



9th Annual Interventional Pain Management Fellows Course
November 11-12, 2022

FRIDAY, NOVEMBER 11, 2022
Lectures & Live Demonstrations

8 a.m. **Registration, Breakfast & Exhibits**

8:30 a.m. **Welcome & Introduction**

Glen David, M.D., Ramana Naidu, M.D., Douglas Beall, M.D.

8:35 a.m. **Overview and Updates in Neurostimulation**

Ramana Naidu, M.D.

- Spinal cord (dorsal column) stimulation
- Dorsal root ganglion stimulation
- Peripheral nerve stimulation
- Frequencies and waveforms

9:05 a.m. **Live Demonstration Broadcast from BioSkills Lab No. 1**
Spinal Cord Stimulation Trial Procedure

Jennifer Lee, M.D.

Moderator: Douglas Beall, M.D.

9:30 a.m. **Implant Techniques of Spinal Cord Stimulation & Dorsal Root Ganglion Systems**

Ramana Naidu, M.D.

9:45 a.m. **Live Demonstration Broadcast from BioSkills Lab No. 2**
Dorsal Root Ganglion Implantation Approaches & Trial Procedure Overview

Ramana Naidu, M.D.

Moderator: Glen David, M.D.

10:15 a.m. **Stem Cell Therapy for Discogenic Pain**

Daniel E. Nelson, M.D.

10:30 a.m. **Live Demonstration Broadcast from BioSkills Lab No. 3**
Intradiscal Injection

Douglas P. Beall, M.D.

Moderator: Glen David, M.D.

11 a.m. **Break & Exhibits**

11:15 a.m. **Live Demonstration Broadcast from BioSkills Lab No. 4**
Treatment of Low Back Pain with Basivertebral Nerve Ablation: A Percutaneous Approach to Treating Vertebrogenic Pain

Ramana Naidu, M.D.

Moderator: Douglas P. Beall, M.D.

11:45 a.m. **Lunch Break & Exhibits**

12:05 p.m. **Live Demonstration Broadcast from BioSkills Lab No. 5**
Vertebral Augmentation
Douglas P. Beall, M.D.
Moderator: Dan Nelson, M.D.

12:35 p.m. **Competitor or Collaborator? How to Work with Spine Surgeons to Maximize Patient Care**
Neal Shonnard, M.D.

12:50 p.m. **Live Demonstration Broadcast from BioSkills Lab No. 6**
Interspinous-Interlaminar Fusion Procedure
Douglas P. Beall, M.D.
Moderator: Glen David, M.D.

1:10 p.m. **Break & Exhibits**

1:20 p.m. **Live Demonstration Broadcast from BioSkills Lab No. 7**
Common Vertebral Augmentation Approaches plus Spine Jack & Balloon Case Kyphon Assist & Tumor Ablation Set Up
Douglas P. Beall, M.D.
Moderator: Ramana Naidu, M.D.

1:50 p.m. **Break & Exhibits**

2 p.m. **Live Demonstration Broadcast from BioSkills Lab No. 8**
Cooled RF for Joint Pain & Nimbus RF Technology
Ramana Naidu, M.D.
Moderator: Douglas P. Beall, M.D.

2:30 p.m. **Adjourn**

4:30-6:30 p.m. **Course Happy Hour: Optimism Brewing**
Sponsored by Boston Scientific

SATURDAY, NOVEMBER 12, 2022
Lectures, Live Demonstrations & Hand-on BioSkills Lab

8 a.m. **Breakfast, Exhibits & Change into Scrubs**

8:30 a.m. **Welcome & Daily Overview**
Glen David, M.D.

8:35 a.m. **Live Demonstration Broadcast from BioSkills Lab No. 9**
Cluneal Nerve PNS
Ramana Naidu, M.D.
Moderator: Glen David, M.D.

9 a.m. **Targeted Drug Delivery**
Ezell Askew, Jr., M.D.

9:15 a.m. **Live Demonstration Broadcast from BioSkills Lab No. 10**
Cervical & Lumbar Medial Branch Discussion and Neurotomy
Wilson Chang, M.D.
Moderator: Ramana Naidu, M.D.

9:45 a.m. **Hands-On BioSkills Lab (20 minute rotations)**
All Faculty

1. Spinal cord stimulator (implant)
2. Dorsal root ganglion (trial)
3. Spinal cord stimulation (trial)
4. Cervical medial branch neurotomy
5. Interspinous-interlaminar fusion
6. Vertebral augmentation (thoracic & lumbar)

11:45 a.m. **Break, Exhibits & Pick Up Lunch**

11:55 a.m. **Outcomes and Insights for US Spine Registries (working lunch)**
Neal H. Shonnard, M.D.

12:10 p.m. **Live Demonstration Broadcast from BioSkills Lab No. 11**
Sacroiliac Joint Fusion Devices
Douglas P. Beall, M.D.
Moderator: Ramana Naidu, M.D.

12:45 p.m. **Hands-On BioSkills Lab (20 minute rotations)**
All Faculty

1. Balloon kyphoplasty
2. Medial branch PNS
3. Lumbar medial branch neurotomy
4. Spine Jack (thoracic & lumbar)
5. Vertiflex spacer procedure
6. Spinal cord stimulation

2:45 p.m. **Course Wrap-Up**

3pm **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

Ezell Askew, Jr., M.D.

Interventional Radiology
Lodi Memorial Hospital
Lodi, California

Wilson Chang, M.D.

Physiatrist
Pain Medicine, Physical Medicine & Rehabilitation
Swedish Medical Center
Seattle, Washington

Jennifer M. Lee, M.D.

Board Certified in Pain Medicine &
Anesthesiology
EvergreenHealth Pain Care
Kirkland, Washington

Daniel E. Nelson, M.D.

Anesthesiologist
Proliance Surgeons
Seattle, Washington

Neal H. Shonnard, M.D.

Orthopaedic Surgeon
Rainier Orthopedic Institute
Puyallup, Washington