheung E, Choi T, Chuinard CR, Cuff D, Faber K, Field L, Frankle M, Karnezis T, Keener J, Levy J, Murthi A, O'Brien M, Salazar D, Saltzman M, Sanchez-Sotelo J, Sethi P, Steinmann S, Tashjian RZ, Throckmorton T, Warner JP  
AAOS/ASES Management of Massive Rotator Cuff Tears Procedures Course, Chicago, Illinois, USA, September 2017.
  - 31) Cadaver Lab: Reverse Shoulder Arthroplasty  
**Bicknell RT**  
DePuy Synthes Shoulder Arthroplasty Course, Toronto, Ontario, Canada, September 2017.
  - 32) Cadaver Lab: Anatomic Shoulder Arthroplasty  
**Bicknell RT**  
DePuy Synthes Shoulder Arthroplasty Course, Toronto, Ontario, Canada, September 2017.
  - 33) Shoulder Arthroplasty Case Review  
**Bicknell RT**  
DePuy Synthes Shoulder Arthroplasty Course, Toronto, Ontario, Canada, September 2017.
  - 34) Open Latarjet Procedure - Cadaver Lab  
Chamberlain AM, Abboud J, Armstrong A, Athwal G, **Bicknell RT**, Chuinard CR, Getz C, Glasgow, Karnezis, Keener J, Levy J, Murthi A, Namdari S, Routman H, Salazar, Sethi P, Tashjian RZ
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AAOS/ASES Reverse Total Shoulder and Latarjet/Open Instability Procedures Course, Chicago, Illinois, USA, April 2017.

- 35) Open Capsular Shift - Cadaver Lab  
Sethi P, Abboud J, Armstrong A, Athwal G, **Bicknell RT**, Chamberlain AM, Chuinard CR, Getz C, Glasgow, Karnezis, Keener J, Levy J, Murthi A, Namdari S, Routman H, Salazar, Tashjian RZ  
AAOS/ASES Reverse Total Shoulder and Latarjet/Open Instability Procedures Course, Chicago, Illinois, USA, April 2017.
- 36) Shoulder Arthroscopy Cadaver Workshop (Residents)  
MacDonald PB, **Bicknell RT**, Pollock JW  
Conmed Linvatec Winnipeg Shoulder Arthroscopy Course, Winnipeg, Manitoba, Canada, March 2017.
- 37) Shoulder Arthroscopy Cadaver Workshop (Community Surgeons)  
MacDonald PB, **Bicknell RT**, Pollock JW  
Conmed Linvatec Winnipeg Shoulder Arthroscopy Course, Winnipeg, Manitoba, Canada, March 2017.
- 38) Anatomic Total Shoulder Arthroplasty Case Review  
**Bicknell RT**, Nam D  
Canadian Shoulder and Elbow Society (CSES) 2017 Residents Course, Calgary, Alberta, Canada, February 2017.
- 39) Shoulder Arthroplasty Cadaver Lab  
Berdusco R, **Bicknell RT**, Chin P, Drosdowech D, Goel D, Henry P, Nam D, LeBlanc J (Moderator)  
Canadian Shoulder and Elbow Society (CSES) 2017 Residents Course, Calgary, Alberta, Canada, February 2017.
- 40) Shoulder Arthroscopy Cadaver Lab  
**Bicknell RT**, Boorman R, Bois A, Bouliane M, Chin P, Daneshvar, Drosdowech D, Goel D, Henry P, Lapner P, Mohtadi N, Pike J, Pollock J, Wirth M, Beavis C (Moderator)  
Canadian Shoulder and Elbow Society (CSES) 2017 Residents Course, Calgary, Alberta, Canada, February 2017.
- 41) Shoulder/Elbow Case Review  
**Bicknell RT**  
Canadian Orthopaedic Resident Review in Reconstructive Surgery (CORR-Recon), Toronto, Ontario, Canada, January 2017.
- 42) Shoulder Arthroscopy Cadaver Lab  
**Bicknell RT**, Smith B  
Clearwater Arthroscopy Meeting, Clearwater, FL, USA, December 2016.
- 43) Elbow Fractures and Total Elbow Arthroplasty - Cadaver Lab  
**Bicknell RT**, Chamberlain AM, Chuinard CR, Faber K, Getz C, Hausman M, Keener J, Kim HM, King GJW, Klepps S, Moskal M, Murthi A, Namdari S, Omid R, Sethi P, Steinmann S, Throckmorton TW, Tashjian RZ  
AAOS/ASES Elbow Reconstruction: State-of-the-Art Concepts Course, Chicago, Illinois, USA, November 2016.
- 44) Tendon and Ligament Repair of the Elbow - Cadaver Lab  
**Bicknell RT**, Chamberlain AM, Chuinard CR, Faber K, Getz C, Hausman M, Keener J, Kim HM, King GJW, Klepps S, Moskal M, Murthi A, Namdari S, Omid R, Sethi P, Steinmann S, Throckmorton TW, Tashjian RZ
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AAOS/ASES Elbow Reconstruction: State-of-the-Art Concepts Course, Chicago, Illinois, USA, November 2016.

