ALI ZAHRAI, BSc, MD, MSc, FRCSC, ABOS

PEER-REVIEWED PUBLICATIONS


PEER-REVIEWED PUBLISHED ABSTRACTS AND PRESENTATIONS


Zahrai A, Chahal J, Stojimirovic D, Schemitsch E, Yee A, Kraemer W. Quality of life and educational benefit among orthopedic surgery residents: A prospective, multi-centre comparison of the night float and the standard call systems. *Canadian Orthopaedic Association (COA) and Canadian Orthopaedic Resident Association (CORA)*. Edmonton, Canada. 2010.


MASTER OF SCIENCE THESIS

Thesis title: What Do Patients Want to Know? Determining the Information Needs of Patients Undergoing Lumbar Microdiscectomy

Research goal: Development of a Preliminary Preoperative Education Tool for Patients Undergoing Lumbar Microdiscectomy

- Qualitative methodology was utilized to determine patient information needs
- Focus group interviews with all relevant stakeholders were conducted
- Focus groups included pre-operative and post-operative patients, spine surgeons, spine fellows, residents, anesthesiologists, pre-operative staff team (e.g. nurses, educators, managers) and surgeons’ administrative assistants
- The data was analyzed to derive desired content areas of patient information needs

KEY COMPETENCIES GAINED THROUGH MASTERS PROGRAM

- Qualitative Research Methodology
- Effective Leadership
• Team Efficiency and Team Management
• Health Sector Organization and Management
• Health Sector Strategy
• Health Sector Marketing
• Healthcare Consulting
• Balanced Score Card
• Pay-for-Performance
• Design and Assessment of Health Status Measures
• Grant Acquisition
• Biostatistics
• Clinical Epidemiology

HEALTH SECTOR PROJECTS

2010 The University of Toronto Spine Collaborative – Creation of a Collaborative Model to Enhance the Triage of Acute Spine Patients
2010 Canadian Spine Society (CSS) and Canadian Orthopaedic Foundation (COF) – Research and Development Team Member for the Canadian Spine Education Website (www.BackCareCanada.ca)
2009 Rotman School of Management – Lead pro bono Consultant, Strategic Marketing and Tactical Plan for Wyeth’s Advil in the Canadian market
2009 Rotman School of Management – Lead pro bono Consultant, Strategic Marketing and Tactical Plan for Stryker Exeter Stem in Ontario, Canada
2009 Rotman School of Management – Pro bono Consultant, Ontario Hospital Association (OHA), Analysis of the Data and Indicators for Hospital Efficiency and Performance
2009 Rotman School of Management – Position Paper, Local Health Integration Networks (LHINs). Review of the Strengths, Weaknesses, and Metrics for Long-Term Survival

HEALTH SECTOR CORE COURSES

2008 Health Sector Strategy and Organization, Rotman School of Management
2009 Effective Leadership, Rotman School of Management
2009 Health Care Consulting, Rotman School of Management
2009 Health Care Marketing, Rotman School of Management
2009 Measurement in Clinical Research, Department of Health Policy, Management, and Evaluation

RESEARCH GRANTS

2010 Postgraduate Medical Education (PGME) Research Fellowship Award ($15,000), University of Toronto
2010 Johnson & Johnson Fellowship Award ($25,000), Outstanding Resident in Surgeon-Scientist Program
2010 Graduate Student Endowment Fund Lawson Award ($15,000), University of Toronto
2009 Ontario Graduate Scholarship ($15,000), Ministry of Training, Colleges and University

INVITED LECTURES

03/20/2013 Orthopaedic Surgery Grand Rounds, University of Manitoba. Title: Strategies to Improve Efficiency and Decrease Costs of Spine Surgery.
06/31/2012 Orthopaedic Surgery Grand Rounds, University of New Mexico, Albuquerque, NM.
12/16/2011 Orthopaedic Grand Rounds, University of Manitoba. Title: Minimal Resource Effective Spine Surgery
07/07/2011 JA Nutter Lecture – 66th Canadian Orthopaedic Association (COA) Annual Meeting, St. John’s, NL.
07/06/2011 Canadian Orthopaedic Resident Association (CORA), St. John’s, NL. Title: The (Un) Happy Triad: Research, Exam and Fellowship – What you need to know to succeed.
09/06/2010  Annual Ontario Orthopaedic Association (OOA) Meeting. Title: Quality of life and educational benefit among orthopedic surgery residents: A prospective, multi-centre comparison of the night float and the standard call systems.

09/15/2010  Grand Surgical Rounds, University of Manitoba, Winnipeg, Manitoba. Title: What patients want to know: Determining the information needs of patients undergoing lumbar spine surgery.

ACADEMIC ACTIVITIES

12/01/2014-Present  Spine Surgery Teaching Faculty, Largo Medical Center Orthopaedic Surgery Residency program, University of South Florida Morsani College of Medicine

10/08/2009-11/02/2010  Contributing member, Canadian Spine Society Back Care Website Development

07/01/2009-06/30/2010  Research Investigator, University of Toronto Spine Collaborative Group (SpineLINK)

07/01/2009-07/01/2010  Spine Program Strategic Planning Committee Member, University of Toronto Spine Program

07/01/2009-07/01/2010  SpineFEST™ Program Committee Member, University of Toronto Spine Program

03/07/2009  Invited Manuscript Reviewer, Psychiatry Research Journal

TEACHING

01/30/2013  Cervical spine trauma review, University of New Mexico core Orthopaedic resident curriculum

06/06/2011  University of Toronto Spine Cadaver Course for Residents

07/09/2010  Mini AO course and casting for Residents, University of Toronto

08/05/2009  Ankle fracture surgical management, Competency Based Curriculum Resident teaching, University of Toronto

ACADEMIC SERVICE

12/01/2014-Present  Spine Surgery Teaching Faculty, Largo Medical Center Orthopaedic Surgery Residency program, University of South Florida Morsani College of Medicine

12/01/2005-02/01/2010  Admissions Committee Member, Division of Orthopaedic Surgery, University of Toronto

12/11/2008-4/12/2010  Program Committee Member, Royal College of Physicians and Surgeons Clinical Investigator Program, University of Toronto

7/11/2008-10/13/2010  Research Committee Member, Department of Surgery, University of Toronto

07/01/2005-06/31/2009  Social Representative, Division of Orthopaedic Surgery, University of Toronto

08/01/2005-06/31/2007  Resident Representative, Program committee, Division of Orthopaedic Surgery, University of Toronto

PROFESSIONAL SOCIETY POSITIONS AND MEMBERSHIPS

12/31/2017-Present  North American Spine Society

07/01/2005-Present  American Academy of Orthopaedic Surgeons

07/01/2005-Present  Canadian Orthopaedic Association

EXTRACURRICULAR ACTIVITIES

12/02/2008-09/23/2011  Board Member, Board of Directors, Old Woodbridge YRCECC-1088 Corporation, Vaughan, ON.