



AO Spine NA Webinar—Lumbar Interbody Fusion: Open vs. MIS Options



March 10, 2021 - March 10, 2021

Online, N/A, USA

Target Audience: Ortho Spine Surgeons and Neurosurgeons

Webinar Overview:

Lumbar fusion surgery has evolved and offers now options to treat spinal pathology of all severity levels with open or minimally invasive techniques or combinations thereof. There are distinct characteristics of lumbar fusion options that may offer advantages in particular scenarios depending on patient pathology, surgeon experience and training level. The goal of this webinar is to shed light on these differences and help surgeons of all levels understand better the pros and cons of various surgical techniques.

Event Summary

Tuition:

Level Name: Participant - Spine

Pricing Tier: Attending

Tuition: \$0.00

Venue:

No Venue

Language(s):

English

Directly Provided by:**Course Prerequisite(s):**

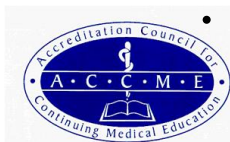
No Prerequisites

Professional Level Prerequisite(s):

No Prerequisites

CME

Continuing Education Credit: 1.25



- AO North America is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.
- AONA has been resurveyed by the Accreditation Council for Continuing Medical Education (ACCME) and awarded Accreditation with Commendation.

Designation Statement - AO North America designates this live educational activity for a maximum of 1.25 **AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The Continuing Medical Education (CME) mission of AO North America (AONA®) is to provide comprehensive multidisciplinary needs based education to surgeons, fellows, and residents in the specialties of orthopedic, hand, craniomaxillofacial, spine, neurosurgery, and veterinary surgery in the areas of trauma (i.e., operative reduction and fixation), degenerative disorders, deformities, tumors, and reconstruction.

Expected results of AONA's CME activities for surgeons, fellows, and residents are to:

- Increase their knowledge base and surgical skill level
- Improve competence by applying advances of knowledge in patient care in the areas of trauma, degenerative disorders, deformities, tumors, and reconstructive surgical techniques
- Address practice performance gaps by improving management of aspects of traumatic injuries and musculoskeletal disorders (i.e., pre-operative planning to post-operative care)

Learning Objectives

Upon completion, participants should be able to:

- Appreciate the current indications for open spinal lumbar interbody fusion surgery
- Recognize the current indications for minimally invasive spinal lumbar interbody fusion surgery
- Know the limitations of MISS

Faculty



Härtl, Roger - Chairperson

MD

Director of Spinal Surgery

Weill Cornell Medicine

New York, New York

Roger Härtl, M.D., is the Hansen-MacDonald Professor of Neurological Surgery and Director of Neurosurgery Spine at Weill Cornell Medicine. In addition, he is the Neurosurgical Director at Ochs Spine at New York-Presbyterian/Weill Cornell Medical Center and the Director of Ochs Spine at New York-Presbyterian at the Weill Cornell Medicine Center for Comprehensive Spine Care as well as the Founder of the Weill Cornell Medicine Global Neurosurgery Initiative in Tanzania. He also serves as the official neurosurgeon for the New York Giants Football Team. Dr. Härtl's clinical interest focuses on simple and complex spine surgery for degenerative conditions, tumors, and trauma as well as biological approaches for disc repair and regeneration. He is a world-renowned pioneer and leader in minimally invasive spinal surgery and computer-assisted spinal navigation surgery and augmented reality. He is actively involved in improving neurosurgical care in emerging countries as the leader of Weill Cornell's Global Neurosurgery Initiative in Tanzania. In order to achieve the very best in patient outcomes, Dr. Härtl's practice emphasizes an interdisciplinary approach to spinal disease. He collaborates closely with other specialists such as neurologists, pain specialists, sports medicine doctors and physical therapists. His patients come from all over the globe and include many physicians, surgeons, and even other neurological spine surgeons. He has been repeatedly named to the lists of New York Super Doctors, America's Top Surgeons, and America's Best Doctors, and has been included on the list of New York's Best Doctors in New York magazine. He has authored more than 250 scholarly articles in peer-reviewed journals and is the editor of four books on minimally invasive spinal surgery and biological disc repair and regeneration. He is the 2022 recipient of the AANS Humanitarian Award, one of the highest honors bestowed by the American Association of Neurological Surgeons. Dr. Härtl has provided commentary for numerous television shows on ABC, NBC, and CBS in addition to national radio shows. His expertise has been sought through interviews in the New York Times, The New York Post, The New York Daily News, and other media outlets.



