

Dr. Ross Sherban
Board Certified Orthopedic Surgeon
Fellowship Trained Spine Surgeon
LK Spine Institute, LLC

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Greenwood Village, CO 80111

Education

- 2010 - 2011** **Spine Surgery Fellowship**
Tufts University School of Medicine
New England Baptist Hospital
Boston, MA
- 2006 - 2010** **Orthopedic Surgery Residency Program**
Michigan State University (MSU)
Henry Ford Health System (HFHS)
Detroit, MI
- 2005 - 2006** **Traditional Rotating Internship Certificate**
Michigan State University (MSU)
Henry Ford Health System (HFHS)
Detroit, MI
- 2001 - 2005** **Doctor of Osteopathic Medicine**
Midwestern University (MWU)
Chicago College of Osteopathic Medicine (CCOM)
Downers Grove, IL
- 1998 - 2000** **Bachelor of Science, Biology**
University of Illinois at Chicago (UIC)
Chicago, IL

Professional Licensure and Certification

Board Certified Orthopedic Surgeon

04/2014 Board Certified Orthopedic Surgeon (AOBOS)
(Certification day: 04/14/2014 valid till 12/31/2024)

National Board of Medical Examiners (NBOME)

06/2003 Step 1 – Passed

01/2005 Step 2 – Passed

04/2006 Step 3 – Passed

State Licensures

06/2006 Physician and Surgeon, State of Michigan-active

05/2008 Physician and Surgeon, State of Ohio- lapsed

07/2008 Physician and Surgeon, Commonwealth of Massachusetts-lapsed

03/2011 Physician and Surgeon, State of New York-active

06/2011 Physician and Surgeon, State of Illinois-lapsed

02/2014 Physician and Surgeon, State of Florida-active

09/2022 Physician and Surgeon, State of Arizona-active

03/2023 Physician and Surgeon, State of Colorado-active

04/2023 Physician and Surgeon, State of Utah-active

Controlled Substance Registrations

Federal DEA Nb.

NPI Nb.

Other Certifications

ACLS, BLS

Honors and Awards

- 2004** Top 10% of Medical School Class in Basic Science – MWU-CCOM
- 2004** First Place – Research Competition – MWU-CCOM
- 2004** Honors in Anatomy, Embryology, and Pharmacology – MWU-CCOM
- 2000** Departmental Distinction Award in Biology – UIC
- 1999 - 2000** Member of Honors College – UIC
- 1999 - 2000** Dean's List – UIC
- 1999 - 2000** Excellence in Scholastic Achievements Scholarship – UIC
- 1998 - 2000** Phi Kappa Phi Honor Society
- 1999 - 2000** Golden Key National Honor Society

Research Experience

- 2016-2020** LDR Mobi-C 200 ASC trial
IRB approved Study at Lake Worth Surgery Center
Investigator: Dr. Ross Sherban
- 2012-2016** Efficacy and Safety of Osteostrux Collagen Ceramic Scaffold in
Instrumented Lumbar Spine Fusion: Comparison to Autologous Bone
IRB approved Study at Kenmore Mercy Hospital
Department of Orthopedics
Kenmore Mercy Hospital
Principal Investigator: Dr Ross Sherban
- 2011** Implication of Genitofemoral Nerve Irritation and Groin Pain after Direct
Lateral Interbody Fusion (DLIF) Procedure
Department of Orthopedics
New England Baptist Hospital, Boston
Mentor: Brian Kwon, MD
- 2011** Value-Based Evaluation of New Spine-Related Technology
Department of Orthopedics
New England Baptist Hospital, Boston
Mentor: Harvey E. Smith, MD and Stephen Parazin, MD

- 2009-2010** Kyphoplasty: Indications, Complications and Pitfalls
Department of Orthopedics
Henry Ford Hospitals
Mentor: Jeffrey Wingate, MD
- 2008** Treatment of Postoperative Infection after Posterior Spinal Fusion and Instrumentation in a Patient with Neuromuscular Scoliosis.
Department of Pediatric Orthopedics
Cincinnati Children's Hospital Medical Center
Mentor: Charles T. Mehlman, D.O., M.P.H.
- 2008** Latest Developments in Lumbosacral Instrumentation and Radiological Interpretation.
Department of Orthopedics and Department of Diagnostic Radiology
Henry Ford Hospital
Mentor: Jeffrey Wingate, M.D.
- 2003 - 2005** Responsible for recruiting new research sites and obtaining institutional review board approval for a multicenter arthritis study in collaboration with multiple orthopedic surgery departments.
- 2002 - 2005** Clinical Research Associate
Departments of Microbiology & Immunology and Orthopedics
Midwestern University – Chicago College of Osteopathic Medicine
Studying the role of chemokines and angiogenesis in the context of rheumatoid arthritis
Mentor: James Woods, PhD
- 2001 - 2005** Research Associate
Department of Microbiology & Immunology
Midwestern University – Chicago College of Osteopathic Medicine and Saint Louis University School of Medicine
Studying the role of p21 in modulation of cell migration in the context of rheumatoid arthritis
Mentor: James Woods, PhD

