

**Donald S. Corenman, M.D., D.C.**  
**Board Certified Orthopedic Spine Surgeon**  
**Treatment of Spinal Disorders**  
**PO Box 2770**  
**Vail, Colorado 81658**  
**(970) 376-8677**

**CURRICULUM VITAE**

**EDUCATION**

California State University, Northridge June 1975  
Los Angeles College of Chiropractic, B.S., D.C., December 1978  
Wayne State University School of Medicine, M.D., June 1988

**RESIDENCY/  
FELLOWSHIP  
TRAINING**

Residency in Chiropractic Orthopaedics / Richard Stonebrink,  
D.C., Director, Los Angeles College of Chiropractic, June 1981  
General Surgery Internship, July 1988 - July 1989 / Jason Bodzin,  
M. D., Director, Mount Carmel Mercy Hospital, Detroit  
Orthopaedic Surgery Residency Training, June 1993 / Maurice Castle,  
M.D. Chairman, Grace Hospital/ Detroit Medical Center  
Fellowship Training - Spinal Disorders and Deformities, August 1994 /  
Anthony Dwyer, M.D., Thomas Lowe, M.D., Directors  
University of Colorado Health Sciences Center

**HONORS**

Becker's Orthopedic, Spine & Pain Management "100 of the Best Spine  
Specialists in America" 2011  
Becker's Orthopedic, Spine & Pain Management "12 spine Surgeons for  
Professional Athletes," 2011  
Becker's Orthopedic, Spine and Pain Management: 200 Spine Surgeons  
& Specialists to know: March 7, 2012  
Wayne State University Dean's Letter: "His year III record would place  
him at about the top of his class."  
Top 10% nationally in National Board, Orthopaedic Board Scores  
2020 "Best Vail Chiropractor"

**ACADEMIC  
APPOINTMENTS**

University of Colorado Health Sciences Center  
Clinical Assistant Professor, Orthopaedic Surgery, 1997- 2003  
University of Colorado Health Sciences Center  
Assistant Professor, Orthopaedic Surgery, 1995- 1997  
University of Colorado Health Sciences Center  
Postgraduate Faculty, Los Angeles College of Chiropractic  
February 1996-2006  
Co-Director, Spine Trauma Center, Denver General Hospital 1995-1997  
Director, Joint Chiropractic Residency, University of Colorado and

Donald S. Corenman, M.D., D.C.  
Curriculum Vitae

Los Angeles College of Chiropractic 1995-1997  
Clinical Instructor, Orthopaedic Surgery, 1993-1994  
University of Colorado Health Sciences Center

**EMPLOYMENT  
HISTORY**

Ventura Orthopedics 1994-1995  
University of Colorado 1995-1997  
Vail Orthopedics 1997-1999  
The Steadman Clinic (Steadman Hawkins) 1999-2021  
Maui Spine Institute 2021-current

**STATE  
APPOINTMENTS**

Qualified Medical Examiner, State of California to 1996  
Level II Examiner, Colorado Workman's Compensation Panel  
1995-2018  
Colorado Medical Society- Alternate Delegate 1996-1997  
Board Member, Colorado Board of Chiropractic Examiners,  
2017-2021; Vice-President 2018-2019

**BOARD  
CERTIFICATIONS**

Diplomat, American Board of Orthopaedic Surgery  
Diplomat, American Board of Chiropractic Orthopaedists  
Charter Diplomat, American Board of Spine Surgery

**EDUCATIONAL  
ADVISORY  
BOARDS**

Academy Council, American Academy of Spine Physicians  
Review Board – Journal of Academy of Chiropractic Orthopedists  
(JACO)  
Orthopaedic Advisory Board, The Doctors Company  
Editorial Board, Spine Universe  
Associate Board Editor, Journal "Spine"  
Board Member, International Academy of Neuromusculoskeletal  
Medicine

**LICENSURE**

California, M.D.  
Colorado, M.D.  
Colorado, D.C.  
Hawái, M.D.

**MEMBERSHIPS**

American College of Surgeons  
American Academy of Orthopaedic Surgeons  
American Academy of Spine Physicians  
Colorado Medical Association  
Colorado Orthopaedic Association  
California Chiropractic Association  
American Academy of Chiropractic Orthopaedists  
North American Spine Society

Donald S. Corenman, M.D., D.C.  
Curriculum Vitae

**COMMUNITY  
ASSOCIATIONS**

Toastmasters International 1981-1984  
Kiwanis Clubs International 1981-1985  
President, Reseda Chapter 1983  
Reseda Chamber of Commerce, Board of Directors, 1982-1984

