

KEN T. FERN, BSc, MD, FRCSC, CIME

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EDUCATION

2007-Present	CIME, Certified Independent Medical Examiner, American Board of Independent Medical Examiners (re-certified October 2011)
1997-2003	FRCSC, Royal College Certification in Orthopaedic Surgery Spinal Surgery Fellowship, Orthopaedic & Arthritic Institute and Sunnybrook and Women's College Health Sciences Centre, Toronto, Ontario Postgraduate Orthopaedic Surgery Training, Queen's University, Kingston, Ontario
1993-1997	MD, Queen's University, Kingston, Ontario
1990-1993	BSc with Distinction, Life Sciences, Queen's University, Kingston, Ontario

EMPLOYMENT

Present	Peer Assessor, College of Physicians and Surgeons of Ontario
2011-2012	Chief of the Division of Orthopaedic Surgery, Lakeridge Health
2010-Present	Assistant/Adjunct Professor, Department of Family Medicine, Queen's University, Kingston, Ontario
2003-Present	Active Staff, Lakeridge Health, Oshawa, Ontario, Orthopaedic Surgery

HONOURS & AWARDS**Graduate Awards:**

1998	William Ersil Memorial Award
1997	Ontario Medical Association Prize in Community Health and Epidemiology
1997	Professor's Prize in Ophthalmology
1996	Bristol-Myers Squibb Award
1995	Canadian Orthopaedic Foundation Research Award
1994	John F. Sparks Memorial Award
1994	Alumni National Scholarship

Undergraduate Awards:

1994	NSERC Research Award in Molecular Biology
1993	NSERC Research Award in Cell Biology
1990-93	Canada Scholarship
1991-92	Dean's Honour List
1990-92	William Foundation Award
1990-93	Alumni National Scholarship

RESEARCH AND PUBLICATIONS

Principal Investigator:

Phase III, multi-centre, randomized, double-blind, placebo-controlled, parallel design, 2-arm study to investigate the effect of Aprotinin on transfusion requirements in patients undergoing elective spinal fusion surgery. 2006

Sub-Investigator:

Phase III, multinational, multi-centre, double-blind, randomized, placebo-controlled, parallel controlled, parallel group assessing the efficacy of intravenous zoledronic acid in preventing subsequent osteoporotic fractures after a hip fracture. 2003

Phase IIb, oral direct factor Xa inhibitor in prevention of venous thromboembolism in patients undergoing total knee replacement. 2004

Phase III, randomized, parallel-group, double-blind, active controlled study to investigate the efficacy and safety of two different dose regimens (75 mg day 1 followed by 150 mg day 2 to completion, and 110 mg day 1 followed by 220 mg day 2 to completion) of dabigatran etexilate administered orally (capsules), compared to enoxaparin 30 mg twice a day subcutaneous for 12-15 days in prevention of venous thromboembolism in patients with primary elective total knee replacement surgery. 2005

Phase IIa, multi-centre, multinational, open-label, dose ranging study of the efficacy, safety, and tolerability of oral DU-176b administered once or twice daily in the treatment of adult patients undergoing total hip arthroplasty. 2005

Phase III, multi-centre, randomized, double-blind, placebo-controlled, parallel design, 2 arm study to investigate the effect of Aprotinin on transfusion requirements and blood loss in patients undergoing elective primary total hip replacement surgery. 2005

Phase II, a dose ranging trial for the evaluation of the safety, tolerability and efficacy of Odiparcil in the prevention of venous thromboembolism following total knee replacement surgery. 2005

Publications:

Trauma Patients with Multiple Extremity Injuries: Resource Utilization and Long-Term Outcome in Relation to Injury Severity Scores.

Fern, K.T.; Smith, T.; Zee, B.; Lee, A.; Borschneck, D.; and Pichora, D.R.

The Journal of Trauma. 1998; 45(3): 489-494.

Ford, M.H. and Fern, K.T.: Neck, Spinal Cord, and Back, in R. Charles Bull (editor): *Handbook of Sports Injuries, 2nd, edition*. New York, McGraw-Hill, 2004.

Referred Abstracts and Presentations at National Meetings:

A Two Year Prospective Study of Preoperative Predictive Factors and Digitized Imaging with Functional Outcomes Following Lumbar Discectomy.

Fern, K.T.; Chin, Y.K.P.; Lavallee, C.; Smith, R.; and Yen, D.

