



บันทึกข้อความ

☒	การบริการ OPD	แพทย์
☒	การเรียน ปี 5	ขึ้นกระดานแพทย์
☒	การเรียน ปี 6	๖๖๖
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ส่วนงาน ภาควิชาออร์โธปิดิกส์ คณะแพทยศาสตร์ จุฬาลงกรณ์มหาวิทยาลัย โทร.4230, 4510

วันที่ 7 มกราคม 2563

เรื่อง ขออนุมัติเดินทางไปปฏิบัติงานต่างประเทศ

เรียน หัวหน้าภาควิชาออร์โธปิดิกส์

สิ่งที่ส่งมาด้วย 1. โปรแกรมงานประชุม

ตามที่ กระผม นายแพทย์วิชาญ ยิ่งศักดิ์มิ่งคล พนักงานมหาวิทยาลัยหมวดเงินอุดหนุน ตำแหน่ง รองศาสตราจารย์ A - 3 สังกัดภาควิชาออร์โธปิดิกส์ คณะแพทยศาสตร์ จุฬาลงกรณ์มหาวิทยาลัย มีความประสงค์ ขออนุมัติไปปฏิบัติงานต่างประเทศ เพื่อเข้าร่วมประชุมวิชาการ SIXTH ANNUAL ADVANCED LATERAL APPROACHES TO THE SPINE ณ เมืองซีแอตเทิล รัฐวอชิงตัน ประเทศสหรัฐอเมริกา ในวันที่ 15 กุมภาพันธ์ 2563 และ ประชุมวิชาการ NASS 16TH ANNUAL EVIDENCE + TECHNOLOGY SPINE SUMMIT ณ เมืองฟาร์คซิตี รัฐยูทาห์ ประเทศสหรัฐอเมริกา ในวันที่ 19 - 22 กุมภาพันธ์ 2563 การไปปฏิบัติงานดังกล่าวเป็นการพัฒนาและ เพิ่มพูนความรู้ทางการแพทย์ทางด้านออร์โธปิดิกส์สาขาระดูกสันหลัง เพื่อให้ทันต่อเทคโนโลยีที่เปลี่ยนแปลงไป รวมทั้งแลกเปลี่ยนความรู้ด้านวิชาการ ในการดูแลรักษาผู้ป่วยโรคกระดูกสันหลังระหว่างบุคลากรทางการแพทย์ ประเทศต่าง ๆ และสามารถนำมาใช้ดูแลรักษาผู้ป่วยให้มีคุณภาพดียิ่งขึ้น โดยขออนุมัติเดินทางไปปฏิบัติงานตั้งแต่วันที่ 13 กุมภาพันธ์ 2563 ถึงวันที่ 24 กุมภาพันธ์ 2563 ทั้งนี้ กระผม เป็นผู้รับผิดชอบค่าใช้จ่ายในการไปประชุมในครั้งนี้ทั้งหมด

อนึ่ง กระผม มีการลาพักผ่อนระหว่างการไปปฏิบัติงานดังกล่าว โดยมีรายละเอียดต่อไปนี้

[✓] ลาพักผ่อน ตั้งแต่วันที่ 16 - 18 กุมภาพันธ์ 2563 จำนวน 2 วันทำการ

จึงเรียนมาเพื่อโปรดพิจารณาอนุมัติและสั่งให้ไปปฏิบัติงานต่างประเทศด้วย จักขอบคุณยิ่ง

(รองศาสตราจารย์นายแพทย์วิชาญ ยิ่งศักดิ์มิ่งคล)

หมายเหตุ ระหว่างไปร่วมประชุมวิชาการ กระผมไม่มีการะงานสอนในช่วงวันดังกล่าว

ที่ อธ.11/2563

เรียน คณบดี คณะแพทยศาสตร์

เพื่อโปรดพิจารณาอนุมัติและดำเนินการต่อไปด้วย จักเป็นพระคุณยิ่ง

(รองศาสตราจารย์นายแพทย์ สมศักดิ์ คุปต์นิรติศกุล)