**HOSPITAL  
AFFILIATIONS**

Vail Valley Medical Center, 1996-2021  
University Hospital, Denver, Colorado, Previous  
Denver General Hospital, Denver, Colorado, Previous  
The Children's Hospital, Denver, Colorado, Previous

**TEAM PHYSICIAN  
AFFILIATIONS**

US Ski Team  
US Olympic Team

**PUBLICATIONS**

“Case Report: Mid-age male with 3 Prior Failed Surgeries and Low Back Pain” Donald S. Corenman, M.D., D.C., Spine Universe June 7, 2022

“Cervical Symptoms Recur after Artificial Disc Replacement” Case Report, Donald S. Corenman, M.D., D.C., Spine Universe, January 2020

“Metal Hypersensitivity in Anterior Cervical Discectomy and Fusion” A Case Report, Donald S Corenman, M.D., D.C., 1\*, Lisa Zalepa King and Sara K. Robinson, EC Orthopaedics, December 2018

Kai Tiltmann, “Lumbar Spine's Role in Chronic Hip Pain” Chiropractic Case Review, Donald S. Corenman, M.D., D.C., Spine Monitor, March 2018

Sacroiliac Joint: “Rare Pain Generator in Patients with Low Back Pain” DePhillipo NN\*, Corenman DS\*†, Strauch EL\*†: \*The Steadman Clinic, Vail, CO, † The Steadman Philippon Research Institute, Vail, CO, 2018, Clinical Spine Surgery: October 30, 2018

Ulrika Aasa, Ivar Svartholm, Fredrik Andersson, Lars Berglund, “Injuries Among Weightlifters and Powerlifters: a systematic review”, Donald S. Corenman, M.D., D.C., JACO Editorial Review, January 2018

“Spondylolisthesis and Pars Fractures”, Donald S. Corenman, M.D., D.C., Article, Spine Universe, October 2017

“Music and Medicine After Spine Surgery”, Donald S. Corenman, M.D., D.C., Editorial Review, Spine Universe, April 24, 2017

## PUBLICATIONS

“Types of Bone Graft for Spinal Fusion”, Donald S. Corenman, M.D., D.C., Editorial Review, Spine Universe, April 03, 2017

Richard J. Herzog, M.D., FACR, and Donald S. Corenman, M.D., DC: “Marked Variability in Diagnostic Interpretation of Lumbar Spine Found”, The Spine Journal, March 2017

Jacob E Resch, Cathleen N Brown, Julianne Schmidt, Stephen N Macciocchi, Damond Blueitt, C. Munro Cullum, Michael S. Ferrara; “The Sensitivity and Specificity of Clinical Measures of Sport Concussion: Three Tests are Better than One” Reviewed by, Donald S. Corenman, M.D., D.C., The Academy of Chiropractic Orthopaedists, JACO February 2017

Bahia A. Ohlsen DC, MS, MBA; “Acupuncture and a gluten-free diet relieve urticaria and eczema in a case of undiagnosed dermatitis herpetiformis and atypical or extraintestinal celiac disease: a case report.” Reviewed by, Donald S. Corenman, M.D., D.C., The Academy of Chiropractic Orthopaedists, JACO June 2015, (Vol.12, Issue 1, page19).

Pegrum J Crips, T Padhiar, N; “Diagnosis and management of bone injuries of the lower limb.” Reviewed by, Donald S. Corenman M.D., D.C., The Academy of Chiropractic Orthopaedists, JACO, September 2014, (Vol. 11, Issue 3, Pages 23-26).

“Skillsets form the foundation for diagnosis and treatment” Donald S. Corenman, M.D., D.C., Spine Universe for Professionals, Spine Specialist Center, April 2014

“Artificial Disc Failure, Chronic Back Pain Survey Results” Donald S. Corenman, M.D., D.C., Spine Universe for Professionals, Spine Monitor March 12, 2014

“Cervical Symptoms Recur after Artificial Disc Replacement” Donald S. Corenman, M.D., D.C., Spine Universe for Professionals, February 2014

“Failed Less Invasive Lumbar Spine Surgery as a Predictor of subsequent Fusion Outcomes” Donald S. Corenman M.D., D.C., Douglas Gillard D.C., Grant Dornan M.S. November 2013 online issue No. 37 International Orthopaedics.

**PUBLICATIONS** “BMP-2-Augmented Transforaminal Lumbar Interbody Fusion for the Treatment of Chronic Low Back Pain Secondary to the Homogenous Diagnosis of Discogenic Pain Syndrome: Two Year Outcomes” Donald S. Corenman M.D., D.C., Douglas Gillard D.C., Grant Dornan M.S., Eric Strauch PA-C. September 2013 SPINE

“Methods for Evaluating Cervical Range of Motion in Trauma Settings” Donald S. Corenman M.D., D.C. Editorial Reviewer JACO (Vol. 10 issue 2 June 2013).

