

CSRS Hands-on Surgical Techniques Course for Residents & Fellows
July 20-22, 2023

Thursday, July 20, 2023

11:00:00 AM	12:00:00 PM	Registration & Lunch	
		Session 1	Rick Sasso
12:00:00 PM	12:05:00 PM	Introduction and Welcome	Rick Sasso
12:05:00 PM	12:20:00 PM	Anterior Cervical Approach with focus on C2-3 and C7-T1	Michael Daubs
12:20:00 PM	12:35:00 PM	Anterior Cervical Decompression: Discectomy and Corpectomy-Uncinate Resection. Anterior Osteotomy	Bruce Darden
12:35:00 PM	12:50:00 PM	Anterior Cervical Fusion and Plating techniques: Avoiding ALOD, Length of screws, different plate types	John Rhee
12:50:00 PM	1:05:00 PM	Transoral Approach	Andrew Dailey
1:05:00 PM	1:25:00 PM	Discussion	All Faculty
1:25:00 PM	1:40:00 PM	C1-2 posterior fusion: Lateral Mass Screws C1 and C2 Pedicle, Pars, Translaminar screws	Michael McCarthy
1:40:00 PM	1:55:00 PM	Subaxial Cervical Pedicle and Lateral Mass Screw Fixation	Alpesh Patel
1:55:00 PM	2:10:00 PM	Occipital Fixation-including Condyle screws	Vincent Traynelis
2:10:00 PM	2:25:00 PM	Cervical Arthroplasty: Indications vs Fusion, Results, Currently Available Products	Vincent Traynelis
2:25:00 PM	2:40:00 PM	Laminoplasty	Chris Shaffrey
2:40:00 PM	2:55:00 PM	Cervical Pedicle Subtraction Osteotomy (PSO) for Chin-on-chest Kyphotic Deformity	Bradford Currier
2:55:00 PM	3:15:00 PM	Discussion	All Faculty
3:15:00 PM	3:30:00 PM	Break	
		Session 2	Vincent Traynelis
3:30:00 PM	3:45:00 PM	Vertebral Artery Exposure and control: Anterior approach	Thomas Zdeblick
3:45:00 PM	4:00:00 PM	Vertebral Artery Exposure and control: Posterior Occipitocervical Junction (C2-O)	Michael Daubs
4:00:00 PM	4:15:00 PM	Emergent Airway control after Anterior Cervical Procedures (Cricothyroidotomy)	Rick Sasso
4:15:00 PM	4:30:00 PM	Discussion	
		Case Presentations	John Rhee
4:30:00 PM	4:40:00 PM	Case presentation #1 & Discussion: Posterior Approach to Myelopathy	Brian Handal
4:40:00 PM	4:50:00 PM	Case presentation #2 & Discussion: Anterior Approach to Myelopathy	Erik Gerlach
4:50:00 PM	5:00:00 PM	Case presentation #3 & Discussion: Anterior/Posterior Approach to Myelopathy	Brandon Petrone
5:00:00 PM	6:30:00 PM	Attendee/Faculty Roundtables & Reception	
6:15:00 PM	6:45:00 PM	Attendee/Faculty Bus runs from Indiana Spine Group to Renaissance Hotel	
7:30:00 PM	9:30:00 PM	Attendee/Faculty Dinner Sponsored by Medtronic	Renaissance Hotel

Friday, July 21, 2023

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	
		Session 3	John Rhee
8:00:00 AM	8:15:00 AM	How to use an Operating Microscope in the Cervical Spine	Chris Shaffrey
8:15:00 AM	8:30:00 AM	Interbody Implants	Andrew Dailey
8:30:00 AM	8:45:00 AM	Posterior Cervical Laminoforaminotomy	Neill Wright
8:45:00 AM	9:00:00 AM	Break/Transition to Lab Attire	
		Lab 1	

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	Lunch	
12:15:00 PM	12:45:00 PM	Pro dissection live in lab & video simulcast during lunch	
		Lab 2	
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	Break	
		Case Presentations	John Rhee
4:00:00 PM	4:10:00 PM	Case presentation #4 & Discussion: Complex Deformity	Quante Singleton
4:10:00 PM	4:20:00 PM	Case presentation #5 & Discussion: Cervical Epidural Abscess	Grace Xiong
4:20:00 PM	4:30:00 PM	Case presentation #6 & Discussion: Decompression in the Obese	Michael Moore
		Session 4	Michael Daubs
4:30:00 PM	4:50:00 PM	C5 Palsy	Thomas Zdeblick
4:50:00 PM	5:05:00 PM	Dysphagia	Bruce Darden
5:05:00 PM	5:20:00 PM	Anterior Cervical Nonunion: Avoidance, treatment, long term results	Bradford Currier
5:20:00 PM	5:30:00 PM	Discussion	All Faculty
5:30:00 PM	6:30:00 PM	Attendee/Faculty/Industry Reception	
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	Anthony's
Saturday, July 22, 2023			
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	
		Session 5	Alpesh Patel
8:00:00 AM	8:15:00 AM	The Dislocated Subaxial C-Spine: Reduce first or MRI first?	Barrett Boody
8:15:00 AM	8:30:00 AM	Hangman's Fracture: A guide to surgical indications and "How to Treat"	Alpesh Patel
8:30:00 AM	8:45:00 AM	Geriatric odontoid fractures-when and how to fix?	Thomas Zdeblick
8:45:00 AM	8:55:00 AM	Discussion	All Faculty
		Case Presentations	Neill Wright

8:55:00 AM	9:05:00 AM	Case presentation #7 & Discussion: Cervical Trauma - Pillar Fracture	Tej Azad
9:05:00 AM	9:15:00 AM	Case presentation #8 & Discussion: Cervical Trauma - Bilateral Facet Fracture-Dislocation	Elise Yoon
9:15:00 AM	9:25:00 AM	Case presentation #9 & Discussion: Cervical Trauma - Odontoid Fracture with Complications	Nicole Look
9:25:00 AM	10:55:00 AM	Lab 3: Open Lab	All Faculty
10:55:00 AM	11:00:00 AM	Departures	