

15TH ANNUAL MEETING 10TH INSTRUCTIONAL COURSE

APRIL 6-8, 2022 | CHICAGO, IL



APRIL 6 • 3PM-7PM | APRIL 7 • 7AM-4PM | APRIL 8 • 7AM-1PM
S O F I T E L H O T E L - C H I C A G O , I L

The Annual Meeting and Instructional Course programs have been approved for CME and accredited through ACCME in partnership with the American Academy of Orthopedic Surgeons.

10th Annual Instructional Course

Wednesday, April 6, 2022 | 3:00PM - 7:00PM
SOFITEL Hotel | Chicago, IL

Optimizing Surgical Outcomes: Literature Based Recommendations and Actual Surgeon Practices

MICHAEL J. LEE, MD | ZORICA BUSER, PHD, MBA
LSRS EDUCATION CHAIRS

Module 1

PRE-OPERATIVE CONDITIONING

Session 1: Perioperative Optimization of Lumbar Pathology

Session 2: Patient Education and Engagement

Session 3: Mental Disorders and Counseling

Session 4: Anemia and Nutrition as Risk Factors

Module 2

POST-OPERATIVE OPTIMIZATION

Session 1: Bracing and When to Start PT

Break

Session 2: Post-Operative Early Nutrition Management

Session 3: Mental Disorders and Counseling

Module 3

ANALGESIC OPTIMIZATION

Session 1: Weaning Patients from Opioids Prior to Surgery

Session 2: Opioid Management After Surgery

Session 3: Debate: NSAIDS After Lumbar Fusion

Invited Faculty

OWOICHO ADOGWA, MD

Assistant Professor
Neurological Surgery
University of Cincinnati

RAM KIRAN ALLURI, MD

Assistant Professor
Orthopedic Surgery
University of Southern California

ADAM BRUGGEMAN, MD

Texas Spine Care
Spine and Pain Center of
San Antonio

ZORICA BUSER, PHD, MBA

Assistant Professor,
Research
Orthopedic Surgery
Neurosurgery

ANDREW T. DAILEY, MD

Chief Spine Section
Professor of Neurosurgery
University of Utah

ZOHER GHOGAWALA, MD

Professor and Chair of
Neurosurgery
Lahey Hospital and Medical
Center
Tufts University School of
Medicine

RAYMOND HAH, MD

Assistant Professor
Clinical Orthopedic Surgery
Keck School of Medicine
University of Southern
California

STRAVISHT IYER, MD

Assistant Professor
Orthopedic Surgery
Weil Cornell Medical College

MICHAEL J. LEE, MD

Professor
Orthopaedic Surgery
University of Chicago

ANDREW PUGELY, MD

Assistant Professor
Orthopedic Surgery
University of Iowa

GREGORY D. SCHROEDER, MD

Professor of Orthopedic Surgery
Jefferson University

JEREMY D. SHAW, MD, MS

Director of Spine Education
Assistant Professor
Orthopedic Surgery
University of Pittsburgh

NICHOLAS SPINA, MD

Orthopedic Surgery
University of Utah

15th Annual Meeting

Thursday, April 7, 2022
7:00AM - 4:00PM

S O F I T E L Hotel - Chicago, IL

OPENING REMARKS

MICHAEL P. STEINMETZ, MD
JASON W. SAVAGE, MD
LSRS PROGRAM CHAIRMEN

SCIENTIFIC SESSIONS

Opioids and Pain Management
Isthmic Spondylolisthesis
Degenerative Spondylolisthesis

SYMPOSIUM

**Latest on Biologics to Enhance
Lumbar Fusion**

SCIENTIFIC SESSIONS

Rapid Fire Presentations
Deformity
Telemedicine and COVID

RESEARCH AWARDS

SYMPOSIUM

**Impact of Chronic Pain on
Surgical Outcomes**

SCIENTIFIC SESSIONS

Outcomes
Artificial Intelligence and Predicting Outcomes
Imaging/Hounsfield Units

SYMPOSIUM

**Robotics and the Future of
Spine Surgery**

EPOSTER SESSIONS

On Display Throughout

Registration Fee Scale Annual Meeting:

LSRS Member Included in Dues
Non-Member (MD, DO, Commercial Business) \$850
Non-Member (1st Time Attendee) \$650
Non-Member Scientific (PhD, MS) \$550
Other \$375

Registration Fee Scale ICL:

