New Perspectives on Spine Surgery: Practice Evolution

October 7-8, 2016*
Miami Anatomical Research Center (MARC)*
Miami, FL

*Course date & location subject to change
Course Overview

Aesculap Implant Systems New Perspectives on Spine Surgery course is offered to spine surgeons who manage patients with disease and injury to the cervical, thoracic and lumbar spine. At the end of the course, surgeons will understand how to reinvent their practices to thrive in the inevitable paradigm shift in healthcare delivery that will shape the industry over the next five years.

The course agenda has been carefully designed to provide a comprehensive overview of common cervical and thoracolumbar pathologies, current treatment modalities and emerging technologies. In addition to comprehensive discussions about the industry's most debated spinal procedures, both payer and provider will be represented in multi-stakeholder panels to discuss the rapidly evolving economic and clinical landscape. Surgeons should leave the course understanding proper use of our products and how to overcome unfavorable coverage policies.

Didactic sessions will be followed by a sophisticated cadaver lab replicating the operating room set-up in which the participants will have ample opportunity to practice the surgical techniques presented. Attendees are strongly encouraged to bring cases for discussion.

Aesculap Implant Systems is excited to offer course attendees the opportunity to become credentialed on the activL® Artificial Disc, the only Lumbar Motion Preservation Implant on the market to offer Intelligent Motion Technology™. The course content includes topics specific to lumbar total disc replacement including: level and vasculature specific approach considerations, positioning and pre-operative imaging, patient indications and risk stratification, and an overview on the biomechanics of total disc replacement.

In an interactive and engaging learning environment, participants will have an opportunity to:

- Hear didactic presentations from thought leaders in the spine community
- Share and review case studies in an interactive forum
- Receive hands-on training by renown spine surgeons using cadaveric models

The New Perspectives on Spine Surgery curriculum, designed by the Aesculap Academy, meets all applicable OIG, AdvaMed, and ACCME guidelines.

Course Objectives

Upon completion of this course, participants should be able to:

Cervical and Lumbar Pathologies

- Understand how to adapt to a changing clinical and economic landscape
- Distinguish current indications and applications for complex cervical and lumbar pathologies
- Discuss emerging trends in the cervical and thoracolumbar spine for treatment of degenerative disc disease, and other spinal disorders
- Discuss traditional vs. stand-alone implant options for anterior cervical and lumbar fusion surgeries
- Discuss feasibility of a MIS cervical platform in a roundtable format
- Discuss and identify anatomy and landmarks for anterior approach
- Understand the biomechanics of stand-alone devices in the spine
- Apply anterior lumbar fusion for treatment of degenerative disc disease utilizing anterior lumbar stand-alone interbody fusion device
- Discuss options in anterior lumbar surgery through multiple approaches
- Understand new interbody spacer technologies entering the market for spinal fusions

Motion Preservation – activL® Artificial Disc

- Discuss and identify the cases best suited for anterior lumbar total disc replacement versus lumbar interbody fusion
- Understand the biomechanics of the healthy versus degenerated lumbar spine in patients that are candidates for lumbar total disc replacement
- Apply the surgical technique for lumbar total disc replacement utilizing the activL® Artificial Disc
- Mitigate and bailout of potentially challenging complications
- Understand the current reimbursement environment for anterior procedures and the resources available
- Following completion of the course, surgeons will be given access to the activL® Artificial Disc and its corresponding support programs.