Publications

- 2018** Matthew F. Gornet, Glenn B. Buttermann, Richard Wohms, **Sherban, R.** Safety and Efficiency of Cervical Disc Arthroplasty in Ambulatory Surgery Centers vs. Hospital Settings *International Journal of Spine Surgery*. Vol. 12, No.5, 2018, pp 557-564
- 2009** K Klosowska, MV Volin, N Huynh, KK Chong, MM Halloran and JW Woods JW (2009). **Sherban, R.** Acknowledgement. Fractalkine functions as a chemoattractant for osteoarthritis synovial fibroblasts and stimulates phosphorylation of mitogen-activated protein kinases and Akt. *Clinical & Experimental Immunology*. Vol 156, Issue 2, 312-319

- 2006** Woods JW, Klosowska K, Spoden DJ, Stumbo NG, Paige DJ, Scatizzi JC, Volin MV, Rao MS, and Perlman H. (2006). **Sherban, R.** Acknowledgement. A cell-cycle independent role for p21 in regulating synovial fibroblast migration in rheumatoid arthritis. *Arthritis Res Ther.* 8(4):R113.
- 2004** Rudolph EH, Paige DJ, **Sherban R**, Woods JM. (2004). A novel role for p21 in modulation of cell migration and the chemokine leukotactin-1 (Lkn-1) is not a chemoattractant for endothelial cells or fibroblasts. *JAOA.* 104(8):339.

Professional Courses and Certifications

- 02/2023** FOMA Annual Meeting
Virtual Convention
- 09/2021** North American Spine Society
Boston, MA
- 02/2020** FOMA Annual Meeting
Plantation, FL
- 10/2019** North American Spine Society-34nd Annual Meeting
Chicago, IL
- 10/2018** North American Spine Society-33nd Annual Meeting
Los Angeles, CA
- 05/2018** AOA Postgraduate Seminar
Richmond, VA
- 02/2018** FOMA Annual Meeting
Plantation, FL
- 10/2017** North American Spine Society-32nd Annual Meeting
Orlando, FL
- 09/2017** Society for Minimally Invasive Spine Surgery-Annual Meeting
Las Vegas, NE
- 10/2016** North American Spine Society-31th Annual Meeting
Boston, MA
- 10/2016** AOA-Annual Meeting
Washington, DC
- 02/2016** FOMA Annual Meeting

- Plantation, FL
- 10/2015** North American Spine Society-30th Annual Meeting
Chicago, IL
- 02/2014** Annual Symposium of the American Society of Spine Radiology
Miami, FL
- 10/2013** North American Spine Society-28th Annual Meeting
New Orleans, LA
- 05/2013** AOA-53rd Postgraduate Seminar
Miami, FL
- 10/2012** North American Spine Society-27th Annual Meeting
Dallas, TX
- 09/2012** International Skeletal Society Meeting
Rome, Italy
- 12/2011** AO Spine Advanced Course
Degenerative Cervical Spine and Spinal Trauma
Davos, Switzerland
- 11/2011** North American Spine Society-26th Annual Meeting
Chicago, IL
- 11/2010** Society for Minimally Invasive Spine Surgery-Annual Meeting
M.A.R.C. Laboratory
Miami, FL
- 02/2009** 4th Annual Surgical Decision Making and Technological Advancements
in Spine Surgery
Chairman: Louis Jenis, MD
Faculty: Christopher M. Bono, MD , Mark A. Palumbo, MD,
Alan S. Waitze, MD, Seth Zeidman, MD, Russell S. Brummett, MD
Stowe, VT
- 05/2008** Analysis of Medical Errors, Spinal Care Perspective
By Alexander R. Vaccaro, M.D., Ph.D
Grand Rounds, University of Cincinnati
Cincinnati, OH
- 04/2008** 23rd Annual Hip and Spine Day
Cincinnati Children's Medical Center
Cincinnati, OH
- 01/2008** AO Spine North America
Principles and Treatment of Spinal Disorders for Residents and Fellows
Houston, TX