45) Elbow Arthroscopy Round 2 - Cadaver Lab

**Bicknell RT**, Chamberlain AM, Chuinard CR, Faber K, Getz C, Hausman M, Keener J, Kim HM, King GJW, Klepps S, Moskal M, Murthi A, Namdari S, Omid R, Sethi P, Steinmann S, Throckmorton TW, Tashjian RZ

AAOS/ASES Elbow Reconstruction: State-of-the-Art Concepts Course, Chicago, Illinois, USA, November 2016.

46) Basic to Advanced Elbow Arthroscopy - Cadaver Lab

**Bicknell RT**, Chamberlain AM, Chuinard CR, Faber K, Getz C, Hausman M, Keener J, Kim HM, King GJW, Klepps S, Moskal M, Murthi A, Namdari S, Omid R, Sethi P, Steinmann S, Throckmorton TW, Tashjian RZ

AAOS/ASES Elbow Reconstruction: State-of-the-Art Concepts Course, Chicago, Illinois, USA, November 2016.

47) Upper Extremity Paper Session

Lapner P, **Bicknell RT** (Co-moderator)

Canadian Orthopaedic Association Annual Meeting, Quebec City, Quebec, Canada, June 2016.

48) Shoulder Arthroscopy Cadaver Lab

**Bicknell RT**, Hall J, Lawhorn K

Zimmer Biomet Institute Canada, Miami, FL, February 2016.

49) Shoulder Arthroplasty Cadaver Lab

**Bicknell RT**, Hall J, Lawhorn K

Zimmer Biomet Institute Canada, Miami, FL, February 2016.

50) Test Your Shoulder IQ

**Bicknell RT**, Nam D

Canadian Shoulder and Elbow Society (CSES) 2016 Shoulder Course, Ottawa, Ontario, Canada, January 2016.

51) Shoulder Arthroplasty Cadaver Lab

Balg F, Berdusco R, **Bicknell RT**, Bois A, Bouliane M, Chin P, Drosdowech D, Goel D, Henry P, Lapner P, Mallon W, MacKinlay D, McKee M, Nam D, Papp S, Rouleau D, Pollock J (Moderator)

Canadian Shoulder and Elbow Society (CSES) 2016 Shoulder Course, Ottawa, Ontario, Canada, January 2016.

52) Shoulder Arthroscopy Cadaver Lab

Balg F, Berdusco R, **Bicknell RT**, Bois A, Chin P, Drosdowech D, Goel D, Henry P, Holtby R, Lapner P, Mallon W, Nam D, Old J, Rouleau D, Liew A (Moderator)

Canadian Shoulder and Elbow Society (CSES) 2016 Shoulder Course, Ottawa, Ontario, Canada, January 2016.

53) Shoulder Arthroscopy Workshop: Cadaver Lab

Bardana D, **Bicknell RT**, Gambrel J, Young D, Potter J.

Kingston Shoulder Arthroscopy Course (Junior residents), Queen's University, Kingston, Ontario, Canada, November 2015.

54) Shoulder Arthroscopy Workshop: Cadaver Lab

Bardana D, **Bicknell RT**, Gambrel J, Young D, Potter J.

Kingston Shoulder Arthroscopy Course (Senior residents/fellows), Queen's University, Kingston, Ontario, Canada, November 2015.

