

# E. Lyle Gross, MD, FRCPC, FRACP Physical Medicine and Rehabilitation Specialist

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## EMPLOYMENT HISTORY

1986 - Present	Consultant, Medico-Legal, Complex Pain and Disability Issues Edmonton, Alberta
2009 - 2012	Specialist Advisor, Special Care Services WorkSafe BC   British Columbia, Canada
2005 - 2014	Adjunct Professor University of British Columbia   British Columbia, Canada
2001 - 2006	Faculty, Physical Medicine and Rehabilitation Mayo Medical School   Rochester, Minnesota
2001 - 2006	Staff, Department of Physical Medicine Rehabilitation Mayo Clinic   Rochester, Minnesota
1996 - 2004	Associate Clinical Professor, Physical Medicine and Rehabilitation University of Alberta   Edmonton, Alberta
1990 - 2001	Founder, President and CEO Gross Rehabilitation Centres   Edmonton, Alberta
1988 - 1990	Director Medical Services Workers' Compensation Board of Alberta   Edmonton, Alberta
1987 - 2001	Adjunct Professor, Community and Public Health University of Alberta   Edmonton, Alberta
1985 - 1986	Lecturer, Department of Physical Medicine and Rehabilitation Mayo Clinic   Rochester, Minnesota

## APPOINTMENTS (NON-ACADEMIC)

2010 - Current	Chair, ML Section CAPM&R
2014 - Current	Chair SIG, CAPM&R
1990 - 2001	Founder, President and CEO, Gross Rehabilitation Centre
1986 - 2000	President ELGHN (Disability Management Corporation)
1988 - 1990	Director, Medical Services, Workers' Compensation Board of Alberta

## MEMBERSHIPS & COMMITTEES

1983 – Current	Member, Alberta College of Physicians and Surgeons
2005 – Current	Member, British Columbia College of Physicians and Surgeons
1995 - 1998	Chairperson, Chronic Pain Clinic, Capital Health Authority, University of Alberta
1995	Advisor, Canadian Bar Association Task Force Committee on Healthcare Reform
1994-1996	National Ethics and Legislation Committee, Canadian Association of Rehabilitation Personnel
1993 - Current	College of Physicians and Surgeons of Alberta - Triplicate Prescription Committee
1993 - Current	College of Physicians and Surgeons of Alberta - Committee on Independent Medico-Legal Examinations
1992	Chairperson, Committee on Disability Management, Edmonton
1986	Strategic Planning Committee Member, Workers' Compensation Board
1985 - Current	Member, American Congress of Physical Medicine and Rehabilitation Minnesota Physiatric Society
1981- Current	Associate Member, Alberta Physiatrists' Association

## EDUCATIONAL COMMITTEES

2001 - 2006	Education Committee, American College of Legal Medicine
2001	Faculty, First Canadian Physical Medicine and Rehabilitation Review Course, University of Alberta
2001-2003	Work Injury Residency Program Development Director Impairment Disability Assessment Course
1993 - 2000	Chronic Pain Third Party Medico-Legal Assessment Residency Rotation, Physical Medicine and Rehabilitation, University of Alberta

## MAYO CLINIC LECTURER

2001 - 2004	Musculoskeletal Course Lecturer Back/Neck/Musculoskeletal Lecture for Mayo Graduate School of Medicine Second Year Students (Cervical and lumbar spine, hip) Musculoskeletal/Rehabilitation Clinical Experience
2002	Impairment and Disability in the Workplace Department of Neurosurgery
2002	Existing Technology for Joint Measurement: Advances in Biomechanics Lab and Alternative Software Products Physical Medicine and Rehabilitation Grand Rounds
2002	Assessing Impairment and Disability for Social Security in Workers Compensation in Patients with Neurologic Pathology Neurology Grand Rounds
2002	Impairment and Disability in the Working Population Orthopedics Grand Rounds
2001	Injured Workers Assessment and Management of Pain in Clinical Practice PMR Grand Rounds