หัวหน้าภาควิชาออร์โธปิดิกส์

7 มกราคม 2563

เรื่องส่งออก	วันที่ ๗ ๘๖๖
ถึง	ศาสตราจารย์
ผู้รับ	วันที่ ๗/๑/๖๓

ADVANCED LATERAL APPROACHES TO THE SPINE

HANDS-ON DISSECTION COURSE

SEATTLE
WA

SATURDAY
FEB. 15, 2020

PROGRAM DIRECTORS

Juan S. Uribe, M.D.
Barrow Neurological Institute
Phoenix, Arizona

Rod J. Oskouian, M.D.
Swedish Neuroscience Institute
Seattle, Washington

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Spokane, Washington

Jana VanAmburg, M.D.
VanAmburg Surgery Care
Bend, Oregon

Cristiano Menezes, M.D.
Orthopedic Hospital / Life Center
Belo Horizonte, Brazil

BUILT BY PHYSICIAN, FOR PHYSICIANS

- NEW** Highlights this year include:
- * Developed in collaboration with SOLAS.
 - * Hands-On Dissection Course.
 - Lateral Deformity Correction
 - Percutaneous Fixation Techniques
 - Anterolateral L2-S1
 - L4/L5 Prepsos Approach
 - L4/L5 Transposas Approach
 - Prone Lateral
 - * Hot Topics in:
 - How Did We End Up Here?
 - Complication Avoidance
 - Complex Lateral and Anterolateral Approaches
 - Future Directions of Lateral Spine Surgery
 - * Five Live Surgical Demonstration

www.sstcme.org

PROGRAM

SATURDAY, FEBRUARY 15, 2020

7:30 a.m.	Breakfast & Registration	
7:55 a.m.	Welcome & Announcements	J. Uribe & R. Oskouian
Session 1: How Did We End Up Here?		
8 a.m.	Transpsoas Approaches to the Lateral Spine	L. Pimenta
8:30 a.m.	Prespsoas Approaches to the Lateral Spine	R. Hynes
9 a.m.	Live Demonstration Broadcast from BioSkills Lab No. 1 (Not Accredited) Single Position Multilevel Surgery Including L5/S1 (L3-S1)	A. Thomas & J. VanAmburg Moderator: J. Uribe
Session 2: Complication Avoidance		
9:30 a.m.	Neural Complication Avoidance	C. Menezes
10 a.m.	Potential Pitfalls of Anterior Spine Access	J. VanAmburg
10:30 a.m.	Break & Exhibits	
10:45 a.m.	Live Demonstration Broadcast from BioSkills Lab No. 2 (Not Accredited) Retropneural Approach to Thoracolumbar Spine for Corpectomies and Thoracic Disk Herniations	J. Uribe Moderator: L. Khoo
11:15 a.m.	Management of Interbody Space and Implants to Prevent Subsidence & Maximize Correction	L. Khoo
Session 3: Complex Lateral & Anterolateral Approaches		
11:45 a.m.	Circumferential MIS Deformity: When/How?	C. Menezes
12:15 p.m.	Break & Pick Up Lunch	
12:30 p.m.	Live Demonstration Broadcast from BioSkills Lab No. 3 (Not Accredited) Spine Surgeon Drive Approach to L5/S1 Lateral	W. Smith Moderator: C. Menezes
1 p.m.	Anterior Column Reconstruction: Indications, Complications & Technical Details	J. Uribe
1:30 p.m.	Spondylosis Grade II and Indirect Decompression	P. Park
2 p.m.	Live Demonstration Broadcast from BioSkills Lab No. 4 (Not Accredited) Anterior Column Release with MIS Posterior Osteotomy	R. Oskouian Moderator: J. Uribe
Session 4: Future Directions of Lateral Spine Surgery		
2:30 p.m.	Applications of Robotics in Lateral Spine Surgery	P. Park
3 p.m.	Posterior Lateral Approaches to the Spine: Indications & Limitations	L. Pimenta
3:30 p.m.	Live Demonstration Broadcast from BioSkills Lab No. 5 (Not Accredited) Prone Lateral Approach to the Lumbar Spine	A. Tohmeh Moderator: L. Pimenta
4 p.m.	Break & Transition into BioSkills Lab	
4:15 p.m.	Hands-on BioSkills Lab Practice the following procedures: • Lateral Deformity Correction • Percutaneous Fixation Techniques • Anterolateral L2-S1 • L4/L5 Prepsoas Approach • L4/L5 Transpsoas Approach • Prone Lateral	
5:45 p.m.	Adjourn	

COURSE INFORMATION

COURSE DESCRIPTION

Advanced Lateral Approaches to the Spine is targeted towards healthcare providers who treat surgical spinal conditions utilizing the lateral approach. As the lateral approach becomes a preferred technique for multiple spinal conditions, this course was created with a specialized focus on the application and hands-on implementation of the lateral approach. This course is designed to focus on the future of spine surgery and pros and cons of lateral surgery with the goal of improving patient care and outcomes.