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- 55) Management of Occupational Shoulder Injuries  
Brown G, Park K, **Bicknell RT**  
Online Educational Module, Medtech Central, Faculty of Medicine, Queen's University, Kingston, Ontario, Canada, September 2015.
- 56) Instructional Course Lecture: Challenges in Shoulder Arthroplasty  
Lapner P, Drosdowech DS, Rouleau D, **Bicknell RT**  
Canadian Orthopaedic Association Annual Meeting, Vancouver, British Columbia, Canada, June 2015.
- 57) Cadaver Lab: Reverse Shoulder Arthroplasty  
Athwal GS, **Bicknell RT**, Boorman R, Drosdowech DS, Taillon M  
DePuy Synthes Shoulder Arthroplasty Course, Toronto, Ontario, Canada, May 2015.
- 58) Cadaver Lab: Anatomic Shoulder Arthroplasty  
Athwal GS, **Bicknell RT**, Boorman R, Drosdowech DS, Taillon M  
DePuy Synthes Shoulder Arthroplasty Course, Toronto, Ontario, Canada, May 2015.
- 59) Reverse Shoulder Arthroplasty Case Review  
Athwal GS, **Bicknell RT**, Boorman R, Drosdowech DS, Taillon M  
DePuy Synthes Shoulder Arthroplasty Course, Toronto, Ontario, Canada, May 2015.
- 60) Anatomic Shoulder Arthroplasty Case Review  
Athwal GS, **Bicknell RT**, Boorman R, Drosdowech DS, Taillon M  
DePuy Synthes Shoulder Arthroplasty Course, Toronto, Ontario, Canada, May 2015.
- 61) Shoulder Arthroscopy Cadaver Lab  
Ayeti F, Rajaratnam K, Smith B, **Bicknell RT**  
McMaster Resident Shoulder Arthroscopy Course, McMaster University, Mississauga, Ontario, Canada, March 2015.
- 62) Cuff Tear Arthropathy Case Review  
**Bicknell RT**, Holtby R  
JOINTS Canada 2015 Ottawa Shoulder Course, Ottawa, Ontario, Canada, February 2015.
- 63) Shoulder Arthroplasty Cadaver Lab  
Sheps D, Drosdowech D, Miniaci A, Veillette C, Old J, Pollock J, Henry P, **Bicknell RT** Papp S, Rouleau D, Goel D, Dwyer T, Theodoropolous J  
JOINTS Canada 2015 Ottawa Shoulder Course, Ottawa, Ontario, Canada, February 2015.
- 64) Shoulder Arthroscopy Cadaver Lab  
Goel D, Drosdowech D, Lapner P, Balg F, Holtby R, Chin P, Old J, Bois A, Henry P, Miniaci A, Nam D, Rouleau D, **Bicknell RT** (Moderator)  
JOINTS Canada 2015 Ottawa Shoulder Course, Ottawa, Ontario, Canada, February 2015.
- 65) Shoulder/Elbow Case Review  
**Bicknell RT**, Richards R  
Canadian Orthopaedic Resident Review in Reconstructive Surgery (CORR-Recon), Toronto, Ontario, Canada, January 2015.
- 66) Shoulder Arthroscopy Cadaver Lab  
Randle J, **Bicknell RT**  
Clearwater Arthroscopy Meeting, Clearwater, FL, USA, December 2014
- 67) Rotator Cuff Paper Session  
**Bicknell RT** (Moderator).
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American Shoulder and Elbow Surgeons Annual Closed Meeting, Pinehurst, North Carolina, USA, October 2014.

