



**2nd Annual Image Guided Interventional
Spine Procedures Course**
Saturday, May 13, 2023

6:30 a.m. **Registration & Breakfast**

7 a.m. **Welcome & Introduction**
Douglas P. Beall, M.D., Ramana Naidu, M.D.

SECTION 1: POSTERIOR ELEMENTS

7:05 a.m. **Live Demonstration Broadcast from BioSkills Lab No. 1**
Radiofrequency Ablation
Tyler Phillips, M.D.
Objectives:

- Demonstrate radiofrequency ablation
- Provide pearls for radiofrequency ablation
- Outline the limitations of radiofrequency ablation

7:35 a.m. **Q & A**

7:40 a.m. **Live Demonstration Broadcast from BioSkills Lab No. 2**
Interspinous Decompression Spacers
Ramana Naidu, M.D.
Objectives:

- Demonstrate interspinous decompression spacers
- Provide pearls of interspinous decompression spacers
- Outline the limitations of interspinous decompression spacers

8:10 a.m. **Q & A**

8:15 a.m. **Posterior Elements: Barriers to Credentialing, Coding, and Reimbursement**
Ramana Naidu, M.D.
Objectives:

- Outline coding pearls for posterior elements procedures

8:35 a.m. **Q & A**

8:40 a.m. **Live Demonstration Broadcast from BioSkills Lab No. 3a**
Advances in Spinal Cord Stimulation
Dan Nelson, M.D.
Objectives:

- Demonstrate advantages of different spinal cord stimulation technologies
- Outline limitations and pearls of spinal cord stimulation

9:00 a.m. **Live Demonstration Broadcast from BioSkills Lab No. 3b**
Advances in Spinal Cord Stimulation

Ramana Naidu, M.D.

Objectives:

- Demonstrate advantages of different spinal cord stimulation technologies
- Outline limitations and pearls of spinal cord stimulation

9:15 a.m. **Q & A**

9:20 a.m. **Break and Exhibits** (*not for CME credit*)

SECTION 2: INTRASPINAL ELEMENTS

9:30 a.m. **Live Demonstration Broadcast from BioSkills Lab No. 4**
SI Joint Fusion

Douglas Beall, M.D.

Objectives:

- Demonstrate SI-joint fusion
- Provide pearls for SI-joint fusion
- Outline the limitations of SI-joint fusion

10:00 a.m. **Q & A**

SECTION 3: ANTERIOR ELEMENTS

10:05 a.m. **Intradiscal Cellular Therapy**

Douglas P. Beall, M.D.

Objectives:

- Describe the background of regenerative technology for intradiscal procedures
- Outline the advantages and disadvantages of regenerative therapy for intradiscal procedures

10:25 a.m. **Q & A**

10:30 a.m. **Basivertebral Nerve Ablation: Intradiscal Procedure**

Ramana Naidu, M.D.

Objectives:

- Outline how vertebrogenic pain presents
- Describe the anatomy of the basivertebral nerve
- Explain the procedure for basivertebral nerve ablation

10:50 a.m. **Q & A**

10:55 a.m. **Live Demonstration Broadcast from BioSkills Lab No. 5**
Intrasept Procedure

Ramana Naidu, M.D.

Objectives:

- Describe how the Intracept System enables a physician to effectively target and ablate the basivertebral nerve to provide relief of vertebrogenic chronic lower back pain (CLBP)
- Explain a demonstration of how a physician uses the Intracept Access Instruments to create a path to the basivertebral nerve (BVN) and uses proprietary radiofrequency (RF) ablation technology to ablate the BVN

11:25 a.m. **Q & A**

11:30 a.m. **Intrathecal Drug Delivery: The Need For More Options**

John Hatheway, M.D.

Objectives:

- Determine the optimal dosing strategy for low-dosing intrathecal drug delivery
- Define the cost effectiveness of intrathecal drug delivery

11:50 a.m. **Q & A**

SECTION 4: OPTIMIZING SURGICAL TECHNIQUE & MAKING EXISTING SPINE SURGERIES LESS INVASIVE

11:55 a.m. **Live Demonstration Broadcast from BioSkills Lab No. 6
Latest Techniques in Vertebral Augmentation Side-by-Side**

Douglas P. Beall, M.D., & John Hatheway, M.D.

Objectives:

- Demonstrate the latest techniques in vertebral augmentation
- Provide pearls for vertebral augmentation
- Outline the limitations of vertebral augmentation

12:25 p.m. **Q & A**

12:30 p.m. **Lunch Break & Exhibits** (*not for CME credit*)

12:50 p.m. **Collaboration and Spine Care Principles**

Neal Shonnard, M.D. & Jens R. Chapman, M.D.

Objectives:

- Describe the essentials of successful collaboration
- Provide examples of successful collaboration

1:10 p.m. **Q & A**

1:15 p.m. **Minifying Existing Surgical Techniques: Barriers to Credentialing, Coding, and Reimbursement**

Douglas P. Beall, M.D.

Objectives:

- Explain the necessary qualifications for the purpose of obtaining procedural credentials at one's local facility
- Evaluate essential elements of a procedure for the purpose of ensuring proper code assignment

- Outline the differences between an open surgical technique and a minimally invasive or percutaneous technique as they apply to coding and reimbursement

1:35 p.m. **Q & A**

1:40 p.m. **Break, Exhibits & Change into Scrubs** (*not for CME credit*)

SECTION 5: HANDS-ON BIOSKILLS LAB

1:50 p.m. **Hands-On BioSkills Lab** (*30 minute rotations*)

All Faculty

1. SI Joint Fusion
2. Intracept procedure
3. Radiofrequency ablation
4. Vertebral augmentation
5. Kyphoplasty
6. Interspinous spacers

Objectives:

1. Practice the following techniques: interspinous decompression spacers, SI-joint fusion; radiofrequency ablation; vertebral augmentation; kyphoplasty; and Intracept procedure.

4:50 p.m. **Adjourn**

ESTEEMED FACULTY

Glen David, M.D.

Course Co-Chair

Pain Management & Physiatry
Director Interventional Spine
Swedish Neuroscience Institute
Seattle, Washington

Douglas P. Beall, M.D.

Course Co-Chair

Interventional Radiology
Chief of Radiology Services
Clinical Radiology of Oklahoma
Oklahoma City, Oklahoma

Ramana Naidu, M.D.

Course Co-Chair

Pain Physician & Anesthesiologist
California Orthopedics & Spine
Director of Pain Management Marin General Hospital
Director of Marin Specialty Surgery Center
Larkspur, California

Jens R. Chapman, M.D.

Complex Spine Surgeon
Swedish Neuroscience Institute
Seattle, Washington

John Hatheway, M.D.

Pain Management Specialist
Northwest Pain Care, Inc.
Spokane, Washington

Dan Nelson, M.D.

Interventional Pain Management Physician
Proliance Surgeons
Kirkland, Washington

Tyler Philips, M.D.

Interventional Spine & Pain Management
Radiology Family Medicine
Oklahoma City, Oklahoma

Neal H. Shonnard, M.D.

Orthopaedic Surgeon
Rainier Orthopedic Institute
Puyallup, Washington