“Traumatic L1 Vertebral Body Fracture” case study discussion, Donald S. Corenman, M.D. D.C., Spine Universe for Professionals May 9, 2012

Diagnosing Back Pain in the Child Athlete: Donald S. Corenman M.D., D.C. Vail Daily; February 27, 2012

Back Pain in the Child Athlete: Donald S Corenman M.D., D.C. Vail Daily; February 21, 2012

“Anatomy and Physical Examination of the Knee Menisci: A Narrative review of the Orthopedic Literature” reviewed by Donald S. Corenman M.D., D.C. JACO December 2011 (Volume 8 Issue 4).

“The Clinician’s Guidebook to Lumbar Spine Disorders” book author Donald S. Corenman M.D., D.C. published 2011 Authorhouse, hardcover 978-1-4634-8761-4, paperback 978-1-4634-8762-1

“The Phantom Menace of Sleep Deprived Doctors” Donald S Corenman M.D., D.C. The New York Times; August 5, 2011

“Ouch, my aching back” Donald S Corenman M.D., D.C. Vail Daily; July 19/2011

“Spine Surgery has come a long way.” Donald S. Corenman M.D., D.C. Vail Daily; March 21, 2011

## **PUBLICATIONS**

“Everything you wanted to know About the Back” book author Donald S Corenman M.D., D.C., published 2011 Xlibris ISBN13hardcover 978-1-4363-3746-5, ISBN soft cover 978-1-4363-3745-8, ISBN eBook 978-1-4628-2508-7

www.neckand back.com personal website; over 500 pages on multiple topics authored by Donald S Corenman, M.D., D.C.

T12-L3 Fixation across L2: Burst Fracture, case study, Donald S Corenman M.D., D.C., Spine Universe 2010

Diagnostic Value of the Straight leg Raise and Braggards in Identifying Patients with Radiculopathy, Sarah A Kelley-Spearing, Donald S Corenman M.D., D.C., Eric L Strauch, The Spine Journal, September 2008 (Vol. 8, Issue 5, Page 126S)

General Health Relates to Disability in Neck and Back Patients  
Sarah A. Kelley-Spearing, Donald S. Corenman, Rebecca D. Glassman, Karen K. Briggs The Spine Journal, September 2007 (Vol. 7, Issue 5, Page 75S)

Physical Exam Findings Relate to Perceived Disability in Back Patients  
Donald S. Corenman, Sarah A. Kelley-Spearing, David C. Karli, Eric L. Strauch, Rebecca D. Glassman  
The Spine Journal  
September 2007 (Vol. 7, Issue 5, Page 59S)

Physical Exam Findings Relate to Perceived Disability in Neck Patients  
Donald S. Corenman, Sarah A. Kelley-Spearing, David C. Karli, Eric L. Strauch, Rebecca D. Glassman The Spine Journal  
September 2007 (Vol. 7, Issue 5, Pages 65S-66S)

The History of the discovery of the origins of back and leg pain;  
D. Corenman, Vail Valley Magazine; winter 2006-2007

Understanding Lumbar Degenerative Disc Disease; D. Corenman;  
Steadman Hawkins Foundation Newsletter; Spring/Summer 2005

Lack of blood supply makes discs susceptible to pain: D. Corenman  
Denver Post; April 2005  
Donald S. Corenman, M.D., D.C.

## **PUBLICATIONS**

Interobserver Reliability of Detecting Lumbar Intervertebral Disc High-Intensity Zone on Magnetic Resonance Imaging and Association of High-Intensity Zone with Pain and Annular Disruption”; Brad M.T. Smith, D.C., Eric Hurwitz, D.C., PhD., David Solsberg, M.D., David Rubinstein, M.D., Donald S. Corenman, M.D., D.C., Anthony Dwyer, M.D., Jeff Kleiner, M.D.; Spine; Volume 23, Number 19, October 1, 1998

Letter to the Editor: “Dynamic Chiropractic”; 15/5; February 24, 1997; Comment on diagnostic ultrasound, anterior and posterior longitudinal ligament fibrosis

Management of a patient with lamina fracture of the sixth cervical vertebra and concomitant subluxation; D. Corenman, Journal Manipulative Physiologic Therapeutics; February 1997

The Effect of Lumbar Pedicle Distraction and Compression on Interbody Graft Loads: M. Gomez, J. France, A. Dwyer, A. Merola, D. Corenman; State of the Art Reviews/ Spinal Biomechanics II; September 1996

Diagnosis and Treatment of Lumbar Spinal Stenosis: D. Corenman, Colorado Chiropractic Journal; April 1996

## **PRESENTATIONS**

Presentation: “Lumbar Spine A-Z”, The 1<sup>st</sup> Annual Spine Conference, October 12-13, 2019, Vail, Colorado, Donald S. Corenman, M.D., D.C.