- 68) Revision to Reverse Shoulder and Trabecular Metal Reverse Shoulder Bioskills Course  
**Bicknell RT**, Chin P, Hall J  
Zimmer Institute Canada, Parsippany, NJ, June 2014
- 69) Instructional Course Lecture: Current Controversies in Management of Rotator Cuff Tears  
Burkhead WZ, **Bicknell RT**, Levy O, Dines D, Boulaine M, Tashjian R  
Combined Meeting of the American and Canadian Orthopaedic Associations, Montreal, QC, Canada, June 2014.
- 70) Cuff Tear Arthropathy Case Review  
**Bicknell RT**, Bergman J  
JOINTS Canada 2014 Ottawa Shoulder Course, Ottawa, Ontario, Canada, January 2014
- 71) Shoulder Arthroscopy Cadaver Lab  
Drosdowech D, **Bicknell RT** Balyk R, Moro J, Rouleau D, Liew A, Bergman J, Papp S, Bois A, Lapner P  
JOINTS Canada 2014 Ottawa Shoulder Course, Ottawa, Ontario, Canada, January 2014.
- 72) Shoulder/Elbow Case Review  
**Bicknell RT**, Richards R, Dwyer T.  
Canadian Orthopaedic Resident Review in Reconstructive Surgery (CORR-Recon), Toronto, Ontario, Canada, January 2014.
- 73) Shoulder Arthroscopy Workshop: Shoulder Models Lab  
Bardana D, **Bicknell RT**, Randle J.  
Kingston Shoulder Arthroscopy Course (Junior residents), Queen's University, Kingston, Ontario, Canada, October 2013.
- 74) Shoulder Arthroscopy Workshop: Cadaver Lab  
Bardana D, **Bicknell RT**, Randle J.  
Kingston Shoulder Arthroscopy Course (Senior residents/fellows), Queen's University, Kingston, Ontario, Canada, October 2013.
- 75) Shoulder Arthroscopy Cadaver Lab: Cuff Repair  
**Bicknell RT**, Evans M (Course Co-moderator)  
Conmed Linvatec Innovative Concepts in Shoulder Arthroscopy, Honolulu, HI, USA, August 2013.
- 76) Shoulder Arthroscopy Cadaver Lab: Labral Reconstruction  
**Bicknell RT**, Evans M (Course Co-moderator).  
Conmed Linvatec Innovative Concepts in Shoulder Arthroscopy, Honolulu, HI, USA, August 2013.
- 77) Reverse Shoulder Arthroplasty Surgical Skills Course: Sawbones Lab  
McFarland EG, Crosby LA, Duralde XA, Marra G, Petersen SA, **Bicknell RT**, et al.  
American Academy of Orthopaedic Surgeons Annual Meeting, Chicago, Illinois, March 2013.
- 78) Shoulder Instability Surgical Skills Course: Sawbones Lab  
Armstrong AD, Murthi AM, Tashjian RZ, Wolf BR, **Bicknell RT**, et al.  
American Academy of Orthopaedic Surgeons Annual Meeting, Chicago, Illinois, March 2013.
- 79) Rotator Cuff Repair Surgical Skills Course: Sawbones Lab  
McCann PD, Burkhart SS, Cain EL, Krishnan SG, Lazarus MD, **Bicknell RT**, et al.  
American Academy of Orthopaedic Surgeons Annual Meeting, Chicago, Illinois, March 2013.
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- 80) Shoulder Fracture Sawbones Lab  
Drosdowech D, McKee M, Cikes A, Alami G, Lalani A, Faber K, Athwal G, Laflamme Y, Gaudelli C. **Bicknell RT**.  
JOINTS Canada 2013 Montreal Shoulder Course, Montreal, Quebec, Canada, February 2013.
- 81) Shoulder Arthroscopy Cadaver Lab  
Walch G, Drosdowech D, Mohtadi N, Godbout V, Balyk R, Moro J, Sheps D, Balg F, Litchfield R, Blanchette D, **Bicknell RT**.  
JOINTS Canada 2013 Montreal Shoulder Course, Montreal, Quebec, Canada, February 2013.
- 82) Shoulder Arthroplasty Cadaver Lab  
Walch G, Balg F, Alami G, McKee M, Faber K, Litchfield R, Holtby R, Chin P, Blanchette D, Theodoropoulos J, **Bicknell RT**.  
JOINTS Canada 2013 Montreal Shoulder Course, Montreal, Quebec, Canada, February 2013.
- 83) Shoulder/Elbow Case Review  
**Bicknell RT**, Richards R  
Canadian Orthopaedic Resident Review in Reconstructive Surgery (CORR-Recon), Toronto, Ontario, Canada, January 2013.
- 84) Cadaver Lab: Delta Xtend  
Boorman R, **Bicknell RT**, Chin P, Drosdowech D  
DePuy Masters Shoulder Arthroplasty Course, Toronto, Ontario, Canada, November 2012.
- 85) Cadaver Lab: Global AP  
Boorman R, **Bicknell RT**, Chin P, Drosdowech D  
DePuy Masters Shoulder Arthroplasty Course, Toronto, Ontario, Canada, November 2012.
- 86) Cadaver Lab: Shoulder Arthroscopy/Sports Medicine  
Boorman R, **Bicknell RT**, Wong I, Drosdowech D  
DePuy Masters Shoulder Arthroplasty Course, Toronto, Ontario, Canada, November 2012.
- 87) Shoulder Arthroplasty Case Review: Long Peg Metaglone  
Boorman R, **Bicknell RT**, Drosdowech D.  
DePuy Masters Shoulder Arthroplasty Course, Toronto, Ontario, Canada, November 2012.
- 88) Sports Medicine Case Review: Biceps  
Boorman R, **Bicknell RT**, Drosdowech D.  
DePuy Masters Shoulder Arthroplasty Course, Toronto, Ontario, Canada, November 2012.
- 89) Sports Medicine Case Review: Partial Thickness Rotator Cuff Tears  
Boorman R, **Bicknell RT**, Drosdowech D.  
DePuy Masters Shoulder Arthroplasty Course, Toronto, Ontario, Canada, November 2012.
- 90) Shoulder Instability Instructional Course Lecture: Sawbones Lab  
Armstrong AD, Murthi A, **Bicknell RT**, et al.  
American Academy of Orthopaedic Surgeons Annual Meeting, San Francisco, California, February 2012.
- 91) Shoulder/Elbow Case Review  
**Bicknell RT**, McCormack R.  
Canadian Orthopaedic Resident Review in Reconstructive Surgery (CORR-Recon), Toronto, Ontario, Canada, January 2012.
- 92) Shoulder Arthroplasty Cadaver Lab
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Flatow E, Hawkins R, Balg F, Drosdowech D, Pellett S, Martineau P, Beaumont P, Gagnon S, Sheps D, **Bicknell RT**.  
JOINTS Canada 2012 Montreal Shoulder Course, Montreal, Quebec, Canada, January 2012.