## INVITED PAPERS & PRESENTATIONS

- September 2008 Medico-Legal Challenges in Physician Assessment of Impairment and Disability, ISSA Conference on Disability Management, Berlin, Germany
- July 2008 Invited Paper, Collapse of the Welfare State  
3rd Interdisciplinary Studies Conference, Prato, Italy
- February 2008 Speaker, New Zealand Pain Society, Assessment of Disability, Cost Containment and Policy, Auckland, New Zealand
- February 2007 Faculty, Complex Pain in Urologic Injury and Illness  
Apollo Hospitals, Samvedana Pain Center, New Delhi  
Faculty, Christian Medical College (CMC), Ludhiana, India
- November 2006 Faculty, Medico-Legal Assessment of Disability, Division of Rehabilitation  
Medicine of Hospitals das Clinicas, School of Medicine, University of Sao Paulo, Brazil
- March 2006 Faculty Speaker, The Complexities of Chronic Pain  
Ludhiana and New Delhi, India
- March 2005 Faculty Speaker, The Dilemma of the Unethical Expert, American College of Legal  
Medicine, San Diego, California
- December 2004 Invited Speaker, Disability Profile and the Aging Worker  
6th International Work Congress, Rome, Italy
- September 2002 Diagnostic and Disability Validity: Improving Patient Outcomes"  
Toronto, Ontario Canada  
Assessing Disability & Overcome Prediction for Social Security and Workers  
Compensation Board, Invited Speaker, First International Conference Disability
- January 2001 Invited Participant, The World Bank Institute, "Social Security and Pension Reform:  
Second Generation and Implementation Issues," Budapest, Hungary
- June 2000 Invited Participant, World Bank Harvard  
Institute for International Development (HIID), 4th International Workshop on the  
World Pension Crisis, John F. Kennedy School of Government, Cambridge, MA

## DISTINCTIONS

Awarded first Alberta (provincial) Government contract for Multidisciplinary Assessment and Treatment of Chronic Pain and complex Illness

Consultant, responsible for conducting healthcare audit, program planning and implementation of disability pension programs at a local and regional level

Qualified as Expert Witness Court of Queen's Bench in the Provinces of Alberta, British Columbia, Saskatchewan

Independent Medico-Legal examinations have been conducted in the following provinces and states; British Columbia, Alberta, Saskatchewan, Manitoba, Ontario, Nova Scotia, New Brunswick, Washington, Minnesota

Class and Graduating Class President, Faculty of Medicine, University of Calgary

Nominated Order of Canada (for Healthcare Management and the restructuring of the Canadian Healthcare system)

- 2007 – 2008      Expert, Under contract to Alberta Civil Trial Lawyers Association;  
Challenge Canadian Government Charter of Rights for Disability for Injury
- 2003  
2001      Excellence in Teaching, Mayo Medical School, Rochester, Minnesota  
Royal College of Physicians and Surgeons Speaker, CME Psychiatric  
Update, Banff, Alberta, Canada Disability; Assessment and Management.
- 1993 – 2000      1st Alberta Government Contract for Clinical Services, Multidisciplinary  
Assessment and Treatment of Chronic Disabling Conditions and Complex  
Illness, Alberta, Canada
- 1986      Special Acknowledgement Resident Teaching, Department of Physical  
Medicine and Rehabilitation, Mayo Clinic, Rochester, Minnesota
- 1986 – 2003      Disability Expert, Court of Queen’s Bench in the Provinces of Alberta,  
British Columbia, Saskatchewan, Ontario, Nova Scotia, Minnesota,  
Washington State

## JOURNAL PUBLICATIONS

- December 2007      Dissecting Injury and Illness: A Forensic Examination, E. Lyle Gross,  
(December, 2007, Butterworths).
- June 2006      Chronic Pain: A Need To Clarify, E. Lyle Gross, submitted to Pain
- 2005      “The Dilemma of the Unethical Expert,” invited paper, 38th Annual Meeting  
American College of Legal Medicine, San Diego, California
- 2004      “Social Security Reform, Globalization and the Role of Medicine,” Work Bank
- 2004      “Impairment and Disability Assessment in Work-Related Injuries,”  
Chapter in Legal Medicine, 6th Ed. American College of Legal  
Medicine Text, Mosby
- 2000      “The Ethical Medico-Legal Report,” E. Lyle Gross. Chapter in Ethics in  
Forensic Science and Medicine, Charles Thomas Pub., Chicago
- 1997      Interdisciplinary Rehabilitation and Worker Disability (Educational Video),  
E. Lyle Gross, Viacom Productions, Paul Revere Life Insurance Company

- 1997 – 2000      Chronic Pain
- 1993 – 2001      Occupational Rehabilitation I, II
- 1995 - 2001      “Inter-disciplinary Assessment and Treatment of Chronic Pain Syndrome and Related Conditions,” Submitted to Capital Health Authority, Alberta Health, Government of Alberta, Edmonton, Alberta
- 1995              “The Expert Witness and Mediation, E. Lyle Gross. Alberta Law Review, 1995 Vol. 34, 1:69-86.
- 1991 - 2000      “Successful Vocational Rehabilitation and Return to Work, Alberta Workers Compensation Board”, Alberta “Inter-disciplinary Management of Chronic Pain Syndrome and Successful Return to Work”, 1991 – 1996, Government of Alberta, Alberta Workers Compensation Board, Alberta
- 1991              “Chronic Pain” E. Lyle Gross. Chapter in Injury Evaluation: Medico-Legal Principles, E. Lyle Gross, Butterworths, Toronto
- 1991              “The Medico-Legal Report,” E. Lyle Gross, Peter T. Costigan. Chapter in Injury Evaluation: Medico-Legal Principles, E. Lyle Gross, Butterworths, Toronto