Presentation: “Biomechanics and Patho-Anatomy of the Discs”, The 5<sup>th</sup> Annual Vail Scientific Summit: August 24-27, 2019, Vail, Colorado, Dr. Donald S. Corenman, M.D., D.C.

Presentation: “Lumbar Spine A-Z”, University of Western States, June 1-2, 2019, Portland, Oregon, Dr. Donald S. Corenman, M.D., D.C.

Presentation: “Biomechanics of the Lumbar Spine”, The 2<sup>nd</sup> Annual Injury Prevention Symposium, The Steadman Philippon Research Institute and the US Olympic Committee: May 3-5, 2018, Vail, Colorado, Dr. Donald S. Corenman, M.D., D.C.

**PRESENTATIONS** Presentation: “Lumbar Spine Fusion Rates Influenced by Bone Morphogenic Protein-2”, Vail Scientific Summit: August 23-26, 2017, Vail, Colorado, Donald S. Corenman, M.D., D.C.

Presentation: “My Experience with BMP: The First 1000 Cases”, John McCulloch, M.D., FRCS Memorial, Winter Spine Conference: March 30- April 1, 2017, Donald S. Corenman, M.D., D.C.

Presentation: “Surgery for Low Back Pain” D.C. John McCulloch, M.D., FRCS Memorial, Winter Spine Conference: March 30- April 1, 2017, Donald S. Corenman, M.D.

Presentation: “Short Circuits, Nerves and Dysfunction”, Aspen Sports Summit: September 10, 2016, Aspen, Colorado, Donald S. Corenman, M.D., D.C.

Presentation: Aspen Sports Performance: Moab 2016 Training camp, Moab, Utah, Donald S. Corenman, M.D., D.C.

Presentation: “How to Identify & Treat Lumbar Spinal Disorders” Aspen Sports Summit: March 27, 2015 Aspen, Colorado, Donald S. Corenman, M.D., D.C.

Presentation: “Back & Core Strengthening & Postural Alignment & Fit on the Bike” Aspen Sports Performance: Moab 2015 Training camp, Moab, Utah, Donald S. Corenman, M.D., D.C.

Presentation: “Sacroiliac Pathology and Non-Interventional Treatment” SI Conference 2015, Donald S. Corenman, M.D., D.C.

Presentation: “Spine Disorders and Bike Fitting” November 1, 2013 Aspen Sports Performance: Moab 2013 Training camp, Moab, Utah Donald S. Corenman, M.D., D.C.

Presentation: “Physical examination of the Cervical spine” January 15, 2013 Steadman Philippon Research Institute Orthopaedic & Spine Lecture Series. Vail, Colorado, Donald Corenman, M.D., D.C.



## **PRESENTATIONS**

Presentation: “Orthopaedic Practice and the Internet” December 5, 2012  
University of Colorado School of Medicine Grand Rounds, Aurora, CO.,  
Donald S. Corenman, M.D., D.C.

Presentation: “Biomechanics of Back surgery.” March 20, 2012  
Steadman Philippon Research Institute, Orthopaedic & Spine Lecture  
Series. Vail, Colorado, Donald S. Corenman, M.D., D.C.

Presentation: “C-Spine Clearance” Donald Corenman M.D., D.C., 12<sup>th</sup>  
Annual Wilz Trauma Symposium, Saturday March 10, 2012, Pueblo,  
Colorado.

Presentation: “Conservative and Surgical Management of Thoracolumbar  
Fractures” Donald Corenman M.D., D.C., 12<sup>th</sup> Annual Wilz Trauma  
Symposium, Saturday March 10, 2012, Pueblo, CO.

Presentation: “Common Lumbar Injuries in sport” Donald S Corenman  
M.D., D.C., NSCA Colorado-Colorado State Clinic: Elite High School /  
Collegiate Injury Prevention & Athletic Performance Strategies Oct. 15-  
16, 2011.

Presentation: “Biomechanics of Spinal Disorders” Donald S Corenman  
M.D., D.C., The Steadman Clinic Orthopaedics & Spine Lecture Series,  
Vail Co. 2011.

Poster Presentation: “Aggravating Activities Questions and Herniated  
Nucleus Pulposus with Motor Weakness” Donald S Corenman M.D.,  
D.C.; Kira Chaney-Barclay, MPH; Karen Briggs, MPH, MBA; Eric  
Strauch PA 2010 Lumbar Spine Research Society 2010

Presentation: Chilean Orthopedic Congress: Medtronic Navigation  
Donald S. Corenman, M.D., D.C., La Serena Chile 2010.