- 11/2007** Certificate of Recognition
Balloon Kyphoplasty Training Program
Grand Blanc, MI
- 11/2007** Certificate of Recognition
Interspinous Process Decompression Training Program
Grand Blanc, MI
- 11/2007** Lateral Access Surgery Lecture
By Ramin Bagheri, M.D.
Birmingham, MI
- 09/2007** Training Certificate
Autologous Cultured Chondrocytes Implantation
Birmingham, MI
- 01/2007** AO North America
Basic Principles and Techniques of Operative Fracture Management.
Reno, NV

Presentations

- 2019** **Cervical Solutions, Zimmer Surgeon Training Course (10/25/2019)**
MOBI-C, Cervical Disc Arthroplasty
Faculty for Zimmer Spine, Didactic Presentation and Lab Proctor
Anatomy Lab, Celebration, FL
- 2018** **Lumbar Lateral Interbody Fusion, MIS Pedicle screw system,**
Surgeon Training Course (06/22/2018)
Avenue L/Timberline Lateral and Pre-psoas lumbar approach
Faculty for Zimmer, Didactic Presentation and Lab Proctor
Miami, FL
- 2017** **Cervical Solutions, LDR Surgeon Training Course (12/15/2017)**
MOBI-C, Cervical Disc Arthroplasty
Faculty for Zimmer Spine, Didactic Presentation and Lab Proctor
Vanderbilt Anatomy Lab
Nashville, TN
- 2017** **Cervical Solutions, LDR Surgeon Training Course (11/03/2017)**
MOBI-C, Cervical Disc Arthroplasty
Faculty for Zimmer Spine, Didactic Presentation and Lab Proctor
Miami, FL
- 2017** **Lumbar & Cervical Solutions, Zimmer Surgeon Training Course**

- (07/27/2017-05/29/2017) LATAM Program**
Avenue L, Lateral and Pre-psoas lumbar approach
Faculty for Zimmer, Didactic Presentation and Lab Proctor
Miami, FL
- 2017 Lumbar & Cervical Solutions, Zimmer Surgeon Training Course (05/18/2017-05/20/2017) LATAM Program**
Avenue L, Lateral and Pre-psoas lumbar approach
Faculty for Zimmer, Didactic Presentation and Lab Proctor
Miami, FL
- 2017 Minimally Invasive Lateral/Oblique Interbody and Fixation Techniques, Zimmer Surgeon Training Course (05/05/2017-05/07/2017)**
Avenue L, Lateral and Pre-psoas lumbar approach
Faculty for Zimmer Spine, Didactic Presentation and Lab Proctor
Miami, FL
- 2017 Cervical Solutions, LDR Surgeon Training Course (04/07/2017) MOBI-C, ROI-C, Cervical Disc Arthroplasty**
Faculty for LDR Spine, Didactic Presentation and Lab Proctor
Boston Bioskills Lab
Boston, MA
- 2017 Minimally Invasive Lateral/Oblique Interbody and Fixation Techniques, Zimmer Surgeon Training Course (04/15/2017)**
Avenue L, Lateral and Pre-psoas lumbar approach
Faculty for Zimmer Spine, Didactic Presentation and Lab Proctor
Parsippany, NJ
- 2017 Cervical Solutions Regional Course, Zimmer Surgeon Training Course (03/2017)**
Avenue L, Lateral and Pre-psoas lumbar approach
Faculty for Zimmer Spine, Didactic Presentation and Lab Proctor
San Antonio, TX
- 2017 Minimally Invasive Lateral Interbody and Fixation Techniques, Zimmer Surgeon Training Course (02/2017)**
Avenue L, Lateral and Pre-psoas lumbar approach
Faculty for Zimmer Spine, Didactic Presentation and Lab Proctor
Henderson, NE
- 2016 Lumbar & Cervical Solutions, Zimmer Surgeon Training Course (12/2016)**
Avenue L, Lateral and Pre-psoas lumbar approach
Faculty for Zimmer Spine, Didactic Presentation and Lab Proctor
Orthopedic Foundation for Active Lifestyles
New York, NY
- 2016 Lumbar & Cervical Solutions, Zimmer Surgeon Training Course**

(11/04/2016-11/05/2016)