In order to be fully credentialed on the activL Artificial Disc, first cases must be observed by an activL Artificial Disc certified trainer.
Agenda

Friday, October 7, 2016

Motion Preservation and the Lumbar Practice of the Future

7:30 AM Breakfast
8:00 AM Transfer to Lab – Meet in Hotel Lobby
8:30 AM Opening Remarks – Chuck DiNardo, President of Aesculap Inc.
8:45 AM Introductions – Rolando Garcia, MD
9:00 AM Panel Discussion: Economic and Clinical Decision Making in Spine Surgery – Rolando Garcia, MD; Richard Guyer, MD; Larry Khoo, MD; Brent O Connell, MD
9:30 AM Existing Evidence for Lumbar TDR vs. Fusion: Clinical Outcomes from the 5-Year Meta Analysis – Richard Guyer, MD
9:50 AM When to Fuse and When to Refuse to Fuse: A Case Series Review of Fusion and Lumbar TDR Patients – Jack Zigler, MD
10:10 AM How to Differentiate Your Practice with Next Generation Lumbar Motion Preservation – Scott Blumenthal, MD
10:30 AM What Every Spine Surgeon Needs to know about Anterior Access – Naaman Abdullah, MD
10:50 AM Break
11:10 AM Cadaveric Rotation 1 – Lumbar TDR
12:00 PM Lunch / The Science Behind AesculapXP Technology – Bob Spiro, PhD

Afternoon

1:00 PM Panel Discussion: How to Navigate the ALIF and Motion Preservation Coverage Landscape – Naaman Abdullah, MD; Brent O Connell, MD; James Yue, MD; Jack Zigler, MD
1:30 PM Maintaining Control of Your Surgical Treatment Options – James Yue, MD
2:00 PM Existing Evidence and Biomechanical Rational for Stand-Alone ALIF – Mudit Sharma, MD
2:20 PM Sagittal Balance of the Lumbar Spine – Robert Eastlack, MD
2:40 PM Break
3:00 PM Cadaveric Rotation 2 – TLIF and PLIF
3:45 PM Cadaveric Rotation 3 – Stand-Alone ALIF
4:30 PM Closing Remarks / Adjourn

Saturday, October 8, 2016

Cervical Practice of the Future

7:30 AM Breakfast
8:00 AM Transfer to Lab – Meet in Hotel Lobby
8:30 AM Roundtable Discussion: Is There a Benefit to MIS in the Cervical Spine? Risk vs. Reward – Ralph Kothe, MD; Larry Khoo, MD; Eugene Bonaroti, MD
8:50 AM Lessons Learned from Laser Spine Institute & Marketing Your Practice – Scott Webb, MD
9:20 AM The Biomechanics of Standalone Cervical Fusion Interbody – Larry Khoo, MD
9:40 AM My OUS Cervical Practice: Takeaways from the European Healthcare Landscape – Ralph Kothe, MD
10:00 AM Break
10:20 AM Cadaveric Rotation 1 – Stand-Alone ACDF
11:00 AM Cadaveric Rotation 2 – Posterior Cervical Fusion
11:40 AM Closing Remarks: Key Clinical and Economic Takeaways for the Next Five Years – Rolando Garcia, MD

**Agenda Subject to Change**

Chairman
Rolando Garcia, Jr., MD, MPH
Orthopaedic Spine Surgeon
Orthopaedic Care Center
Spine Surgery & Scoliosis
Aventura, FL

Larry Khoo, MD
Neurosurgeon
Co-Director
The Spine Clinic of LA
Los Angeles, CA

Ralph Kothe, MD
Orthopaedic Spine Surgeon
Schön Klinik Hamburg
Hamburg, Germany

Brent O Connell
Retired Medical Director - Highmark Blue Cross Blue Shield
Harrisburg, PA

Mudit Sharma, MD
Neurosurgeon
Virginia Spine Specialists
Fredericksburg, VA

Ralph Kothe, MD
Orthopaedic Spine Surgeon
Schön Klinik Hamburg
Hamburg, Germany

Scott Webb, DO
Orthopaedic Spine Surgeon
Florida Spine Institute
Clearwater, FL

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Robert Watkins IV, MD
Orthopaedic Spine Surgeon
Marina Spine Center
Marina Del Rey, CA

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James Yue, MD
Orthopaedic Spine Surgeon
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Jack Zigler, MD
Orthopaedic Spine Surgeon
Texas Back Institute
Plano, TX

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Orthopaedic Spine Surgeon
Texas Back Institute
Plano, TX

*Faculty subject to change
Intended Audience
Attendance at this course is limited and by invitation only. This course is being offered to neuro and orthopaedic healthcare professionals in the United States and Canada specializing in spine surgery.

