

## CSRS Hands-on Surgical Techniques Course for Senior Residents & Fellows

July 18-20, 2024

*\*schedule subject to change*

### Thursday, July 18, 2024

11:00:00 AM	12:00:00 PM	Registration & Lunch
		<b>Session 1</b>
12:00:00 PM	12:05:00 PM	Introduction and Welcome
12:05:00 PM	12:20:00 PM	Anterior Cervical Approach with focus on C2-3 and C7-T1
12:20:00 PM	12:35:00 PM	Anterior Cervical Decompression: Discectomy and Corpectomy-Uncinate Resection. Anterior Osteotomy
12:35:00 PM	12:50:00 PM	Anterior Cervical Fusion and Plating techniques: Avoiding ALOD, Length of screws, different plate types
12:50:00 PM	1:05:00 PM	Transoral Approach
1:05:00 PM	1:25:00 PM	Discussion
1:25:00 PM	1:40:00 PM	C1-2 posterior fusion: Lateral Mass Screws C1 and C2 Pedicle, Pars, Translaminar screws
1:40:00 PM	1:55:00 PM	Subaxial Cervical Pedicle and Lateral Mass Screw Fixation
1:55:00 PM	2:10:00 PM	Occipital Fixation-including Condyle screws
2:10:00 PM	2:25:00 PM	Cervical Arthroplasty: Indications vs Fusion, Results, Currently Available Products
2:25:00 PM	2:40:00 PM	Laminoplasty
2:40:00 PM	2:55:00 PM	Cervical Pedicle Subtraction Osteotomy (PSO) for Chin-on-chest Kyphotic Deformity
2:55:00 PM	3:15:00 PM	Discussion
3:15:00 PM	3:30:00 PM	Break
		<b>Session 2</b>
3:30:00 PM	3:45:00 PM	Vertebral Artery Exposure and control: Anterior approach
3:45:00 PM	4:00:00 PM	Vertebral Artery Exposure and control: Posterior Occipitocervical Junction (C2-O)
4:00:00 PM	4:15:00 PM	Emergent Airway control after Anterior Cervical Procedures (Cricothyroidotomy)
4:15:00 PM	4:30:00 PM	Discussion
		<b>Case Presentations</b>
4:30:00 PM	4:40:00 PM	Case presentation #1 & Discussion
4:40:00 PM	4:50:00 PM	Case presentation #2 & Discussion
4:50:00 PM	5:00:00 PM	Case presentation #3 & Discussion
5:00:00 PM	6:00:00 PM	<b>Attendee/Faculty Roundtables &amp; Reception</b>
6:00:00 PM	6:15:00 PM	Attendee/Faculty Bus runs from Indiana Spine Group to Renaissance Hotel
7:00:00 PM	9:00:00 PM	<b>Possible Attendee/Faculty Industry Sponsored Dinner</b>

### Friday, July 19, 2024

7:15:00 AM	7:45:00 AM	Attendee/Faculty Bus runs from Renaissance Hotel to Indiana Spine Group
7:15:00 AM	8:00:00 AM	Breakfast
		<b>Session 3</b>
8:00:00 AM	8:15:00 AM	How to use an Operating Microscope in the Cervical Spine
8:15:00 AM	8:30:00 AM	Interbody Implants

