



5th Annual Advances in Motion Preservation of the Spine

Friday, October 13 - Saturday, October 14, 2023

AGENDA

FRIDAY, OCTOBER 13, 2023

PIZZA AND CONTROVERSY

- 6 p.m.** **Registration and Appetizers**
- 6:25 p.m.** **Welcome & Course Overview**
Jens R. Chapman, M.D. & Jack E. Zigler, M.D.
- 6:30 p.m.** **Revision strategies in CERVICAL ADR at TBI**
Scott L. Blumenthal M.D.
Objectives:
- Share TBI Registry data experience with bone resorption in 2,000 consecutive cases
 - Identify failure modes of cervical total disc replacement
 - Explain various revision strategies; when to do disc to disc vs disc to ACDF
- 7:00 p.m.** **Discussion**
- 7:15 p.m.** **The Clinician's Obligation to report issues or trends when novel technology is perceived to be performing below standard. Examples and expectations**
Glen Stiegman MCRA (virtual)
- 7:45 p.m.** **Discussion**
- 8 p.m.** **Adjourn**

SATURDAY, OCTOBER 14, 2022

7 a.m. Breakfast & Registration

7:25 a.m. Welcome & Introductions

Jens R. Chapman, M.D. & Jack E. Zigler, M.D.

7:30 a.m. Keynote Address: Why the Viscogliosi Brothers believed the US was ready for Artificial Disc Replacement: How did it happen (The Big Picture)?

Tony Viscogliosi

8 a.m. Discussion

8:15 a.m. Key Implant Stories:

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| 1. ActivL | Jim Yue, M.D. <i>(virtual)</i> |
| 2. The Link Disc | Richard Guyer, M.D. |
| 3. Charite | Scott Blumenthal, M.D. |
| 4. ProDisc | Jack E. Zigler, M.D. |
| 5. Maverick | John Pelozo, M.D., <i>(virtual)</i> |
| 6. Freedom Disc | Izzy Lieberman, M.D. <i>(virtual)</i> |

Objectives:

- Provide historical context to the introduction of lumbar arthroplasty technology into the US in the late '90's and early 2000's
- Assess practical aspects to full unrestricted function and disability as well as unplanned secondary surgeries in lumbar disc replacement surgery versus fusion surgery in the management of degenerative disc disorders

9:25 a.m. Q & A

9:30 a.m. Anterior Cervical Decompression Without Reconstruction: Foraminotomy/Uncinate Resection and Transcorporeal Discectomy

Daniel Riew, M.D. (virtual)

9:45a.m. Live Demonstration Broadcast from BioSkills Lab No. 1

Side by Side: Lumbar Anterior Discectomy & Posterior Release: Keels vs. Teeth

Scott Blumenthal, M.D. & Jack E. Zigler, M.D.

Moderator: Richard Guyer, M.D.

10:30 a.m. New Motion Preservation Approaches

1. 3 Spine; Motus - *Armen Khachatryan, M.D. (pre-recorded)* (10min)
2. Endoscopy - *Ghazwan Hasan, M.D.* (10min)
3. Biomechanics of Motion Preservation Summary of Impactful Principals - *Joseph Cheng M.D. (virtual)* (20min)

Moderated by: *Michael Janssen, D.O. (virtual)*

11:20 a.m. Who Thought Cervical Arthroplasty Was a Good Idea? History and Timeline of Its Introduction. Who were the proponents and who were the naysayers?

Jason Ye, M.D. (virtual)

Objectives:

- Present historic data on early cervical disc arthroplasty designs
- Describe the timeline of introduction, FDA approval, and removal from the commercial market
- Present best case vs. worst case scenarios for successful outcomes and poor outcomes

11:40 a.m. Discussion

11:50 a.m. LUNCH (Roving Reporter)

12:30 p.m. Anatomy of an FDA IDE Study: How I Learned Grudgingly that this Process is really a very good use of my Taxpayer Dollar

Jack E. Zigler, M.D.