Aesculap Academy Training and Education Program
The Aesculap Academy recognizes the importance of its relationship and collaboration with healthcare professionals. Therefore, this educational activity is designed to comply with the AdvaMed Code of Ethics as well as all applicable state and federal laws pertaining to interactions with healthcare professionals.

Disclaimer
Participants must always use their own judgment and professional opinion when considering future application of this information, particularly as it may relate to patient diagnostic or treatment decisions.

Support
Funding for this program has been provided by Aesculap Implant Systems, with technical support provided by the Aesculap Academy. Aesculap will organize all travel and lodging for participants to attend this training, which includes: coach class airfare, standard hotel room for 2 nights, all course materials and scheduled meals, and course materials. Payment for participant travel and lodging will be made directly by Aesculap to travel agency and hotel - not to program participants.

ADA Statement
The Aesculap Academy staff is available to assist you with any special needs (i.e. physical, dietary, etc.) Please contact Janet Mahaffey at 800.258.1946, Ext. 5223.

Disclosure of Payments
Under the provisions of Section 6002 of the Patient Protection and Affordable Care Act, commonly known as the Sunshine Act and now known as Open Payments, certain expenses related to your attendance and/or participation in this course may require disclosure to the federal government. The law requires the disclosure of certain payments or transfers of value provided to covered recipients by pharmaceutical and medical device manufacturers, including: consulting fees, gifts and entertainment, food and beverage, travel and lodging, education, research payments, charitable contributions, educational grants, and some exhibit or space rental fees. Aesculap will take all prudent measures to ensure that the information we are required to report is fair and accurate. Note to healthcare professionals licensed in the states of Massachusetts and Vermont: State laws may place additional restrictions and/or disclosure requirements on the provision of certain items of value to healthcare professionals by pharmaceutical and medical device manufacturers. Aesculap respects and complies with all state laws.

Registration

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Registration:
The Aesculap Academy will organize and remit fees for reasonable travel and lodging costs incurred by the participant to attend this program. Payment will be made directly to the travel agency, hotel and ground transfer companies and not to the participant directly. For this program, the following expenses will be covered: 1 coach round trip airfare, standard hotel room for 2 nights, all course materials and scheduled meals (as applicable by state legislations)*. This training course is limited to a total registration of 20 participants. Attendance at this course is limited and by invitation only.

This Aesculap Academy professional education event is designed to comply with AdvaMed guidelines on appropriate interactions with healthcare professionals and all applicable law. Aesculap Implant Systems is prohibited from covering any costs related to healthcare professional entertainment, and as such is unable to pay expenses related to recreational or social activities in which you may engage outside of the event’s regularly scheduled functions. Thank you for your understanding.

*Registrants will be notified if the Aesculap Academy is prohibited from covering certain course related expenses due to state laws.

To Register:
Visit: http://aesculap.cvent.com/oct7 and complete the registration form. For questions regarding registration contact Janet Mahaffey 1.800.258.1946 x5223 or Janet.Mahaffey@aesculap.com.
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You need products that set your practice apart. High-quality products that are built to last. Backed by 175 years of experience and solid engineering, our innovative products perform as good as they look. From our Plasmapore™ surface technology – 30 years strong – to the next generation lumbar total disc replacement – activL® Artificial Disc, we work hard to offer you the products necessary to achieve successful outcomes. And, that’s good for you…and your patient.

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Competence to master the future.

The Aesculap Academy enjoys a world-wide reputation for medical training of physicians, senior nursing staff and staff in OR, anesthesia, ward and hospital management. The courses consist of hands-on workshop, management seminars and international symposia. For that the Aesculap Academy was given the Frost & Sullivan award as “Global Medical Professional Education Institution of the Year” three times in succession.

The Aesculap Academy courses are of premium quality and accredited by the respective medical societies and international medical associations.