8:30:00 AM	8:45:00 AM	Posterior Cervical Laminoforaminotomy
8:45:00 AM	9:00:00 AM	Break/Transition to Lab Attire
		<b>Lab 1</b>
9:00:00 AM	12:00:00 PM	Anterior (Tables 1-4) - Anterior Cervical Anatomy Review and Approach, Anterior Discectomy, ACDF, Anterior Foraminotomy, Uncinate Resection, Exposure of the Vertebral Artery, Dissection of Hypoglossal, Glossopharyngeal, Recurrent Laryngeal, Superior Laryngeal Nerves, Digastric Muscle, Cricothyroidotomy, Transoral Resection, Anterior Corpectomy and Fusion reconstruction, Arthroplasty, Anterior Osteotomy, Manubrium resection for exposure of Anterior Upper Thoracic Spine
		Posterior (Tables 5-8) - Dural Repair, Laminoplasty, Posterior Lamino-Foraminotomy, C1 Lateral Mass, C2 Fixation, C3-7 Lateral Mass Screws, C7-T3 Pedicle Screws, Posterior Cervical Pedicle Subtraction Osteotomy (PSO), Occipital Fixation including Condyle Screws, Posterior Cervical Pedicle Subtraction Osteotomy (PSO), Occipital Fixation including Condyle Screws
12:00:00 PM	12:15:00 PM	<b>Lunch</b>
12:15:00 PM	12:45:00 PM	Pro dissection live in lab & video simulcast during lunch
		<b>Lab 2</b>
12:45:00 PM	3:45:00 PM	Anterior (Tables 5-8) - Anterior Cervical Anatomy Review and Approach, Anterior Discectomy, ACDF, Anterior Foraminotomy, Uncinate Resection, Exposure of the Vertebral Artery, Dissection of Hypoglossal, Glossopharyngeal, Recurrent Laryngeal, Superior Laryngeal Nerves, Digastric Muscle, Cricothyroidotomy, Transoral Resection, Anterior Corpectomy and Fusion reconstruction, Arthroplasty, Anterior Osteotomy, Manubrium resection for exposure of Anterior Upper Thoracic Spine
		Posterior (Tables 1-4) Dural Repair, Laminoplasty, Posterior Lamino-Foraminotomy, C1 Lateral Mass, C2 Fixation, C3-7 Lateral Mass Screws, C7-T3 Pedicle Screws, Posterior Cervical Pedicle Subtraction Osteotomy (PSO), Occipital Fixation including Condyle Screws, Posterior Cervical Pedicle Subtraction Osteotomy (PSO), Occipital Fixation including Condyle Screws
3:45:00 PM	4:00:00 PM	<b>Break</b>
		<b>Case Presentations</b>
4:00:00 PM	4:10:00 PM	Case presentation #4 & Discussion
4:10:00 PM	4:20:00 PM	Case presentation #5 & Discussion
4:20:00 PM	4:30:00 PM	Case presentation #6 & Discussion
		<b>Session 4</b>
4:30:00 PM	4:50:00 PM	C5 Palsy
4:50:00 PM	5:05:00 PM	Dysphagia
5:05:00 PM	5:20:00 PM	Anterior Cervical Nonunion: Avoidance, treatment, long term results
5:20:00 PM	5:30:00 PM	Discussion
5:30:00 PM	6:30:00 PM	<b>Reception</b>
6:15:00 PM	6:45:00 PM	Attendee/Faculty Bus runs from Indiana Spine Group to Renaissance Hotel

6:30:00 PM	8:30:00 PM	Attendee Open Evening
7:30:00 AM		Faculty bus departs for dinner from Renaissance
8:00:00 PM	10:00:00 PM	Faculty Dinner
<b>Saturday, July 20, 2024</b>		
7:15:00 AM	7:45:00 AM	Attendee/Faculty Bus runs from Renaissance Hotel to Indiana Spine Group
7:30:00 AM	8:00:00 AM	Breakfast
		<b>Session 5</b>
8:00:00 AM	8:15:00 AM	The Dislocated Subaxial C-Spine: Reduce first or MRI first?
8:15:00 AM	8:30:00 AM	Hangman's Fracture: A guide to surgical indications and "How to Treat"
8:30:00 AM	8:45:00 AM	Geriatric odontoid fractures-when and how to fix?
8:45:00 AM	8:55:00 AM	Discussion
		<b>Case Presentations</b>
8:55:00 AM	9:05:00 AM	Case presentation #7 & Discussion
9:05:00 AM	9:15:00 AM	Case presentation #8 & Discussion
9:15:00 AM	9:25:00 AM	Case presentation #9 & Discussion
9:25:00 AM	10:55:00 AM	<b>Lab 3: Open Lab</b>
10:55:00 AM	11:00:00 AM	Departures