COURSE OBJECTIVES

By attending this course, the participant will provide better patient care through an increased ability to:

- Recognize the risks and complications associated with the lateral approach.
- Describe methods for avoiding complications in the thoracolumbar spine.
- Identify how to avoid complications with the lateral approach.
- Outline patient selection and appropriateness of the lateral approach.

CME INFORMATION

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME). The Seattle Science Foundation is accredited by the ACCME to provide continuing medical education for physicians.

AMA PRA Category 1 Credits™

The Seattle Science Foundation designates this live activity for a maximum of 6.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

WHO SHOULD ATTEND?

The Advanced Lateral Approaches to the Spine conference is intended for neurosurgeons and orthopedic surgeons, both current and in training, who participate in the surgical care of patients with spinal conditions in the United States.

ACKNOWLEDGMENTS

This symposium is financially supported in part by educational grants in accordance with ACCME's Standards for Commercial Support. At the time of this printing, a complete listing of commercial supporters was not available. Appropriate acknowledgment will be given to all supporters at the time of the symposium.

LOCATION

The Seattle Science Foundation is located at 550 17th Avenue, James Tower, Suite 600 in Seattle, Washington. Parking is available in the garage on 16th Avenue between Cherry and Jefferson at a maximum fee of \$16.50. From I-5 (north and southbound), take the James Street exit. Travel east on James Street. James will become Cherry Street. Turn right (south) on 16th Avenue. Turn right into the main garage entrance.

AMERICANS WITH DISABILITIES ACT

The Seattle Science Foundation wishes to take proactive steps to ensure that no individual with a disability is excluded, segregated, denied services, or otherwise treated differently as a result of the absence of auxiliary aids and services. If you require any of the aids or services identified in the Americans with Disabilities Act in order to attend any SSF program, please contact the SSF Meeting Planning Office at (206) 732-6500.

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SEATTLE SCIENCE FOUNDATION

GRANT OPPORTUNITIES

FELLOWSHIP PROGRAM REUNION DINNERS

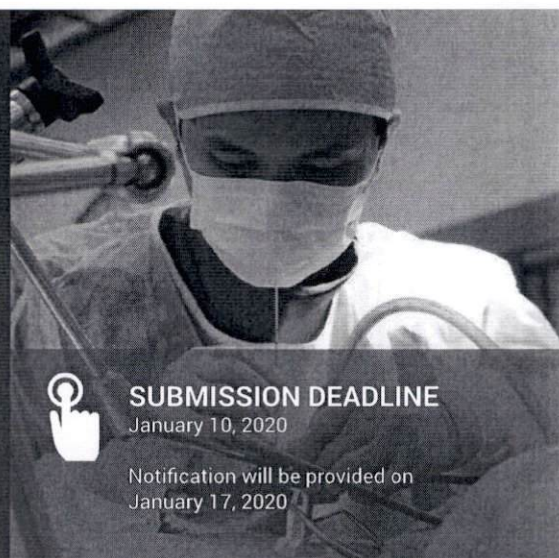
It's no secret that Seattle is a city with a wealth of incredible dining options, which makes it an ideal place to hold a Fellowship Program Reunion. Register at least six fellows or former fellows of your Fellowship Program, and your Program will receive a grant of \$125 per person towards a Fellowship Reunion Dinner in Seattle.¹

¹ Limited to fellows or former fellows, not spouses and/or other guests.

YOUNG SURGEONS - CALL FOR ABSTRACTS AND TRAVEL GRANT

Senior residents, fellows and surgeons who have been in practice for three or less years, are invited to submit abstract(s) for a poster presentation session.

Surgeons whose abstracts are selected will receive a \$500 grant for their travel expenses if they present their poster and attend the meeting. Abstracts can address any subject directly relevant to lateral spine surgery and must include title, authors, text of 400 words or less, and up to two images.