Presentation: “Sports Activity Scale for Patients with Lumbar Spine  
Injuries”, Donald S. Corenman, M.D., D.C.; Eric Strauch, PA; Kira  
Chaney Barclay, MPH. April 2010; Chicago, IL, Lumbar Research  
Society, Annual Meeting 2010.

Presentation: “Pre-operative Expectations in Workman’s Compensation  
Cases Before Lumbar Spine Surgery Pre-Operative Expectations in  
Workman’s Compensation Cases Before Lumbar Spine Surgery”,

## PRESENTATIONS

Donald S. Corenman, M.D., D.C.; Karen K. Briggs, MPH, MBA.  
November 2009; San Francisco CA; North American Spine Society 2009  
Annual Meeting, Presenting Author

Presentation: “Independent Predictors of Health and Disability in Neck  
Patients”, Donald S. Corenman, M.D., D.C.; Sarah A Kelley-Spearing,  
B.A., Karen K. Briggs, MPH, MBA. July 2009; Maui, Hawaii. North  
American Spine Society – Spine Across the Sea 2009 Conference,  
Presenting Author

Presentation: “Independent Predictors of Health and Disability in Back  
Patients”, Donald S. Corenman, M.D., D.C.; Sarah A Kelley-Spearing,  
B.A., Karen K. Briggs, MPH, MBA. July 2009; Maui, Hawaii. North  
American Spine Society – Spine Across the Sea 2009 Conference,  
Presenting Author

Medtronic Navigation National Sales Meeting; Beaver Creek, CO, May  
21, 2009, Donald S Corenman presentation on Spine Surgery  
Innovations.

Presentation: “The Physiology of Radiculopathy,” October 2008,  
Steadman Hawkins Research Foundation; Orthopaedic & Spine Lecture  
Series. Vail, Colorado, Donald Corenman M.D., D.C.

Presentation; “Physiology of Cervical and Lumbar Motion,” June 2008,  
Vail CO; Steadman Hawkins Grand Rounds, Donald Corenman M.D.,  
D.C.

Presentation; “Upper Extremity Range of Motion: Effect on Tension of  
the Cervical Nerve Roots”, Donald S. Corenman, M.D., D.C.; David C  
Karli, M.D.; Dhruv B Pateder, M.D.; Sarah A Kelley-Spearing, B.A.;  
Eric L Strauch, P.A.-C. February 2008; Breckenridge CO; Denver Spine  
Annual Winter Meeting, Presenting Author

Poster Presentation; “Upper Extremity Range of Motion: Effect on  
Tension of the Cervical Nerve Roots”, Donald S. Corenman, M.D., D.C.;  
David C Karli, M.D.; Dhruv B Pateder, M.D.; Sarah A Kelley-Spearing,  
B.A.; Eric L Strauch, P.A.-C. November 2007; San Francisco CA;  
Cervical Spine Research Society 2007 Annual Meeting, Presenting  
Author

Presentation; “On-slope Management of Spine Injuries”, Nov 1 2007;  
Vail Ski Patrol, Vail CO, Donald Corenman, M.D., D.C, Presenting  
Author

## **PRESENTATIONS**

Presentation; “Physical Exam Findings Relate to Perceived Disability in Back Patients”, Donald S Corenman, M.D., D.C.; Sarah A Kelley-Spearing, B.A.; David C Karli, M.D.; Eric L Strauch, P.A.-C.; Rebecca D Glassman, B.A., October 2007; Austin TX; North American Spine Society 2007 Annual Meeting, Presenting Author

Presentation; “Physical Exam Findings Relate to Perceived Disability in Neck Patients”, Donald S Corenman, M.D., D.C.; Sarah A Kelley-Spearing, B.A.; David C Karli, M.D.; Eric L Strauch, P.A.- C.; Rebecca D Glassman, B.A., October 2007; Austin TX; North American Spine Society 2007 Annual Meeting, Co-author

Presentation; “General Health Relates to Disability in Neck and Back Patients”, Sarah A Kelley-Spearing, B.A.; Donald S Corenman, M.D., D.C.; Rebecca D Glassman, B.A, Karen K Briggs, MPH, October 2007; Austin TX; North American Spine Society 2007 Annual Meeting, Co-author

Presentation; “Inflammatory and Autoimmune Spondyloarthropathies”, October 2007; Vail CO.; Steadman Hawkins Lecture Series, Donald Corenman M.D., D.C. Moderator

Presentation; “Artificial Disc Replacement-The Controversy”; Vail CO; May 9, 2006; Steadman Hawkins Clinic Lecture Series Donald Corenman M.D., D.C. Moderator