93) Fracture Case Review

**Bicknell RT**, Drosdowech D, McKee M.

JOINTS Canada 2012 Montreal Shoulder Course, Montreal, Quebec, Canada, January 2012.

94) Shoulder Arthroscopy Workshop: Cadaver Lab

Bardana D, **Bicknell RT**, Chin P.

Kingston Shoulder Arthroscopy Course (Junior residents), Queen's University, Kingston, Ontario, Canada, September 2011.

95) Shoulder Arthroscopy Workshop: Cadaver Lab

Bardana D, **Bicknell RT**, Chin P.

Kingston Shoulder Arthroscopy Course (Senior residents/fellows), Queen's University, Kingston, Ontario, Canada, September 2011.

96) Cadaver Lab: Delta Xtend

Boorman R, **Bicknell RT**, Drosdowech D

DePuy Masters Shoulder Arthroplasty Course, Vancouver, British Columbia, Canada, September 2011.

97) Cadaver Lab: Global AP

Boorman R, **Bicknell RT**, Drosdowech D

DePuy Masters Shoulder Arthroplasty Course, Vancouver, British Columbia, Canada, September 2011.

98) Sports Medicine Case Reviews and Patient Selection

Boorman R, **Bicknell RT**, Drosdowech D.

DePuy Masters Shoulder Arthroplasty Course, Vancouver, British Columbia, Canada, September 2011.

99) Proximal Humerus Fractures: Case-based Discussions Symposium

Papp S, McKee MD, Guy P, **Bicknell RT**.

Canadian Orthopaedic Association Annual Meeting, St. John's, Newfoundland, Canada, July 2011.

100) Rotator Cuff and Biceps Repair Workshop

**Bicknell RT**, Rouleau DM, Lapner P, Athwal GS, Beavis C, Faber KJ, Old J, LeBel M, Pollock JW.

Canadian Orthopaedic Association Annual Meeting, St. John's, Newfoundland, Canada, July 2011.

101) Case Review (Global AP)

**Bicknell RT**, Taillon M

DePuy Masters Shoulder Arthroplasty Course, London, Ontario, Canada, May 2011.

102) Cadaver Lab: Delta Xtend

Drosdowech D, **Bicknell RT**, Taillon M.

DePuy Masters Shoulder Arthroplasty Course, London, Ontario, Canada, May 2011.

103) Cadaver Lab: Global AP

Drosdowech D, **Bicknell RT**, Taillon M.

DePuy Masters Shoulder Arthroplasty Course, London, Ontario, Canada, May 2011.

