

2nd Annual Image Guided Interventional Spine Procedures Course

Saturday, May 13th, 2023

Syllabus

ESTEEMED FACULTY

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Agenda

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**

9:30 a.m.

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

SECTION 2: INTRASPINAL ELEMENTS

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**

- 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

1:15 p.m. Minifying Existing Surgical Techniques: Barriers to Credentialing, Coding, and Reimbursement Douglas P. Beall, M.D.

^{1:10} p.m. **Q & A**

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 procdure
- 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**

Acknowledgements

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Educational Grant

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Course Evaluation

Please take a moment to complete our online evaluation, which will be emailed to you. Your feedback helps to ensure the effectiveness of this CME activity, as well as improve future educational activities. All responses are considered anonymous. <u>https://www.surveymonkey.com/r/IGIS2023</u>

If you do not receive the survey via email, please call (206)732-6500 or email <u>cme@seattlesciencefoundation.org</u>.

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Identifying and Resolving Conflicts of Interest

Purpose: The information provided addresses several requirements of the ACCME to help **ensure purpose** in CME activities. Everyone in a position to control the content of a CME activity must disclose all relevant financial relationships with commercial interests to the CME provider. This information must be disclosed to participants prior to the beginning of the activity. Also, CME providers must resolve current conflicts of interest prior to the educational activity.

Definitions: "Financial relationships" are those relationships in which the individual benefits by receiving a salary, royalty, intellectual property rights, consulting fee, honoraria for promotional speakers' bureau, ownership interest (e.g., stocks, stock options or other ownership interest, excluding diversified mutual funds), or other financial benefit. Financial benefits are usually associated with roles such as employment, management position, independent contractor (including contracted research), consulting, speaking and teaching, membership on advisory committees or review panels, board membership, and other activities from which remuneration is received, or expected. ACCME considers relationships of the person involved in the CME activity to include financial relationships of a spouse or partner.

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CME Activity Planning Committee Members: I If a conflict of interest exists, the Planning Committee member must withdraw from the Planning Committee unless the conflict can be resolved. Resolution may be made by one of the following methods: (1) Peer review of CME content will be conducted at another oversight level to assure no commercial bias exists; (2) Change in focus of course so the activity does not include information related to products or services about which the planning committee member has a conflict; (3) Severing relationship(s) between the member and any related commercial interest; (4) Others to be determined by SSF CME Committee.

CME Activity Presenter: When a conflict of interest exists, the Planning Committee must address the conflict by one of the following methods: (1) Review content to be presented by speaker in advance to assure content balance; (2) Change topic so the presentation is not related to products or services where a conflict exists; (3) Select a different presenter without any related commercial interest; (4) Include presentations by other faculty to provide an overall balance to the content of the course; (5) Limit or specify the sources for recommendations that the presenter can use. Each speaker is required to give a balanced, evidence-based presentation based on published research. No conclusions or recommendations without external validation may be made by a speaker with a conflict of interest.

Faculty Disclosure Summary

The following planners and presenters, in the past 24 months, have/had a financial relationship with a commercial interest: (S = Speaker; P = Planner)

Douglas Beall, M.D. (S)(P): Consulting Fee: Medtronic, Inc., Spineology, Merit Medical, Johnson and Johnson, IZI, Techlamed, Peterson Enterprises, Medical Metrics, Radius Pharmaceuticals, Avanos, Boston Scientific Corporation, Sollis Pharmaceuticals, Simplify Medical, Stryker, Lenoss Medical, Spine BioPharma, Piramal, ReGel Tec, Nanofuse, Talosix, Spinal Simplicity, Pain Theory, Spark Biomedical, Micron Medical Corp, Bronx Medical, Smart Soft, Tissue Tech, Kahtnu Surgical, RayShield, Stayble, Thermaquil, Vivex, Stratus Medical, Genesys, Abbott, Eliquence, SetBone Medical, Amber Implants,

Contracted Research: Medtronic, Inc., Medical Metrics, Avanos, Relievant, Boston Scientific Corporation, Stryker, Sollis Pharmaceuticals, Simplify Medical, Lenoss Medical, Spine BioPharma, Eliem Therapeutics, Smart Soft, Tissue Tech, Vivex, Stratus Medical

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Royalty: IZI, Vivex

Jens R. Chapman, M.D. (S): Advisor: Globus Medical, Inc.

Speakers Bureau: DePuy Synthes, Medtronic, SeaSpine

Glen David, M.D. (S)(P): Consulting Fee: Medtronic, Merit Medical

Ramana Naidu, M.D. (S)(P): Speakers Bureau: Avanos, Abbott, Bioventus, Boston Scientific, SonoSite, Nalu, Omnia Medical, PainTEQ, Relievant, SPR Therapeutics

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Tyler Phillips, M.D. (S): Consulting Fee: Medtronic

Neal Shonnard, M.D. (S): Royalty: Globus Medical

Consulting Fee: Medtronic, Inc., Stryker

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Royalty: Globus Medical; Former Assistant Medical Director: SCOAP, Foundation for Healthcare Quality

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Gerrit Lewik, M.D. (P) Daniel Nelson, M.D. (S,P) Cory Kepler (P)

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