Avenue L, Lateral and Pre-psoas lumbar approach, MIVo

Faculty for Zimmer, Didactic Presentation and Lab Proctor
Long Beach, CA

- 2016** **I Encontro Cientifico Rio-Sao Paulo da Cirurgia da Coluna
(09/30/2016-10/01/2016)
Campos do Jordao, Brazil**
- 2016** **Lumbar Solutions, Zimmer/Biomet Surgeon Training Course
(09/27/2016-09/29/2016)
Avenue L, Lateral and Pre-psoas lumbar approach
Faculty for Zimmer Spine, Didactic Presentation and Operating Room
Proctor
Sao Paulo and Rio de Janeiro, Brazil**
- 2016** **Cervical Solutions, LDR Surgeon Training Course (09/24/2016)
MOBI-C, ROI-C
Faculty for LDR Spine, Didactic Presentation and Lab Proctor
Miami Anatomical Research Center
Miami, FL**
- 2016** **Lumbar Solutions, LDR Surgeon Training Course (09/23/2016)
Avenue L, Lateral and Pre-psoas lumbar approach, MIVo
Faculty for LDR Spine, Didactic Presentation and Lab Proctor
Miami Anatomical Research Center
Miami, FL**
- 2016** **Lumbar Solutions, LDR Surgeon Training Course (08/26/2016)
Avenue L, Lateral and Pre-psoas lumbar approach, MIVo
Faculty for LDR Spine, Didactic Presentation and Lab Proctor
Seattle, WA**
- 2016** **Lumbar Solutions, LDR Surgeon Training Course (06/2016)
Avenue L, Lateral and Pre-psoas lumbar approach
Faculty for LDR Spine, Didactic Presentation and Lab Proctor
Orthopedic Foundation for Active Lifestyles
New York, NY**
- 2016** **Lumbar Solutions, LDR Surgeon Training Course (05/2016)
Avenue L, Lateral and Pre-psoas lumbar approach, MIVo
Faculty for LDR Spine, Didactic Presentation and Lab Proctor
National BioSkills Laboratories
Farmers Branch, TX**
- 2016** **Cervical Solutions, LDR Surgeon Training Course (03/2016)**

MOBI-C, ROI-C

Faculty for LDR Spine, Didactic Presentation and Lab Proctor
Boston Bioskills Lab
Boston, MA

2016 Cervical Solutions, LDR Surgeon Training Course (01/2016)

MOBI-C, ROI-C

Faculty for LDR Spine, Didactic Presentation and Lab Proctor
Carolinas Surgical Skills Center
Charlotte, NC

2015 Cervical Solutions, LDR Surgeon Training Course (06/2015)

MOBI-C, ROI-C

Faculty for LDR Spine, Didactic Presentation and Lab Proctor
Boston Bioskills Lab
Boston, MA

2015 Lumbar Solutions, LDR Surgeon Training Course (06/2015)

Avenue L, Lateral and Pre-psoas lumbar approach

Faculty for LDR Spine, Lab Proctor
Merin Facility Lab
Henderson, NV

2015 Cervical Solutions, LDR Surgeon Training Course (05/2015)

MOBI-C, ROI-C

Faculty for LDR Spine, Didactic Presentation and Lab Proctor
Orthopedic Foundation for Active Lifestyles
New York, NY

2015 Lumbar Solutions, LDR Surgeon Training Course (04/2015)

Avenue L, Lateral and Pre-psoas lumbar approach

Faculty for LDR Spine, Lab Proctor
Miami Anatomical Research Center
Miami, FL

2015 Cervical Solutions, LDR Surgeon Training Course (01/2015)

MOBI-C, ROI-C

Faculty for LDR Spine, Didactic Presentation and Lab Proctor
Boston Bioskills Lab
Boston, MA