Chou, Dean - Lecturer

MD

Professor and Vice Chair of Neurosurgery

University of California San Francisco

UCSF Spine Center

San Francisco, California

After medical school at UCSF, Dr. Chou completed his residency at The Johns Hopkins Hospital and then undertook a fellowship in complex spinal surgery at The Barrow Neurological Institute. He has been on faculty at UCSF since fellowship. He is board certified by the American Board of Neurological Surgery and has been elected by his peers for 10 consecutive years to the "Best Doctors in America". Dr. Chou is on the Advisory Board of the journal SPINE, the Editorial Boards of the Journal of Neurosurgery: Spine and the journal, Neurosurgery. He is an academic editor for PLOS ONE and previously reviewed for the Global Spine Journal. He has served on the Scientific Program Committee for the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, as an abstract reviewer for such society meetings as the Scoliosis Research Society (SRS), International Meeting of Advanced Spinal Techniques (IMAST), and the Congress of Neurological Surgeons, and as a faculty member for The American Association of Neurological Surgeons, The North American Spine Society, The Lumbar Spine Research Society, and the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. He is a two-time recipient of the Harold Rosegay Resident Teaching Award. He has over 225 peer-reviewed publications, and his publications have been featured five times as the cover article of the Journal of Neurosurgery: Spine.



Vaccaro, Alexander - Lecturer

MD, PhD, MBA

Dr.

Co-Director, Del. Valley Spinal Cord Injury Center

Thomas Jefferson University Hospital, Inc

Philadelphia, Pennsylvania

Dr. Vaccaro graduated Summa Cum Laude from Boston College in 1983 with a B.S. in Biology. He received his M.D. degree from Georgetown University School of Medicine where he was promoted with "Distinction." He earned membership in the Alpha Omega Alpha (AOA) Honor Society and graduated with honors in 1987. He completed a year of Surgical Internship at Cedars-Sinai Medical Center in Los Angeles, CA and his Orthopaedic Surgery Residency was at Thomas Jefferson University where he graduated in 1992. Dr. Vaccaro completed a Spine Fellowship at the University of San Diego, CA. He earned a PhD in 2007 in the field of Spinal Trauma and a MBA in 2015. Dr. Vaccaro is the Richard H. Rothman Professor and Chairman, Department of Orthopaedic Surgery and Professor of Neurosurgery at Thomas Jefferson University in Philadelphia, Pennsylvania. He was the recipient of the Leon Wiltse award given for excellence in leadership and clinical research for spine care by the North American Spine Society (NASS) and is the past President of the American Spinal Injury Association and current President of the Association for Collaborative Spine Research. He has over 860 peer reviewed and 195 non-peer reviewed publications. He has published over 340 book chapters and is the editor of over 58 textbooks and co-editor of OKU-Spine I and editor of OKU-8. Dr. Vaccaro is the President of Rothman Institute, Chairman of the Department of Orthopaedic Surgery, Co-Director of the Regional Spinal Cord Injury Center of the Delaware Valley and Co-Director of Spine Surgery at Thomas Jefferson University Hospital where he instructs current fellows and residents in the diagnosis and treatment of various spinal problems and disorders.

Agenda

Day 1

Wednesday, March 10, 2021 - 20:00 - 21:15

Schedule	Title	Moderator	Faculty	Room
20:00 - 20:05	Welcome and Introductions		Hartl, R	
20:05 - 20:15	MIS Introduction & TLIF		Hartl, R	
20:15 - 20:25	Open Surgery - pros and cons		Vaccaro, A	
20:25 - 20:35	MIS Lateral		Chou, D	
20:35 - 21:00	Case-based Discussions by Faculty		Chou, D Hartl, R Vaccaro, A	
21:00 - 21:10	Questions & Answers		Chou, D Hartl, R Vaccaro, A	
21:10 - 21:15	Summary and Wrap up		Hartl, R	
21:15 - 21:15	Adjourn			

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All scientific research referred to, reported or used in this CME activity in support or justification of a patient care recommendation conforms to the generally accepted standards of experimental design, data collection and analysis.

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Acknowledgment

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