## **REPORTS: ALBERTA GOVERNMENT INTERNAL REPORTS**

### CARF ACCREDITATION, (Certification and Accreditation of Rehabilitation Facilities)

- 1997-2000      Chronic Pain (1997 – 2000), Occupational Rehabilitation I, II (1993 – 2001),
- 1995 - 2001      “Inter-disciplinary Assessment and Treatment of Chronic Pain Syndrome and Related Conditions,” Submitted to Capital Health Authority, Alberta Health, Government of Alberta, Edmonton, Alberta
- 1993 - 2000      “Chronic Pain, Methadone and Successful Rehabilitation Management”, College of Physicians and Surgeons of Alberta, Capital Health Authority
- 1993 - 1998      “Cost-Effective Management of Chronic Pain Syndrome and Disability”, A Study Between 1993 – 1998, Capital Health Authority, Government of Alberta  
 “Disability Profile as an Effective Screening Tool for Complex Disabling Conditions”
- 1991 – 2001      Alberta Health, Capital Health Authority, Alberta 1991 - 2000 "Successful Vocational Rehabilitation and Return to Work, Alberta Workers Compensation Board", Alberta

## **BOOKS**

- 2007              Dissecting Injury and Illness: A Forensic Examination, E. Lyle Gross, (December, 2007, Butterworths).
- 1997              Interdisciplinary Rehabilitation and Worker Disability (Educational Video), E. Lyle Gross  
 Viacom Productions, Paul Revere Life Insurance Company

- 1994 Chronic Pain, Disability and Return to Work Guidelines: Handbook for Physicians and Case Managers. E. Lyle Gross. Edmonton, RDG Press
- 1993 Yardsticks of Recovery following Illness or Injury. E. Lyle Gross, First Edition. Edmonton. Gross Rehab Publishing
- 1991 Injury Evaluation: Medico-Legal Principles. E. Lyle Gross, Ed. First Edition, Butterworths. Toronto

## CHAPTERS

- 2005 "The Dilemma of the Unethical Expert," invited paper, 38th Annual Meeting American College of Legal Medicine, San Diego, California
- 2004 "Impairment and Disability Assessment in Work-Related Injuries," Chapter in Legal Medicine, 6th Ed. American College of Legal Medicine Text
- 2000 "The Ethical Medico-Legal Report," E. Lyle Gross. Chapter in Ethics in Forensic Science and Medicine, Charles Thomas Pub., Chicago
- 1991 "Chronic Pain" E. Lyle Gross. Chapter in Injury Evaluation: Medico-Legal Principles, Ed. E. Lyle Gross, Butterworths, Toronto, 1991
- 1991 "The Medico-Legal Report," E. Lyle Gross, Peter T. Costigan. Chapter in Injury Evaluation: Medico-Legal Principles, Ed. E. Lyle Gross Butterworths, Toronto
- 1991 "Skeletal Injuries," David C. Reid and E. Lyle Gross. Chapter in Injury Evaluation: Medico-Legal Principles, Ed. E. Lyle Gross, Butterworths, Toronto
- 1991 "Functional Determination of Disability in Brain Injury," Theo van Rijn and E. Lyle Gross. Chapter in Injury Evaluation: Medico-Legal Principles, Ed. E. Lyle Gross, Butterworths, Toronto
- 1991 "Clinical Impairment and Disability" E. Lyle Gross. Chapter in Injury Evaluation: Medico-Legal Principles, Ed. E. Lyle Gross, Butterworths, Toronto
- 1988 "Rehabilitation Following Total Joint Replacement," E. Lyle, Gross. Chapter in Handbook of Rehabilitative Rheumatology: American Rheumatism Association
- 1987 Personal Guide to Back Care, Alberta Back School, Hilborn, K.; Burton, H.; Gross, E. Lyle
- 1987 "Multiple Sclerosis," E. Lyle Gross, M. Sinaki. Chapter in Basic Clinical Rehabilitation Medicine: Ed. Sinaki, B. C. Decker Inc., Toronto  
 "Assessment of Work Related and Third Party Injury," Chapter in Basic Sciences for Medical Students, Ed. Sinaki, Mehrsheed, (in press).