Presentation; “Spinal Cord Injuries” Keystone, A-Basin, Breckenridge Ski patrollers and Keystone Medical Center; December 2005; Donald Corenman M.D., D.C. Moderator

Presentation; “Rheumatological and Inflammatory Spinal Disorders”; Vail, CO.; February 2005; Steadman Hawkins Clinic Lecture Series, Donald Corenman M.D., D.C. Moderator

Presentation; “Recognition & Treatment of Cervical Radiculopathy”; 2005 Baseball Medicine Conference, Injury Prevention & Treatment Techniques; Denver, CO; January 6-8, 2005; Lewis Yocum M.D. Moderator

Presentation; “Spine Injuries in Athletes”; 5<sup>th</sup> Annual Colorado Rockies Medical and Training Staff Retreat; Vail Valley Medical Center; Vail, CO.; November 5-7, 2004; Thomas Noonan M.D. Moderator

## **PRESENTATIONS**

Presentation; “The Acute Recognition and Management of On Hill Spinal Injuries”; Copper Mountain Ski Patrol; Copper, CO; November 2003

Presentation; “The Acute Recognition and Management of On Hill Spinal Injuries”; Vail Mountain Ski Patrol; Vail, CO; November 2003

Presentation; “The Acute Recognition and Management of On Hill Spinal Injuries”; Keystone Ski Patrol; Keystone, CO; November 2003

Presentation; “The Physiology of Lumbar and Cervical Discs”; Steadman Hawkins Lecture Series; Donald S. Corenman, M.D., D.C., Moderator; October 2003

Presentation; “Recognition and Treatment of Spinal Injuries in the Athlete”; Grand Rounds; Vail Valley Medical Center; Richard Hawkins, M.D., Moderator; Vail, CO; October 2003

Presentation; “Human Physiology, Incidence of Skier or Snowboard Injury and Safety Considerations, Sport Biomechanical Reaction Time in High Speed Skiing with Application to Ski Safety”; American Association for the Advancement of Science Annual Meeting; “The Science of Snow and Skiing”; David Lind, PhD, Moderator; Denver, CO; February 2003

Presentation; “Diagnosis and Treatment of Scheuermann’s Disease and Management of Sagittal Plane Deformity”; Steadman Hawkins Lecture Series, Donald Corenman, M.D., D.C., Moderator; December 2002

Presentation; “In Field Evaluation of the Spinal Injured Patient”; Vail Ski Patrol; Mark Patterson, Moderator; November 2002; Vail, CO

Presentation; “Management of Spinal Disorders in the Professional Athlete”; Colorado Rockies Athletic Trainers Camp; Richard Hawkins, M.D., Moderator; Vail, CO

Presentation; “Surgical Treatment of Degenerative Disc Disease”; Steadman Hawkins Spine Lecture Series; Donald Corenman, M.D., D.C., Moderator, June 2002; Vail, CO

## **PRESENTATIONS**

Presentation; "Treatment of Scoliosis and Kyphosis"; Steadman Hawkins Spine Lecture Series; Donald Corenman, M.D., D.C., Moderator, June 2001; Vail, CO

Presentation; "Diagnosis and Treatment of Lumbar Spine Fractures"; Steadman Hawkins Spine Lecture Series; Donald Corenman, M.D., D.C., Moderator; February 2001

Presentation; "Office Evaluation of the Cervical Spine" Steadman Hawkins Spine Lecture Series; Donald Corenman, M.D., D.C., Moderator; June 2000

Presentation; "Alignment Pain"; Steadman Hawkins Spine Lecture Series; Donald Corenman, M.D., D.C., Moderator; February 2000

Presentation; "Fractures of the Cervical and Lumbar Spine"; Steadman Hawkins Spine Lecture Series; Donald Corenman, M.D., D.C., Moderator; August 1999

Presentation; "Causes and Rehabilitation of Cervical and Lumbar Pain Generators"; University of Colorado Physical Therapy School, Karen Backstrom, P.T.; Denver, CO; October 1998

Presentation; "Causes and Appropriate Management of Neck, Back and Radicular Pain"; Colorado Rehabilitation Insurance Nurses Group; Nora Palmer Fox, R.N., President; Denver, CO; February 1998

Presentation; "Interesting Orthopaedic Case Studies"; American Chiropractic College of Radiology, 1997 Workshop-Symposium, Denver, CO; Moderator- Terry Yochum, D.C.; September 1997

Presentation; "Management of Chronic Low Back Pain"; Primary Musculoskeletal Care Conference; University of Colorado; Breckenridge, CO; August 1997; William Winter, M.D., John Hill, M.D.; Chairmen