SUBMISSION DEADLINE

January 10, 2020

Notification will be provided on
January 17, 2020

QUESTIONS AND ABSTRACT SUBMISSIONS

Please email info@seattlencesciencefoundation.org or call (206) 732-6500.

www.ssfcmc.org

NASS 16TH ANNUAL EVIDENCE + TECHNOLOGY SPINE SUMMIT

February 19-22, 2020 · Park City, UT

Wednesday, February 19

3:00-6:30 p.m.

Kokopelli Lobby

Attendee and Guest Registration

Speaker Information Center

4:30-6:30 p.m.

Kokopelli II & III

Technical Exhibition

Après Ski Refreshments (5:00-6:30 p.m.)

5:00-6:30 p.m.

Kokopelli I

Joint Session:

Current State and Economic Impact of Allogeneic Cells as Fusion Adjuncts and Disc Regeneration

Moderators:

Patrick C. Hsieh, MD, MS and Scott Kreiner, MD

Agenda

- | | |
|-----------|--|
| 5:00-5:15 | Current Science and Evidence for Allogenic Stem Cells in Treatment of Degenerative Spine Disease
<i>Zorica Buser, PhD</i> |
| 5:15-5:30 | Regenerative Medicine and Stem Cell Clinics: Myth or Reality
<i>Allen S. Chen, MD, MPH</i> |
| 5:30-5:45 | Evidence for Intradiscal Biologic Treatments
<i>Byron J. Schneider, MD</i> |
| 5:45-6:00 | Current Clinical Evidence of Spine Fusion with Allogeneic Stem Cells
<i>John C. Liu, MD</i> |
| 6:00-6:15 | Is There Value in the Use of Allogeneic Stem Cells for Spine Fusions?
<i>Brandon D. Lawrence, MD</i> |
| 6:15-6:30 | Discussion, Questions and Answers |

Thursday, February 20

6:30-7:30 a.m.

Kokopelli II & III

Breakfast

6:30-10:30 a.m.

Kokopelli Lobby

Registration

Speaker Information Center

Kokopelli II & III
Technical Exhibition

7:00-7:05 a.m.

Kokopelli I

Welcome/Introduction

7:05-8:30 a.m.

Kokopelli I

Joint Session: Failed Back Syndrome: Is This Real?

Moderator: John G. DeVine, MD

Agenda

- | | |
|-----------|--|
| 7:05-7:20 | Failed Back Surgery Syndrome-What Is This?
<i>Sigurd H. Berven, MD</i> |
| 7:20-7:35 | The Work-up: Rule Everything Out First
<i>John C. France, MD</i> |
| 7:35-7:50 | Pitfalls in the Work-up and Treatment
<i>Gregory Grabowski, MD</i> |
| 7:50-8:05 | Non-invasive Treatment Strategies in FBSS
<i>Jerome Schofferman, MD</i> |
| 8:05-8:20 | Neuromodulation in FBSS
<i>Scott Kreiner, MD</i> |
| 8:20-8:30 | Discussion, Questions and Answers |

8:30-9:00 a.m.

Kokopelli I

Industry Innovation Presentations

Kokopelli II & III

Networking Break

9:00-10:30 a.m.

White Pine Ballroom

Medical Session: Interventional Treatment of Axial Low Back Pain

Moderator: David R. O'Brien, Jr., MD

Agenda

- | | |
|-------------|---|
| 9:00-9:05 | Introduction
<i>David R. O'Brien, Jr., MD</i> |
| 9:05-9:15 | Etiologies of Axial Low Back Pain
<i>David R. O'Brien, Jr., MD</i> |
| 9:15-9:30 | Facet Joint Blocks and Radiofrequency Ablation
<i>Byron J. Schneider, MD</i> |
| 9:30-9:45 | Discogenic LBP: PRP, Stem Cell and Ablation: Where Do Things Stand?
<i>David R. O'Brien, Jr., MD</i> |
| 9:45-10:00 | Basivertebral Nerve Ablation
<i>Scott Kreiner, MD</i> |
| 10:00-10:15 | Sacroiliac Joint Pain: Fusion vs. Radiofrequency Ablation
<i>Zachary McCormick, MD</i> |

10:15-10:30 Discussion, Questions and Answers

9:00-10:30 a.m.