2014 Lumbar Solutions, LDR Surgeon Training Course (09/2014)

Avenue L, Lateral and Pre-psoas lumbar approach

Faculty for LDR Spine, Lab Proctor
Merin Facility Lab
Henderson, NV

2014 Cervical Solutions, LDR Surgeon Training Course (07/2014)

Mobi-C, ROI-C

Faculty for LDR Spine, Didactic Presentation and Lab Proctor
Biddeford, ME

- 2014** **Spinal Disorders Diagnosis and Treatment**
CME talk for The Catholic Health System
Mercy Hospital of Buffalo
Buffalo, NY
- 2014** **Treatment of Common Spinal Disorders**
CME talk for The Catholic Health System
Kenmore Mercy Hospital
Kenmore, NY
- 2013** **Minimally Invasive Spine Surgery Techniques**
Eminent Spine, Surgeon Education, Lab Instructor
Las Vegas, NE
- 2012** **Minimally Invasive Spine Surgery Techniques**
Eminent Spine, Surgeon Education, Lab Instructor
M.A.R.C. Laboratory
Miami, FL
- 2012** **Evaluation and Treatment of Patients with Lumbar Spinal Disorders**
Faculty Presenter for APFME Office of Continuing Medical Education
School of Medicine and Biomedical Sciences
University at Buffalo
- 2011** **Odontoid Fractures**
Grand Rounds Presentation – New England Boston Hospital
- 2010** **Spine Stabilization**
Department of Orthopedics – MSU-HFHS
- 2008** **RA of the Cervical Spine**
New England Baptist Hospital – Tufts University School of Medicine
- 2008** **Legg-Calve-Perthes Disease Case Presentation**
23rd Annual Hip and Spine Day – Cincinnati Children’s Hospital
- 2008** **Scoliosis: Diagnosis and Treatment**
Department of Orthopedics – MSU-HFHS
- 2007** **Radiological Interpretation of Orthopedic Implants**
Department of Radiology – MSU-HFHS
- 2007** **Carpal Instability: Diagnosis and Treatment**
Department of Orthopedics – MSU-HFHS

- 2007** **Complications after Total Hip Arthroplasty**
Department of Orthopedics – MSU-HFHS
- 2007** **Tibia Fracture Management**
Department of Orthopedics – MSU-HFHS
- 2006** **Pelvic Fractures: Stabilization and Treatment**
Department of Trauma – MSU-HFHS
- 2006** **Legg-Calve-Perthes Disease**
Department of Orthopedics – MSU-HFHS
- 2006** **Orthopedic Emergencies**
Henry Ford Hospital House Staff Lecture – MSU-HFHS
- 2006** **Fracture Management**
Henry Ford Hospital House Staff Lecture – MSU-HFHS
- 2005** **Scaphoid Fractures: Diagnosis and Treatment**
Department of Orthopedics – MSU-HFHS
- 2005** **Most Common Orthopedic Injuries: Management in the ER**
Henry Ford Hospital House Staff Lecture – MSU-HFHS
- 2005** **Hip Dislocation Management**
Department of Family Medicine – MWU-CCOM

Work Experience

- 03/17-Present** Spine Surgeon, LK Spine Institute, LLC
- 08/22-Present** Spine Surgeon, Arizona Orthopedic & Spine Institute, LLC
- 03/17-Present** Spine Surgeon, Sherban Spine Institute, PA
- 01/14-08/20** Spine Surgeon, Sherban Orthopaedics & Spine Surgery, PLLC
- 04/14-04/18** Independent Contractor Physician JBG Medical
- 08/13-12/13** Spine Surgeon, Simmons & Sherban Orthopaedic and Spine
- 09/11-07/13** Spine Surgeon, Director of Excelsior Spine Center
- 08/10-06/11** Clinical Instructor-Dept. Of Orthopedic Surgery-Tufts University
- 06/06-06/10** Orthopedic Surgery Resident – MSU-HFHS
- 04/09-06/09** 3 months of Orthopaedic Trauma at Vanderbilt University

11/08-03/09	Moonlighting in Walk-In Clinic/ER at Deckerville Community Hospital
04/08-06/08	3 months of Pediatric Ortho and Spine at The University of Cincinnati
06/05-06/06	Traditional Rotating Internship – MSU-HFHS
06/03-05/04	Volunteer – Community Outreach Clinic – MWU-CCOM
11/01-01/03	Surgical Student Association – Anatomy Tutor – MWU-CCOM
08/98-09/01	Foreign Language Translator Immigration and Naturalization Services – O’Hare International Airport
08/98-09/01	Customer Service Agent Air-France, Tarom, and Lufthansa – O’Hare International Airport
01/96-03/98	Foreign Language Translator – Freelance International Medical Conferences of France

Society Memberships

2013 – 2016	Erie County Medical Society
2011 – 2015	AOSpine
2008 - present	North American Spine Society (NASS)
2007 - present	SpineConnect
2005 - present	American Academy of Orthopaedic Surgeons (AAOS)
2005 - present	American Osteopathic Academy of Orthopedics (AOAO)
2005 – 2010	Detroit Academy of Orthopedic Surgeons (DAOS)
2005 – 2010	Michigan Orthopedic Society (MOS)
2001 - present	American Medical Association (AMA)
2001 - present	American Osteopathic Association (AOA)
2001 - 2005	American Medical Student Association (AMSA)
2001 - 2003	Surgical Student Association (SSA)

Personal

Language Fluency

English, French, German, and Romanian

Sports

Snow Skiing, Weight Training, Running, Tennis, and Basketball

Hobbies

Piloting Airplanes (Private Pilot/Instrument Rated/ Single Engine land/ Multi engine Commercial Pilot, Embraer Phenon 100 Jet Type rated, Embraer Phenon 300 Jet Type rated)
Travel, Dining, and Friends