LSRS Member \$175
Non-Member (MD, DO, Commercial Business) \$225
Non-Member Scientific (PhD, MD) \$175
Other \$125

15th Annual Meeting

Friday, April 8, 2022

7:00AM - 1:00PM

S O F I T E L Hotel - Chicago, IL

OPENING
REMARKS

MICHAEL P. STEINMETZ, MD
JASON W. SAVAGE, MD
LSRS PROGRAM CHAIRMEN

SCIENTIFIC
SESSIONS

Surgical Outcomes
Outcomes/Deformity
Rapid Fire Presentations

SYMPOSIUM

**Debate Lumbar Fusion vs.
Arthroplasty Case of L5/S1 DDD
with Foraminal Stenosis**

TRANSFER OF PRESIDENTS

SCIENTIFIC
SESSIONS

Poster Breakout
Miscellaneous
Socioeconomics in Spine Surgery
Basic Science

SYMPOSIUM

**Deformity: Achieving Fusion at
L5/S1**

EPOSTER
SESSIONS

On Display Throughout

CME

Continuing Medical Education Credit: These activities have been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the American Academy of Orthopaedic Surgeons and Lumbar Spine Research Society. The American Academy of Orthopaedic Surgeons is accredited by the ACCME to provide continuing medical education for physicians.

FOR INQUIRIES AND REGISTRATION

WWW.LSRS.ORG
EMAIL AT LSRS@LSRS.ORG

Invited Faculty

PAUL A. ANDERSON

University of Wisconsin
Department of Orthopedics

PAUL ARNOLD, MD

Professor and Chairman
Department of Neurosurgery
University of Illinois

SIDDHARTH A BADVE, MD

Attending Spine Surgeon
Geisinger Health System - Lewistown
Hospital & Grays Woods
State College, PA, USA

SCOTT L. BLUMENTHAL, MD

Orthopedic Spine Surgeon
Texas Back Institute

ZORICA BUSER, PHD, MBA

Assistant Professor of Research
Orthopedic Surgery
Neurosurgery

DARREL S. BRODKE, MD

Chairman
Department of Orthopaedics
University of Utah

ANDREW T. DAILEY, MD

Chief Spine Section
Professor of Neurosurgery
Univeristy of Utah

SARA DAVIN, PSYD, MPH

Director, Center for Spine Health
Cleveland Clinic

MICHAEL D. DAUBS, MD

Professor
University of Nevada School of Medicine
Orthopedic Surgery

RAYMOND HAH, MD

Assistant Professor
Clinical Orthopedic Surgery
Keck School of Medicine
University of Southern California

WELLINGTON K. HSU, MD

Professor
Orthopedic and Neurological Surgery
Northwestern University

IAIN KALFAS, MD

Department of Neurosurgery
Cleveland Clinic

Addisu Mesfin, MD

Professor
Orthopedic and Neurosurgery
Chief, Division of Spine Surgery
University of Rochester

ALPESH A. PATEL, MD, MBA, FACS

Professor
Departments of Orthopedic surgery &
Neurosurgery
Northwestern University School of Medicine

CHETAN PATEL, MD

Medical Director
Spine Surgery
AdventHealth Neuroscience Group

PAUL PARK, MD

Director, Neurosurgery Spine Program
Professor, Neurosurgical Surgery
Professor, Orthopaedic Surgery
University of Michigan

DOMINIC PELLE, MD

Center for Spine Health
Orthopedic Surgery
Cleveland Clinic

ANDREW PUGELY, MD

Assistant Professor
Orthopedic Surgery
University of Iowa

RAJ RAO, MD, MBA

Chief of Surgical Services
West Palm Beach VAMC

JOSEPHINE SABHARWAL, MD

Psychiatry Specialist
Cleveland Clinic

JASON W. SAVAGE, MD

Orthopedic Surgery
Cleveland Clinic

GREGORY D. SCHROEDER, MD

Professor of Orthopedic Surgery
Jefferson University

NICHOLAS SPINA, MD

Orthopedic Surgery
University of Utah

MICHAEL STEINMETZ, MD

Chairman
Department of Neurosurgery
Cleveland Clinic

CLIFFORD B. TRIBUS, MD

Professor
Orthopedic Surgery
University of Wisconsin

THOMAS A. ZDEBLICK, MD

Professor and Chairman
Department of Orthopedic Surgery
University of Wisconsin