## PUBLICATIONS

Disability: When Eastern and Western Medicine Clash, paper presentation to 4th International Congress of Acupuncture and Natural Medicine, August 25-27, Edmonton, Alberta, Canada

Disability Pensions and Aging: An Analysis of Economic Repercussions, in partial fulfillment for the 4<sup>th</sup> World Bank-HIID Workshop on the "World Pension Crisis", Kennedy School of Government, Cambridge, MA, June, 2000

Court Appointed Expert vs Referees, Commentary, Submitted to Health Law Review

No Fault vs Tort: An Issue of Principles and Standards, Submitted to Alberta Law Review

Injury Evaluation : Medico-Legal Principles, E. Lyle Gross, Ed. 1st Edition Butterworths (Toronto) 1991,

The Ethical Medico-Legal Report, In Forensic Medicine, Charles Thomas Pub., Chicago, Spring, 2000

The Expert Witness and Mediation, E. Lyle Gross. Alberta Law Review, 1995 Vol. 34, 1:69-86.

Chronic (Non-Malignant) Pain, E. Lyle Gross. The Barrister, 1994:32:14

A Treatise of Medico-Legal Cases: from 1986-1999, expected publication 2001, Butterworths (Toronto)

Chronic Pain, Disability and Return to Work Guidelines, E. Lyle Gross. Handbook for Physicians and Case Managers, RDG Press (Edmonton), 1994

Yardsticks of Recovery following Illness or Injury, E. Lyle Gross, Publishers (Edmonton), 1993 (1st Edition), 1998 (2nd edition)

Measuring Clinical Impairment and Disability, E. Lyle Gross. The Medico-Legal OB/GYN Newsletter, 1993, 1:2

Cost-Effective Disability Management: Focus on Safety, Dr. E. Lyle Gross, Hatscan Publication, July 1993

Injury Evaluation: Medico-Legal Principles, E. Lyle Gross, Ed., Butterworths, Toronto, 1991

Medico-Legal Ethics: The Messenger. Alberta College of Physicians and Surgeons Newsletter, January, 1991, Dr. E. L. Gross Medico-Legal Information Exchange. E. Lyle Gross, The Barrister, 1990, 18:12

Preventing Chronicity Through the Compilation of a Patient Profile. E. Lyle Gross. Stopwatch 1990

Workers' Compensation and Changes: Alberta Doctor's Digest, Spring, 1990, Dr. E. Lyle Gros

Preventing Chronicity Through the Compilation of a Patient Profile. E. Lyle Gross. Stopwatch 1990

Workers' Compensation and Changes: Alberta Doctor's Digest, Spring, 1990, Dr. E. Lyle Gross

Clinical Impairment and Disability: Canadian Association of Physical Medicine and Rehabilitation Newsletter, Spring, 1989, Dr. E. Lyle Gross

Handbook of Rehabilitative Rheumatology: Rehabilitation Following Total Joint Replacement, American Rheumatism Association, 1988; Contact Associated International Limited, Dr. E. Lyle Gross

Rehabilitation in Joint and Connective Tissue Disease: Surgical Management  
Archives of Physical Medicine and Rehabilitation, March 1988, Vol. 69, S-100, Dr. E. Lyle Gross

Personal Guide to Back Care, Alberta Back School, 1987; Hilborn, K.; Burton, H.; Gross, E. L.

Basic Clinical Rehabilitation: Multiple Sclerosis Rehabilitation. Sinaki Ed., B. C. Decker Inc., 1987,  
Dr. E. L. Gross

Correlation of CVA Laterality versus Multifactorial Index Parameters. (Abst)  
Archives of Physical Medicine and Rehabilitation, August, 669(8), 1985, E.L. Gross

B.Sc. Hons Thesis, "The Alpha Rhythm: Physiological Index of Anxiety and its Potential Use in Biofeedback" E. Lyle Gross. 1975.

Pilot project correlation the Taylor Manifest Anxiety Scale and the Percentage Alpha Activity, Department of Psychiatry, Edmonton, Alberta, Dr. E. L. Gross, 1974

Dr. E. L. Gross, et al: "Artificial Sense Organs for Elbow Joint Control in Athetoid Children" Glenrose Hospital, Edmonton, Alberta

M.Sc. Thesis Therapeutic EEG Alpha Biofeedback in Cardiac Arrhythmias and Other Stress Conditions  
J.W. Urschell, M.D., PhD. (Psychiatry), University of Alberta, Edmonton, Alberta  
Kerr Pearson, PhD. (Physiology), University of Alberta,  
Charles Beck, PhD. (Psychology), University of Alberta,  
Patient Population referral source  
Joe Dvorkin, M.D. (Cardiologist), University of Alberta  
J. Rossell, M.D. (Cardiologist), University of Alberta  
External Examiner  
Richard Stein, (Physiologist), University of Alberta