

CERVICAL SPINE RESEARCH SOCIETY



FOUNDED 1973

CSRS 26th Instructional Course Preliminary Scientific Program

Marriott Marquis, Atlanta, Georgia

Live-Virtual November 29-30, 2021

In-Person December 1, 2021

On-Demand December 6, 2021 – January 31, 2022

John M. Rhee, MD, CSRS President

Brian K. Kwon, MD, PhD, FRCSC & Neill Wright, MD, Instructional Course Program Co-Chairs

Annual Meeting Instructional Course Sub-committee: Paul M. Arnold, MD, FAANS, FACS; Jesse E. Bible, MD; Charles H. Crawford, III, MD; Michael C. Gerling, MD; Brian K. Kwon, MD, PhD, FRCSC; Sang Hun Lee, MD; Thomas E. Mroz, MD; Themistocles S. Protopsaltis, MD; Jefferson Wilson; MD

Monday
11/29/2021

Live-Virtual 7:00pm-8:10pm
&
On-Demand Dec. 6, 2021-Jan. 31, 2022

Degenerative Pt. I

Moderator(s): *Paul Arnold, MD; Charles Crawford, MD*

- 7:00pm-7:02pm **Introduction**
- 7:02pm-7:14pm **Surgical Decision Making for Single-Root Radiculopathy In the Setting of Multi-Level Spondylosis: Choosing Levels, Approaches, and Techniques**
John Rhee, MD
- 7:14pm-7:21pm **Discussion**
- 7:21pm-7:29pm **Master Class Video: Posterior Foraminotomy for Cervical Radiculopathy**
Thomas Mroz, MD
- 7:29pm-7:37pm **Master Class Video: Posterior Endoscopic Techniques for Cervical Radiculopathy**
Sang Hun Lee, MD
- 7:37pm-7:45pm **Discussion**
- 7:45pm-7:53pm **DEBATE - Mildly Symptomatic Myelopathy: Wait and Watch**
Jason Savage, MD
- 7:53pm-8:01pm **DEBATE - Mildly Symptomatic Myelopathy: Operate**
Samuel Cho, MD
- 8:01pm-8:09pm **Discussion**

Monday
11/29/2021

Live-Virtual 8:20pm-9:30pm
&
On-Demand Dec. 6, 2021-Jan. 31, 2022

Deformity for Bread & Butter Cervical Spine Surgeons

Moderator(s): *Themistocles Protopsaltis, MD; Thomas Mroz, MD*

- 8:20pm-8:21pm **Introduction**
- 8:21pm-8:31pm **When is my Degenerative Case Really a Deformity? What Parameters Should I be Aware Of?**
Themistocles Protopsaltis, MD
- 8:31pm-8:41pm **Preoperative Optimization of the Cervical Deformity Patient**
Michael Steinmetz, MD
- 8:41pm-8:51pm **Discussion**
- 8:51pm-9:01pm **Deformity Plus Myelopathy: Double Jeopardy**
Jeffrey Wang, MD
- 9:01pm-9:11pm **Master Class Video: Deformity Technique**
Chris Ames, MD
- 9:11pm-9:21pm **Discussion**

Tuesday
11/30/2021

Live-Virtual 7:00pm-8:12pm
&
On-Demand Dec. 6, 2021-Jan. 31, 2022

Tumor and Infection Pt. I

Moderator(s): Sang Lee, MD; Michael Gerling, MD

- 7:00pm-7:02pm **Introduction**
- 7:02pm-7:12pm **Tumor: Prognostication and treatment strategies for cervical metastasis; Surgery or Not**
Langston Holly, MD
- 7:12pm-7:22pm **Tumor: Surgical Options for Cervical Metastasis (Fusion or Not, Fixation Methods, MIS, Innovative Options Navigation, Robotics, etc.)**
JP Wolinsky, MD
- 7:22pm-7:32pm **Tumor: Radiation Treatment Update on Cervical Metastasis**
Kristin Redmond, MD
- 7:32pm-7:43pm **Discussion**
- 7:43pm-7:52pm **Infection: Update on The Primary Cervical Infection (Discitis, Epidural Infection), Surgical Options (Fixation, Graft Material), Perioperative Management**
Jesse Bible, MD
- 7:52pm-8:01pm **Infection: Post-Surgical Infection of the Cervical Spine, Update and New Technologies**
Peter Passias, MD
- 8:01pm-8:12pm **Discussion**