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- 104) Case Review and Patient Selection (Delta Xtend)  
**Bicknell RT**, Taillon M.  
 DePuy Masters Shoulder Arthroplasty Course, London, Ontario, Canada, May 2011.
- 105) Upper Extremity: Shoulder Reconstruction Paper Session  
 Hawkins RH, **Bicknell RT** (Co-moderator)  
 Canadian Orthopaedic Association Annual Meeting, Edmonton, Alberta, Canada, June 2010.
- 106) Arthroscopy Workshop: Rotator Cuff and Instability  
 Bardana D, **Bicknell RT**  
 Kingston Shoulder Arthroscopy Course, Queen's University, Kingston, Ontario, Canada, September 2009.
- 107) Sports Upper Extremity Paper Session  
 Regan WD, **Bicknell RT** (Co-moderator).  
 Canadian Orthopaedic Association Annual Meeting, Whistler, British Columbia, Canada, July 2009.
- 108) Cadaver Lab: Humerus Approaches and Locked Plating  
 Bardana D, **Bicknell RT**  
 Canadian Orthopaedic Residents Trauma Course, Kingston, Ontario, Canada, May 2008.
- 109) Arthroscopy Workshop: Rotator Cuff and Instability  
 Bardana D, **Bicknell RT**  
 Kingston Shoulder Arthroscopy Course, Queen's University, Kingston, Ontario, Canada, November 2008.
- 110) Arthroscopy Workshop: Rotator Cuff and Instability  
 Maki N, **Bicknell R.**  
 Nice Shoulder Course, Nice, France, June 2006.

## AWARDS

- 2017 **BEST NON-RESIDENT ORTHOPAEDIC PAPER**  
 Factors Contributing to Glenoid Baseplate Micromotion in Reverse Shoulder Arthroplasty  
 Lung T, Cruickshank D, Bryant T, Rainbow M, Grant H, **Bicknell RT**  
 36<sup>th</sup> Annual William Ersil Resident Research Day  
 Department of Surgery  
 Queen's University  
 Kingston, Ontario
- 2016 **BEST PAPER IN ORTHOPAEDIC SURGERY**  
 An Study of the Trabecular Bone Density Distribution in the Scapula Relevant to Reverse Shoulder Arthroplasty  
 Sharma V, Daalder M, Venne G, MacKenzie L, Rainbow M, Bryant T, **Bicknell RT**  
 35<sup>th</sup> Annual William Ersil Resident Research Day  
 Department of Surgery  
 Queen's University  
 Kingston, Ontario
- 2015 **BEST PAPER IN ORTHOPAEDIC SURGERY**  
 A Randomized Controlled Trial Comparing Arthrographic Joint Distension with and without Steroids for the Treatment of Adhesive Capsulitis  
 Tucker A, Hiscox C, Bicknell RT  
 34<sup>th</sup> Annual William Ersil Resident Research Day
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Department of Surgery  
Queen's University  
Kingston, Ontario

- 2013      **BEST POSTER**  
Range of Motion and Stability in Reverse Shoulder Arthroplasty  
North L, Pickell M, Clouthier A, Bryant T, Deluzio K, Bicknell RT  
32<sup>nd</sup> Annual William Ersil Resident Research Day  
Department of Surgery  
Queen's University  
Kingston, Ontario
- 2012      **BEST PAPER IN ORTHOPAEDIC SURGERY**  
The Effects of Humeral Head Modularity on Functional and Radiographic Outcomes  
Following Shoulder Arthroplasty  
Arora D, Yeung R, Bicknell RT  
31<sup>st</sup> Annual William Ersil Resident Research Day  
Department of Surgery  
Queen's University  
Kingston, Ontario
- 2012      **PRESIDENT'S AWARD FOR BEST POSTER**  
Dislocation by Impingement in Reverse Shoulder Arthroplasty  
North L, Clouthier A, Bryant T, Deluzio K, Bicknell RT  
17<sup>th</sup> Biannual Meeting of the Canadian Society for Biomechanics  
Vancouver, British Columbia
- 2012      **HIGH SCORING POSTER**  
Does Implant Adaptability Affect Functional Outcome Following Shoulder Arthroplasty: A  
Comparison of Two Implant Designs  
Arora D, Bicknell RT  
67<sup>th</sup> Annual Meeting of the Canadian Orthopaedic Association  
Ottawa, Ontario
- 2011      **BEST PAPER IN ORTHOPAEDIC SURGERY**  
Factors Affecting Stability of Reverse Shoulder Arthroplasty  
Fedorak G, Clouthier A, Hetzler M, Vivani S, Deluzio K, Bryant T, Bicknell RT  
30<sup>th</sup> Annual William Ersil Resident Research Day  
Department of Surgery  
Queen's University  
Kingston, Ontario
- 2011      **MICHAEL A. SIMURDA AWARD FOR EXCELLENCE IN ORTHOPAEDIC EDUCATION**  
Division of Orthopaedic Surgery  
Queen's University  
Kingston, Ontario
- 2011      **PAIRO EXCELLENCE IN CLINICAL TEACHING AWARD NOMINATION**  
Professional Association of Internes and Residents of Ontario (PAIRO)  
Queen's University  
Kingston, Ontario
- 2010      **TOP SCORING POSTER**  
Type II SLAP Lesions: Biceps Tenodesis in an Older Patient Population  
Sendher R, Bardana D, Bicknell RT  
65<sup>th</sup> Annual Meeting of the Canadian Orthopaedic Association
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Edmonton, Alberta

