



HANDS-ON SURGICAL TECHNIQUES COURSE

July 21-23, 2022 | Carmel, Indiana

| Thursday, July 21, 2022 | | |
|-------------------------|---|---------------------------------------|
| 11:00am | <i>Registration & Lunch</i> | |
| 12:00pm | <i>Introduction and Welcome</i> | Vince Traynelis, MD Rick Sasso, MD |
| 12:15pm | Anterior Cervical Approach with focus on C2-3 and C7-T1 | James Harrop, MD |
| 12:30pm | Anterior Cervical Decompression: Discectomy and Corpectomy-Uncinate Resection. Anterior Osteotomy | Bruce Darden, II, MD |
| 12:45pm | Anterior Cervical Fusion and Plating techniques: Avoiding ALOD, Length of screws, different Plate types | John Rhee, MD |
| 1:00pm | Transoral Approach | Andrew Dailey, MD, FAANS |
| 1:15pm | Discussion with Faculty | |
| 1:30pm | C1-2 posterior fusion: Lateral Mass Screws C1 and C2 Pedicle, Pars, Translaminar screws | Rick Sasso, MD |
| 1:45pm | Subaxial Cervical Pedicle and Lateral Mass Screw Fixation | Paul Anderson, MD |
| 2:00pm | Occipital Fixation-including Condyle screws | Vincent Traynelis, MD |
| 2:15pm | Cervical Arthroplasty: Indications vs Fusion, Results, Currently Available Products | Vincent Traynelis, MD |
| 2:30pm | Laminoplasty | Christopher Shaffrey, MD |
| 2:45pm | Cervical Pedicle Subtraction Osteotomy (PSO) for Chin-on-chest Kyphotic Deformity | Bradford Currier, MD |
| 3:00pm | Discussion with Faculty | |
| 3:15pm | <i>Break</i> | |
| 3:30pm | Vertebral Artery Exposure and control: Anterior approach | Thomas Zdeblick, MD |
| 3:45pm | Vertebral Artery Exposure and control: Posterior Occipitocervical Junction (C2-O) | James Harrop, MD |
| 4:00pm | Emergent Airway control after Anterior Cervical Procedures (Cricothyroidotomy) | Rick Sasso, MD |
| 4:45pm | Case Presentations | John Rhee, MD |
| 5:45 – 7:00pm | <i>Welcome Reception</i> | |

MAC Auditorium

MAC Lobby

MAC Lab

Cervical Spine and Research Society Hands On Surgical Techniques Course: Cervical Spine Decompression & Stabilization Techniques July 21-23, 2022

| Friday, July 22, 2022 | | | |
|-----------------------|---|---|-------------|
| 7:00am | <i>Continental Breakfast & Company Displays</i> | | |
| 7:30am | How to use an Operating Microscope in the Cervical Spine | Christopher Shaffrey, MD | |
| 7:45am | Interbody Implants | Andrew Dailey, MD, FAANS | |
| 8:00am | Posterior Cervical Laminoforaminotomy | Frank Eismont, MD | |
| 8:15am | <i>Break / Transition to Lab Attire</i> | | |
| 8:30am | Lab 1 Anterior | 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 | All Faculty |
| | Lab 1 Posterior | Dural Repair, Laminoplasty, Posterior Lamino-Foraminotomy, C1 Lateral Mass, C2 Fixation, C3-7 Lateral Mass Screws, C7-T3 Pedicle Screws | |
| 11:30am | <i>Grab Lunch in lobby and meet in auditorium for working lunch</i> | | |
| 11:45am | Case Presentations | John Rhee, MD | |
| 12:15pm | Lab 2 - Same as Lab 1 with specimens flipped - anterior to posterior; posterior to anterior | | |
| 3:00pm | C5 Palsy | Thomas Zdeblick, MD | |
| 3:15pm | Dysphagia | Bruce Darden, II, MD | |
| 3:30pm | Anterior Cervical Nonunion: Avoidance, treatment, long term results | Bradford Currier, MD | |
| 3:45pm | Lab 3 Anterior | Anterior Osteotomy, Manubrium resection for exposure of Anterior Upper Thoracic Spine | All Faculty |
| | Lab 3 Posterior | Posterior Cervical Pedicle Subtraction Osteotomy (PSO), Occipital Fixation including Condyle Screws | |
| 4:45pm | <i>Break & Company Displays</i> | | |
| 5:00pm | Lab 4 Anterior | Anterior Osteotomy, Manubrium resection for exposure of Anterior Upper Thoracic Spine | All Faculty |
| | Lab 4 Posterior | Posterior Cervical Pedicle Subtraction Osteotomy (PSO), Occipital Fixation including Condyle Screws | |
| 6:00-7:00pm | <i>Wine and Cheese Reception – Dinner on your own</i> | | |

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**Cervical Spine and Research Society Hands On Surgical Techniques Course:
Cervical Spine Decompression & Stabilization Techniques
July 21-23, 2022**

| Saturday, July 23, 2021 | | |
|-------------------------|--|---------------------|
| 7:30am | <i>Continental Breakfast</i> | |
| 8:00am | The Dislocated Subaxial C-Spine: Reduce first or MRI first? | Frank Eismont, MD |
| 8:15am | Hangman's Fracture: A guide to surgical indications and "How to Treat" | Paul Anderson, MD |
| 8:30am | Geriatric odontoid fractures-when and how to fix? | Thomas Zdeblick, MD |
| 8:45am | Case Presentations | John Rhee, MD |
| 9:30am | <i>Break</i> | |
| 9:45am | Lab 5 - Open lab time | All Faculty |
| 11:45am | <i>Adjourn / Box Lunches</i> | |

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