Tuesday
11/30/2021

Live-Virtual 8:20pm-9:30pm
&
On-Demand Dec. 6, 2021-Jan. 31, 2022

Cervical Trauma Pt. I

Moderator(s): Jesse Bible, MD; Jefferson Wilson, MD

- 8:20pm-8:21pm **Introduction**
- 8:21pm-8:31pm **Management of The Octa- Or Nonagenarian in Nursing Home with Odontoid Fracture. What are my Treatment Considerations?**
Chris Kepler, MD
- 8:31pm-8:36pm **Discussion**
- 8:36pm-8:46pm **Role and Timing of Surgery in Acute Central Cord Syndrome Patient with a Stable Spine**
Alpesh Patel, MD, MBA
- 8:46pm-8:51pm **Discussion**
- 8:51pm-9:01pm **Hemodynamic Management of Cervical Spinal Cord Injury Patients: What Should We be Targeting?**
Brian K. Kwon, MD, PhD, FRCSC
- 9:01pm-9:06pm **Discussion**
- 9:06pm-9:16pm **Neuroprotective and Regenerative Options for Spinal Cord Injury In 2021 and 2031**
Michael G. Fehlings, MD, PhD, FRCS
- 9:16pm-9:21pm **Discussion**

Wednesday
12/1/2021

In-Person 5:00pm-5:37pm
&
On-Demand Dec. 6, 2021-Jan. 31, 2022

Cervical Trauma Pt. II

Moderator(s): *Jesse Bible, MD; Jefferson Wilson, MD*

- 5:00pm-5:02pm **Introduction**
- 5:02pm-5:07pm **Cervical Facet Dislocation: Closed Reduction Tips and Tricks**
Steven Ludwig, MD
- 5:07pm-5:12pm **Discussion**
- 5:12pm-5:20pm **DEBATE - Bilateral Cervical Facet Dislocation: Anterior Fixation is Best**
Brandon Lawrence, MD
- 5:20pm-5:28pm **DEBATE - Bilateral Cervical Facet Dislocation: Posterior Fixation is Best**
James Harrop, MD
- 5:28pm-5:37pm **Discussion**

Wednesday
12/1/2021

In-Person 5:37pm-6:12pm
&
On-Demand Dec. 6, 2021-Jan. 31, 2022

Tumor and Infection Pt. II

Moderator(s): *Sang Hun Lee, MD; Michael Gerling, MD*

- 5:37pm-5:49pm **Management of Recurrent Metastatic Cervical Tumors After Surgery/Radiation Therapy**
Daniel Sciubba, MD
- 5:49pm-6:01pm **Management & Avoidance of Surgical Complications (Anterior/Posterior Wound Complication, Mechanical Complication Etc.)**
Ziya Gokaslan, MD
- 6:01pm-6:12pm **Discussion**

Wednesday
12/1/2021

In-Person 6:12pm-6:47pm
&
On-Demand Dec. 6, 2021-Jan. 31, 2022

Basic Principles of Cervical Deformity, Pearls and Pitfalls

Moderator(s): *Themistocles Protopsaltis, MD; Thomas Mroz, MD*

- 6:12pm-6:20pm **Importance of Global Alignment: Which Measurements are Key?**
Jason Savage, MD
- 6:20pm-6:28pm **DEBATE (Battle of CSRS Presidents) - Managing Subaxial Cervical Kyphosis: Anterior Osteotomies with A/P**

Approach is Best

K. Daniel Riew, MD

6:28pm-6:36pm **DEBATE (Battle of CSRS Presidents) - Managing Subaxial Cervical Kyphosis: Posterior Only Osteotomies are Best; Why Go in the Front at All?**

Darrell Brodke, MD

6:36pm-6:47pm **Discussion**

Wednesday
12/1/2021

In-Person 6:47pm-7:22pm

&
On-Demand Dec. 6, 2021-Jan. 31, 2022

Degenerative Pt. II

Moderator(s): Paul Arnold, MD; Charles Crawford, MD

6:47pm-6:58pm **DEBATE - Multi-Level Cervical Myelopathy: Laminoplasty is the Preferred Approach**

Zoher Ghogawala, MD

6:58pm-7:09pm **DEBATE - Multi-Level Cervical Myelopathy: Laminectomy and Fusion is the Preferred Approach**

Steven Ludwig, MD

7:09pm-7:22pm **Discussion**