Digitized CT Imaging and 3D Modelling of Neural Impingement for Spinal Stenosis: A Two Year Prospective Study of Functional Outcome.

Chin, Y.K.P.; Fern, K.T.; Lavallee, C.; Smith, R.; Ellis, R.; and Yen, D.

Both presented at: Queen's University Department of Surgery Resident Research Day, 2001: 1st Canadian Congress of Spinal Surgery, 2000

Clinical Outcomes of Free Vascularized Fibular Grafting for Osteonecrosis of the Femoral Head.

Fern, K.T. and Pichora, D.R.

Presented at: Queen's University Department of Surgery Resident Research Day, 2000

Multiple Extremity Injury Cost of Care and Health-Related Quality of Life: Outcome Correlation with Initial Abbreviated Injury Scale (AIS) Scores.

Vipond, G.; Fern, K.T.; Smith, T.; Zee, B.; and Pichora, D.R.

Presented at: Canadian Orthopaedic Association Annual Meeting, 1998

The Psychosocial Outcome and Psychological Impact of Multiple Extremity Trauma at Two Year Follow-Up.

Fern, K.T. and Pichora, D.R.

The Journal of Bone and Joint Surgery, 80-B: Suppl. I: 3, 1998.

Presented at: Queen's University Department of Surgery Resident Research Day, 1998
Canadian Orthopaedic Association Annual Meeting, 1997

Resource Allocation in Trauma Patients with Multiple Extremity Injuries.

Hawley, K.S.; Fern, K.T.; Smith, T.; Zee, B.; and Pichora, D.R.

The Journal of Bone and Joint Surgery, 80-B: Suppl. I: 3, 1998.

Presented at: Canadian Orthopaedic Association Annual Meeting, 1997

Trauma Patients with Multiple Extremity Injuries: Resource Utilization and Long-Term Outcome in Relation to Injury Severity Scores.

Fern, K.T.; Smith, T.; Zee, B.; Lee, A.; Borschneck, D.; and Pichora, D.R.

The Journal of Bone and Joint Surgery, 79-B: Suppl. I, 1997

Presented at: Orthopaedic Trauma Association Annual Meeting, 1996
Canadian Orthopaedic Association Annual Meeting, 1996

ACCREDITATIONS/QUALIFICATIONS

- 2015 Orthopedics Today Course (current concepts)
- 2014 Orthopedics Today Course (current concepts)
- 2012 Orthopedics Today Course (current concepts)
- 2011 AMA Guides to the Evaluation of Permanent Impairment, 6th Edition with Review of Principles of Disability Assessment Course
- 2011 AMA Guides to the Evaluation of Permanent Impairment, 5th Edition Review
- 2011 Hospital for Special Surgery Total Knee Course
- 2011 Orthopedics Today Course (current concepts)
- 2010 5th Mayo Clinic International Spine Symposium
- 2009 4th Mayo Clinic International Spine Symposium
- 2008 3rd Mayo Clinic International Spine Symposium
- 2008 Whiplash Associated Disorder Update Conference (Canadian Society of Medical Evaluators)
- 2007 Advanced Concepts in the Management of Spinal Disorders
- 2007 AMA Guides to Evaluation of Permanent Impairment, 5th Edition with Review of Principles of Disability Assessment Course
- 2006 AO/ASIF Degenerative Spine Symposium on Principles and Emerging Technologies
- 2006 Surgical Advances in Orthopaedics Course
- 2005 Current Techniques in Operative Fixation of Fractures Around the Knee Course
- 2004 Kyphon Inflatable Bone Tamp Technology Course
- 2003 Royal College Certification in Orthopaedic Surgery
- 2002 Advanced Surgical Techniques for Spinal Fusion Course
- 2001 Surgical Strategies in Revision Hip and Knee Replacement Course
- 2000 AO/ASIF Principles of Fracture Management Course
- 1999 Principles of Surgery Examination
- 1998 Medical Council of Canada Qualifying Examination Part II
- 1997 Medical Council of Canada Qualifying Examination Part I
- 1997 Advanced Trauma Life Support
- 1997 Advanced Cardiac Life Support

PROFESSIONAL MEMBERSHIPS

Canadian Orthopaedic Association
Lakeridge Health Staff Association
Canadian Medical Association
Ontario Medical Association
Canadian Medical Protective Association
College of Physicians and Surgeons of Ontario
Royal College of Physicians and Surgeons of Canada
Canadian Society of Medical Evaluators