Presentation; "Referred Neck and Shoulder Pain"; Primary Musculoskeletal Care Conference; University of Colorado; Breckenridge, CO; August 1997; William Winter, M.D., John Hill, M.D.; Chairmen

## PRESENTATIONS

Workshop; “Manipulation”; Primary Musculoskeletal Care Conference; University of Colorado; Breckenridge, CO; August 1997; William Winter, M.D., John Hill, M.D.; Chairmen

Chairman; “Comprehensive Evaluation and Treatment of Back and Neck Pain”, University of Colorado and Colorado Chiropractic Assn.; Denver, CO; June 1997

Presentation; “Causes of Pain in the Cervical and Lumbar Regions”; Comprehensive Evaluation and Treatment of Back and Neck Pain; University of Colorado and Colorado Chiropractic Assn.; Denver, CO; June 1997

Presentation; “Making a Diagnosis Work”; Comprehensive Evaluation and Treatment of Back and Neck Pain; University of Colorado and Colorado Chiropractic Assn.; Denver, CO; June 1997

Presentation; “Role of Surgery in Treatment of Back and Neck Pain”; Comprehensive Evaluation and Treatment of Back and Neck Pain; University of Colorado and Colorado Chiropractic Assn.; Denver, CO; June 1997

Moderator; “Subluxation Based Treatment vs Outcomes Based Treatment” Comprehensive Evaluation and Treatment of Back and Neck Pain; University of Colorado and Colorado Chiropractic Assn.; Denver, CO; June 1997

Moderator; “Rehabilitation Protocols: Med X versus Low Tech”; Comprehensive Evaluation and Treatment of Back and Neck Pain; University of Colorado and Colorado Chiropractic Assn.; Denver, CO; June 1997

Moderator; “Approaches in Case Management”; Comprehensive Evaluation and Treatment of Back and Neck Pain; University of Colorado and Colorado Chiropractic Assn.; Denver, CO; June 1997

Presentation; “Surgical Management of Cervical Fractures”; University of Colorado Spine Lecture Series; April 1997

## **PRESENTATIONS**

Presentation; “Physical Examination of the Cervical Spine”; Independent Medical Examination Seminar; Colorado Chiropractic Society and Colorado Trial Lawyers Assn.; Denver, CO; April 1997

Presentation; “Diagnosis and Management of Cervical and Lumbar Disorders”; University of Colorado Nurse Practitioners Course, April 1997

Presentation; “Management of Failed Back Surgery Syndrome”; University of Colorado Spine Day, Department of Orthopaedics, April 1997

Presentation; “The Causes and Treatment of Lower Back and Neck Pain”; University of Colorado Longevity Lecture Series, Natural History Museum, Denver, CO; March 1997

Presentation; “Complications associated with Anterior Cervical Spine Approaches”; Neurosurgery in the Rockies; University of Colorado; March 1997, Robert Breeze, M.D., Chairman

Presentation; “Surgical Approach for Anterior Cervical Fusions”; ENT Rounds; University of Colorado, January 1997

Presentation; “How to Avoid or Treat Spine Problems Yourself”, University Longevity Lecture Series, Museum of Natural History, Denver Colorado, November 1996 (x2)

Presentation; “Diagnosis and Rehabilitation of Lumbar Spine Disorders”, University of Colorado Physical Therapy School, November 1996

Presentation; “Diagnosis and Rehabilitation of Cervical Spine Disorders”, University of Colorado Physical Therapy School, November 1996

Debate; “Metal vs. No Metal” (in lumbar spine fusion), Colorado Spine Symposium, Lakewood, Colorado, November 1996, Courtney Brown, M.D., Chairman

Moderator; “Interesting Areas in Spine”, Colorado Spine Symposium, Lakewood, Colorado, November 1996, Courtney Brown, M.D, Chairman

## **PRESENTATIONS**

Presentation; “Basic Physiology of the Central and Peripheral Nervous Systems” Resident Academic Rounds, University of Colorado; October 1996

Presentation; “The Diagnosis and Treatment of Cervical Myelopathy and Lumbar Spinal Stenosis”; Resident Academic Rounds; University of Colorado; September 1996

Presentation; “The Diagnosis and Treatment of Cervical Rheumatoid Arthritis”; Resident Academic Rounds; University of Colorado; August 1996

Presentation; “The Normal Neck”; Primary Musculoskeletal Care Conference, August 1996; University of Colorado School of Medicine; Breckenridge, CO, William Winter, M.D., Chairman

Presentation: “Management of Chronic Lower Back Pain”; Primary Musculoskeletal Care Conference, August 1996; University of Colorado School of Medicine; Breckenridge, CO; William Winter, M.D., Chairman