- 2009      **NEER AWARD FINALIST**  
Bicknell RT, G, Nové-Josserand L, Bertelsen A, Matsen FA  
Instability after Reverse Shoulder Arthroplasty  
25<sup>th</sup> Annual Open Meeting of American Shoulder and Elbow Surgeons  
Las Vegas, NV, USA
- 2005      **NEER AWARD FINALIST**  
Bicknell RT, DeLude JA, Ferreira LM, Dunning CE, King GJW, Johnson JA, Faber KJ, Drosdowech D  
Computer-assisted Shoulder Hemiarthroplasty for Fractures of the Proximal Humerus: Development of a Novel Technique and an in vitro Comparison with Traditional Methods  
21<sup>st</sup> Annual Open Meeting of American Shoulder and Elbow Surgeons  
Washington, DC, USA
- 2003      **PHYSICIAN SERVICES INCORPORATED (PSI) FOUNDATION RESIDENT RESEARCH PRIZE**  
Bicknell RT, Harwood JC, Ferreira LM, King GJW, Johnson JA, Faber, KJ, Drosdowech D  
Cyclic Loading of Rotator Cuff Repairs: An in vitro Biomechanical Comparison of Bioabsorbable Anchors with Transosseous Sutures  
University of Western Ontario  
London, Ontario, Canada
- 2003      **RESEARCH AWARD NOMINATION**  
Bicknell RT, Harwood JC, Ferreira LM, King GJW, Johnson JA, Faber, KJ, Drosdowech D  
Cyclic Loading of Rotator Cuff Repairs: An in vitro Biomechanical Comparison of Bioabsorbable Anchors with Transosseous Sutures  
22<sup>nd</sup> Annual Meeting of the Arthroscopy Association of North America  
Phoenix, AZ, USA
- 1998      **CANADIAN SOCIETY FOR CLINICAL INVESTIGATIONS (CSCI) RESEARCH PRIZE**  
Lindsay CS, Dunning CE, Bicknell RT, Johnson JA, King GJW, GK, Patterson SD  
Ilizarov Hybrid External Fixation of Distal Radius Fractures in Comparison to Conventional Techniques  
Medical Research Council of Canada (MRC)  
Ottawa, Ontario, Canada
- 1998      **BRISTOL MYERS SQUIBB RESEARCH AWARD**  
MD Programme, McMaster University  
Hamilton, Ontario, Canada
- 1997      **FIRST PRIZE**  
Dunning CE, Lindsay CS, Bicknell RT, Johnson JA, King GJW, GK, Patterson SD  
Fixation of Distal Radius Fractures: In vitro Stability of a new Hybrid Ring External Fixator vs. the Dorsal AO Plate  
9<sup>th</sup> Annual Lawson Research Institute Sister Mary Doyle Day  
London, Ontario, Canada
- 1997      **THIRD PLACE BASIC SCIENCE CATEGORY**  
Dunning CE, Lindsay CS, Bicknell RT, Johnson JA, King GJW, GK, Patterson SD  
Fixation of Distal Radius Fractures: In vitro Stability of a new Hybrid Ring External Fixator vs. the Dorsal AO Plate  
25<sup>th</sup> Clinical Seminar in Orthopaedic Surgery, University of Western Ontario  
London, Ontario, Canada
-

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1996 – 1997 **SUS GRADUATE STUDENT SCHOLARSHIP**  
University of Western Ontario  
London, Ontario, Canada