12:50 p.m. Discussion

1:00 p.m. Live Demonstration Broadcast from BioSkills Lab No. 2

Side by Side: Treating Cervical TDR's

Scott Blumenthal, M.D. & Richard Guyer, M.D.

Moderator: Jack Zigler, M.D.

1:45 p.m. New Symposium: Taking Cervical ADR's Mainstream

Richard Wohns, M.D., J.D., MBA (virtual)

- C-ADR in discectomy cosmetics (experience in Maldives Nepal)
- Adjacent segment Preventions
- Radiolucency about Arthroplasty (what is going on, what should we do?)

2:45 p.m. C-ADR Reimbursement

1. Identify disc arthroplasty coverage and reimbursement
2. Explain AMA/RCU and SI-Bone coverage and reimbursement

Speaker: Jeff Zigler JD *(virtual)* & Kim Norton *(virtual)*

Moderator: Jens R. Chapman, M.D.

3:15 p.m. Interspinous Process Spacer Techniques

- Coflex – Jens R. Chapman, M.D. (10min)
- Limiflex – Todd Alamin, M.D. (10min)
- Globus – Mark Scioli, M.D. *(virtual)* (10min)

4:00 p.m. FORMAL ADJOURNMENT

ESTEEMED FACULTY

Jens R. Chapman, M.D.
Course Co-Chair

Complex Spine Surgeon
Swedish Neuroscience Institute
Seattle, Washington

Jack E. Zigler, M.D.
Course Co-Chair

Co-Director of the Center for Disc Replacement
Texas Back Institute
Plano, Texas

Scott L. Blumenthal, M.D.
Course Co-Chair

Orthopedic Spine Surgeon
Texas Back Institute
Plano, Texas

Todd Alamin, M.D.

Professor of Orthopaedic Surgery
Stanford Medicine Health Care
Redwood City, California

Joseph S. Cheng, M.D., M.S. (virtual)

Associate Director for UC Gardner Neuroscience
Institute, Frank H. Mayfield Endowed Chair &
Professor
University of Cincinnati
Cincinnati, Ohio

Richard Guyer, M.D.

Co-Founder, Director, Spine Fellowship Program
- Co-Director for the Center for Disc
Replacement
Texas Back Institute
Plano, Texas

Ghazwan Hasan, M.D.

Orthopaedic Spine Surgeon
Royal Private Hospital
Baghdad, Iraq

Michael Janssen, D.O. (virtual)

Founder
Center for Spine & Orthopedics
Thornton, Colorado

Armen Khachatryan, M.D. (pre-recorded)

Founder & Director
The Disc Replacement Center
Holladay, Utah

Isador Lieberman, M.D. (virtual)

Orthopaedic Spine Surgeon
Texas Back Institute
Plano, Texas

Kim Norton (virtual)

Principal
Jet City Consulting LLC
St. Petersburg, Florida

John Peloza, M.D. (virtual)

Orthopaedic Spine Surgeon
Midwest Orthopedic and Spine Specialists
Chesterfield, Missouri

Daniel Riew, M.D. (virtual)

Orthopedic Surgeon
Weill Cornell Medicine
New York, New York

Mark Scioli, M.D. (virtual)

Orthopedic Surgeon
Center for Orthopaedic Surgery
Lubbock, Texas

Glen Stiegman (virtual)

Senior Vice President, Clinical & Regulatory
Affairs
MCRA
Washington, DC

Anthony G. Viscogliosi

Principal
Viscogliosi Brothers LLC
New York, New York

Richard Wohns, M.D., J.D., MBA (virtual)

Founder & President
NeoSpine
Seattle, Washington

Jason Ye, M.D., M.B.A. (virtual)

Orthopedic Spine Surgeon
Indiana Spine Group
Bloomington, Indiana

James L. Yue, M.D. (virtual)

Orthopaedic Surgeon
Connecticut Orthopaedics
Associate Professor of Surgery
Frank H. Netter Medical School at Quinnipiac
University
Hamden, Connecticut

Jeffrey Zigler (virtual)

Vice President, Market Access & Reimbursement
SI-BONE, Inc.
Baltimore, Maryland