Workshop: “The Normal Neck”; Primary Musculoskeletal Care Conference; August 1996; University of Colorado School of Medicine; Breckenridge, CO; William Winter, M.D., Chairman

Panel Discussion: “Treatment of Cervical Spine Pain”; Primary Musculoskeletal Care Conference; August 1996; University of Colorado School of Medicine; Breckenridge, CO; William Winter, M.D., Chairman

Panel Discussion: “Treatment of Lumbar Spine Pain”; Primary Musculoskeletal Care Conference; August 1996; University of Colorado School of Medicine; Breckenridge, CO; William Winter, M.D., Chairman

Chairman: “The Differential Diagnosis of Spinal Disorders”; July 1996; University of Colorado, Department of Orthopaedics and Colorado Chiropractic Association; Denver, CO

Presentation: “The Pathology of Cervical Spine Disorders”; The Differential Diagnosis of Spinal Disorders; July 1996; University of



## **PRESENTATIONS**

Colorado, Department of Orthopaedics and Colorado Chiropractic Association; Denver, CO

Presentation: “Surgical Indications and Treatment of Lumbar Spine Disorders” The Differential Diagnosis of Spinal Disorders; July 1996; University of Colorado, Department of Orthopaedics and Colorado Chiropractic Association; Denver, CO

Workshop: “History and Physical of the Cervical Spine and Upper Extremities”; The Differential Diagnosis of Spinal Disorders; July 1996; University of Colorado, Department of Orthopaedics and Colorado Chiropractic Association; Denver, CO

Workshop: “Alternate Treatment Modalities in Neck and Back Pain: Internal Medicine, Chiropractic and Orthopaedic Surgery Perspectives”; 32nd Annual Internal Medicine Program; University of Colorado, Department of Internal Medicine; Estes Park, CO; July 1996; Linda A. Barbour, M.D., M.P.H., Director

Presentation: “The Effect of Washers and Staples on an Anterior Model”; 4th International Scientific Congress, Spine 96 System; May 1996; Paris, France; Jean Huppert, M.D. and Thierry Marnay, M.D., Chairmen

Presentation; “The Effect of a Spinal Ligament System on the Adjacent Segment in Lumbar Fusion”, 4th International Scientific Congress, Spine 96 System; May 1996; Paris, France; Jean Huppert, M.D. and Thierry Marnay, M.D., Chairmen

Presentation; “Diagnosis and Treatment of Lumbar and Cervical Pain”; Nurse Practitioners Course; University of Colorado; April 19, 1996

Presentation; “Diagnosis and Management of Cervical Spine Trauma”; Residents Spine Day; University of Colorado; March 1996

Presentation; “Indications for Halo Application and Technique of Application”; Residents Spine Day; University of Colorado; March 1996

Presentation; “Techniques of Thoracolumbar Casting for Treatment of Burst Fractures”; Residents Spine Day; University of Colorado; March 1996

## **PRESENTATIONS**

Presentation; “Examination of the Injured Cervical Spine”, Managing the Cervical Spine in the ‘90’s; Colorado Chiropractic Society; February 1996; Denver, CO; Reiner G. Kremer, D.C., Chairman

Presentation; “The Physiology and Biomechanics of Lumbar Spine Fusion”; Neurosurgery Meeting of the Rockies; February 1996; Vail, CO; Robert Breeze, M.D., Chairman

Poster Exhibit; “An Outcome Study on 119 Patients with Chronic Low Back Pain Treated with Lumbar Spinal Fusion Utilizing Pre-Operative Discography”; The Surgical Management of Spinal Disorders; January 1995; Vail, CO; Thomas Lowe, M.D., Chairman

Presentation; “An Outcome Study on 119 Patients with Chronic Low Back Pain Treated with Lumbar Spinal Fusion Utilizing Pre-Operative Discography”; Western Pacific Orthopaedic Association Congress; Hong Kong; November 13, 1995

Panel Debate; “The Role of Surgery in Lower Back Pain”; Colorado Spine Symposium; Englewood, CO; November 3, 1995; Courtney Brown, M.D., Chairman

Moderator, Radiologic Conference, Surgical Management of Spinal Disorders; Vail, CO; January 1994; Thomas Lowe, M.D., Chairman

Presentation; “Management of Acute Cervical Spine Injuries”; General Surgery Residency Rounds; Providence Hospital; Southfield, MI; November 30, 1992

Presentation; “The History and Practice of Chiropractic”; Grand Rounds: Orthopaedic Surgery Residency Program; Providence Hospital, Southfield, MI; October 31, 1992

Presentation; “Diagnosis and Stabilization of Cervical Trauma”; Grand Rounds; Emergency Medicine Residency Program; Grace Hospital; Detroit, MI; August 11, 1992