1992 – 1996 **DEAN'S HONOURS LIST**  
University of Western Ontario  
London, Ontario, Canada

## **JOURNAL REVIEWER**

2016 - PRESENT The Journal of the American Academy of Orthopaedic Surgeons  
2012 - PRESENT The Journal of Bone and Joint Surgery (American)  
2010 - PRESENT The Physician and Sportsmedicine  
2010 - PRESENT Journal of Shoulder and Elbow Surgery  
2009 - PRESENT Canadian Journal of Surgery  
2008 - PRESENT Current Orthopaedic Practice  
2008 - PRESENT Clinical Orthopaedics and Related Research

## **COMMITTEE MEMBERSHIP**

### **INTERNATIONAL**

2016 - 2018 Exchange Fellowship Committee  
American Shoulder and Elbow Surgeons  
2017 Open Meeting/Specialty Day Program Committee  
American Shoulder and Elbow Surgeons  
2015 - PRESENT Shoulder and Elbow Program Committee  
American Academy of Orthopaedic Surgeons

### **NATIONAL**

2017 – PRESENT Research Committee  
Canadian Orthopaedic Foundation  
2013 - 2015 Annual Shoulder Course Planning Committee  
Canadian Shoulder and Elbow Society (CSES) (formerly JOINTS Canada)  
2010 - PRESENT Exchange Fellowship Committee  
Canadian Orthopaedic Association

### **UNIVERSITY**

2017 – PRESENT Strategic Planning and Recruitment Committee

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	Southeastern Ontario Academic Medical Organization (SEAMO), Queen's University
2016 – PRESENT	Executive Committee Clinical Teachers' Association of Queen's University (CTAQ), Queen's University
2009 – PRESENT	Executive Committee Human Mobility Research Centre (HMRC), Queen's University
2007 – PRESENT	Scientific Committee Human Mobility Research Centre (HMRC), Queen's University

## **DEPARTMENTAL**

2012 – PRESENT	Research Committee Department of Surgery, Queen's University Kingston, Ontario, Canada
2008 - 2016	Co-ordinator, William Ersil Annual Resident Research Day Department of Surgery, Queen's University Kingston, Ontario, Canada

## **HOSPITAL**

2014 - PRESENT	Ambulatory Clinics Committee Hotel Dieu Hospital and Kingston General Hospital Kingston, Ontario, Canada
2010 - 2011	Orthopaedic Surgery Out-patient Clinic Restructuring Committee Hotel Dieu Hospital Kingston, Ontario, Canada
2008 - 2011	Orthopaedic Surgery Patient Care System Integration Committee Kingston General Hospital Kingston, Ontario, Canada

## **PROFESSIONAL MEMBERSHIPS**

American Academy of Orthopaedic Surgeons (AAOS) – International Affiliate Member

American Shoulder and Elbow Surgeons (ASES) – Active Member

Association of Clinical Elbow and Shoulder Surgeons (ACCESS)

Canadian Medical Association

Canadian Orthopaedic Association (COA)

Canadian Shoulder and Elbow Society (CSES)

College of Physicians and Surgeons of Ontario (CPSO)

European Society for Surgery of the Shoulder and Elbow (SECEC-ESSSE) – Corresponding Member

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JOINTS® (Joint Orthopaedic Initiative for National Trials of the Shoulder) Canada

Medical Council of Canada

Ontario Medical Association

Royal College of Physicians and Surgeons of Canada

## **LICENSING EXAMINATIONS AND CERTIFICATIONS**

2007	Part I Examination, American Board of Orthopaedic Surgery
2005	Examination in Orthopaedic Surgery, Royal College of Physicians and Surgeons of Canada
2002	AO ASIF Principles of Fracture Management, AO North America
2002	Advanced Trauma Life Support – Instructor Certification, American College of Surgeons
2002	Principles of Surgery Examination, Royal College of Physicians and Surgeons of Canada
2001	Licentiate of the Medical Council of Canada
2001	United States Medical Licensing Examination – Step Three
2001	Medical Council of Canada Qualifying Examination – Part Two
2000	Advanced Trauma Life Support Certification, American College of Surgeons
2000	Advanced Cardiac Life Support Certification, American Heart Association
2000	Medical Council of Canada Qualifying Examination – Part One
2000	United States Medical Licensing Examination – Step Two
1999	United States Medical Licensing Examination – Step One

## **REFERENCES**

Available on request.

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