

CSRS 21st Instructional Course

Cervical Trauma –

Radiculopathy, Top Papers, Myelopathy and Tumors/Deformity/Challenging Cases

7:20 – 7:30 am Welcome and Introduction ~ Louis G. Jenis, MD

SESSION I: BASICS OF CERVICAL TRAUMA

Moderator: Louis G. Jenis, MD

7:30 – 7:40 am [Pre-hospital Management / Management in Emergency Room](#) ~ Peter G. Whang, MD

7:40 – 7:50 am [In Spinal Cord Compromised Patient – “Why I Always Give Steroids”](#) ~ Michael C. Gerling, MD

7:50 – 8:00 am [“Why I Never Give Steroids”](#) ~ Jason W. Savage, MD

8:00 – 8:15 am Discussion

CERVICAL TRAUMA CONTROVERSIES

Moderator: Louis G. Jenis, MD

8:15 – 8:25 am [Subaxial Trauma – Surgical Decision Making](#) ~ Eric Truumees, MD

8:25 – 8:35 am [Central Cord Syndrome in the Elderly Patient – “Early Surgery is Better”](#) ~ Alpesh A. Patel, MD

8:35 – 8:45 am [“Delayed Surgery is Better”](#) ~ Louis G. Jenis, MD

8:45 – 8:55 am [Cervical Spine Injury in Athletes](#) ~ Srdjan Mirkovic, MD

8:55 – 9:05 am Upper Cervical Spine Injuries in Elderly ~ Robert A. Hart, MD

9:05 – 9:30 am Discussion

9:30 – 9:50 am Break

SESSION II: CERVICAL RADICULOPATHY

Moderator: Samuel K. Cho, MD

9:50 – 9:55 am Single-Level Radiculopathy – Case Presentation

9:55 – 10:05 am [ACDF: “It’s Proven, It Works”](#) ~ Stuart H. Hershman, MD

10:05 – 10:15 am [Artificial Disc: “It Works BETTER than ACDF”](#) ~ Pierce D. Nunley, MD

10:15 – 10:25 am [Foraminotomy: “This is a Non-fusion Procedure that can Still be Very Effective”](#) ~ Jong Beom Park, MD

10:25 – 10:35 am Discussion

10:35 – 10:40 am Two-level Disease – Case Presentation

10:40 – 10:50 am [ACDF: “It’s Proven, It Works”](#) ~ Clifford B. Tribus, MD

10:50 – 11:00 am [Artificial Disc: “This is Superior. Just Read the Papers”](#) ~ Praveen Mummeneni, MD

11:00 – 11:10 am [Hybrid: “Let’s Compromise and Get the Best of Both Worlds”](#) ~ Joseph R. O’Brien, MD

11:10 – 11:15 am Three More Level Disease – Case Presentation

11:15 – 11:25 am [Multi-level ACDF or ACF/ACDF Combo: “The Pathology is in the Front and Patients Tolerate Anterior Much Better than Posterior”](#) ~ Philippe Bancel, MD

11:25 – 11:35 am [Laminectomy/Fusion: “Posterior is Safer and More Predictable”](#) ~ Steven C. Ludwig, MD

11:35 – 11:45 am [Laminoplasty/Foraminotomy: “Why Fuse the Spine at all?”](#) ~ Christopher I. Shaffrey, MD

11:45 am – 12:00 pm Discussion

12:00 – 1:00 pm Lunch ~ Metropolitan Ballroom

SESSION III: BEST PAPERS

Moderator: Praveen V. Mummaneni, MD

1:00 – 1:08 pm [Laminoplasty vs. Laminectomy and Fusion to Treat Cervical Spondylotic Myelopathy: Outcomes of the Prospective Multicenter AOSpine North America and International CSM Studies](#) ~ Carlo Santaguida, MD

1:08 – 1:16 pm [Is Preoperative Duration of Symptoms a Significant Predictor of Functional Status and Quality of Life Outcomes in Patients Undergoing Surgery for the Treatment of Degenerative Cervical Myelopathy?](#) ~ Lindsay A. Tetreault, HBSc

1:16 – 1:24 pm [Cost Utility Analysis of Anterior Cervical Discectomy and Fusion for Degenerative Spine Disease in Elderly Population](#) ~ Ahilan Sivaganesan, MD

1:24 – 1:32 pm Cost Effectiveness of Operative vs. Non-Operative Treatment of Geriatric Type-II Odontoid Fracture

1:32 – 1:40 pm [Seven-Year Cost-Effectiveness of Cervical Disc Replacement vs. Anterior Cervical Discectomy and Fusion – Results from Investigational Device Exemption and Post-Approval Studies of ProDisc®-C Total Disc Replacement](#) ~ Jack E. Zigler, MD

1:40 – 2:00 pm Discussion

SESSION IV: CERVICAL MYELOPATHY

Moderator: Darren R. Lebl, MD

2:00 – 2:10 pm [Clinical Evaluation and HRQOL Measures – Which are Most Clinically Useful?](#) ~ Howard Moses, MD

2:10 – 2:20 pm [Imaging of Myelopathy](#) ~ Timothy A. Garvey, MD

2:20 – 2:30 pm [Surgical Indications & Technique – Anterior Cervical Decompression and Fusion \(ACDF\) / Anterior Cervical](#)

Corpectomy and Fusion (ACCF) ~ Alan S. Hilibrand, MD

2:30 – 2:40 pm [Surgical Indications & Technique – Laminectomy and Fusion](#) ~ Jason C. Eck, MD

2:40 – 2:50 pm [Surgical Indications & Technique – Laminoplasty](#) ~ John G. Heller, MD

2:50 – 3:05 pm Case Presentations and Discussion

3:05 – 3:30 pm Break

SESSION V: TUMORS/DEFORMITY/CHALLENGING CASES

Moderator: Michael D. Daubs, MD

3:30 – 3:40 pm [Currently Accepted Radiographic Measurements of Cervical Deformity](#) ~ Themistocles S. Protopsaltis, MD

3:40 – 3:50 pm Cervical Deformity and HRQL Patient Reported Outcomes ~ Roberto Assietti, MD

3:50 – 4:00 pm [Surgical Treatment Options for Cervical Deformity](#) ~ Christopher P. Ames, MD

4:00 – 4:10 pm Common Tumors of the Cervical Spine and Surgical Treatment Strategies ~ Ziya Gokaslan, MD

4:10 – 4:30 pm Case Presentations and Discussion

4:30 pm Adjourn

4:30 – 6:00 pm Faculty Appreciation Reception ~ Frontenac Ballroom Foyer