Kokopelli I

Surgical Session: Overcoming Decision Making Biases in Spine Surgery

Moderator: Alpesh A. Patel, MD, FACS

Agenda

9:00-9:20 Surgeons are Human After All: Common Biases

Sigurd H. Berven, MD

9:20-9:40 Heuristics vs. Evidence-Based Decision Making

Alan S. Hilibrand, MD

9:40-10:00 Patient's Perspective on Shared Decision Making

Nick Spina, MD

10:00-10:20 Strategies to Overcome Bias: Seeking Quality and Consistency

Michael D. Daubs, MD

10:20-10:30 Discussion, Questions and Answers

10:30 a.m.-4:00 p.m.

BREAK

4:00 p.m.

Kokopelli II & III

Beverage Break

4:00-6:00 p.m.

Kokopelli Lobby

Registration

Speaker Information Center

Kokopelli II & III

Technical Exhibition

4:00-5:30 p.m.

Kokopelli I

Surgical Session: Robotics and Navigation in Complex and Minimally Invasive Spine Surgery

Moderator: Patrick C. Hsieh, MD, MS

Agenda

4:00-4:15 Why and How to Adopt Navigation and Robotics in Spine Surgery

JJ Abitbol, MD

4:15-4:30 Navigation and Image Guidance in Complex and Minimally Invasive Spine Surgery

John C. Liu, MD

4:30-4:45 Current Application of Robotics in Spine Surgery in 2020

Paul Park, MD

4:45-5:00 Where is the Future of Navigation and Robotics in Spine Surgery?

Wellington K. Hsu, MD

Surgical Debate:

- 5:00-5:10 Free-hand Technique and Conventional Surgical Treatment is Safe and Economical in Spine Surgery
Andrew T. Dailey, MD
- 5:10-5:20 Navigation and Robotics Improves Patient Safety and Cost-Effectiveness in Spine Surgery
Wellington K. Hsu, MD
- 5:20-5:30 Discussion, Questions and Answers

4:00-5:30 p.m.
White Pine Ballroom

Medical Session: Neuromodulation and Endoscopic Spine Procedures for the Interventionalist
Moderator: Scott Kreiner, MD

Agenda

- 4:00-4:15 Introduction; Evolution of Spinal Cord Stimulation: New Trends, Techniques and Lessons Learned
Scott Kreiner, MD
- 4:15-4:30 Cost Effectiveness in SCS
Graham Wagner, MD
- 4:30-4:45 DRG Stimulation
Shane Brogan, MD
- 4:45-5:05 Endoscopic Spine: Approaches and Indications
W. Evan Rivers, DO
- 5:05-5:20 Suggestions for the Responsible Training and Practice of Endoscopic Spine Surgeons
W. Evan Rivers, DO
- 5:20-5:30 Discussion, Questions and Answers

5:30-6:00 p.m.

Kokopelli I

Industry Innovation Presentations

Kokopelli II & III

Networking Break

Après Ski Refreshments

6:00-7:30 p.m.

Kokopelli I

Joint Session: Treatment of Lumbar Spine Disorders with Percutaneous Techniques: Endoscopy, Intracept® and Plasma Rich Protein (PRP)

Moderators: Brandon D. Lawrence, MD and Zachary McCormick, MD

Upon completion of this session, participants will gain strategies to:

- Recognize the current state of the different treatment strategies for symptomatic disc pathology;
- Identify potential advantages for implementing differing treatment algorithms for patients;
- Differentiate indications of various technology to incorporate into everyday practice.

Agenda

- 6:00-6:20 The Non-Operative Perspective on Endoscopic Discectomy: Case and Video Presentation
W. Evan Rivers, DO
- 6:20-6:40 The Operative Perspective on Endoscopic Discectomy: Case and Video Presentation
Michael C. Gerling, MD
- 6:40-7:00 Vertebroprogenic Pain: Diagnosis and Treatment with Basivertebral Nerve Ablation
Matthew Smuck, MD
- 7:00-7:20 Platelet Rich Plasma for the Treatment of Lumbosacral Discogenic Pain: State of the Evidence
Zachary McCormick, MD
- 7:20-7:30 Discussion, Questions and Answers

7:30-9:00 p.m.

Kokopelli II & III

Welcome Reception

Friday, February 21

6:30-7:30 a.m.

Kokopelli II & III

Breakfast

6:30-10:30 a.m.

Kokopelli Lobby

Registration

Speaker Information Center

Kokopelli II & III

Technical Exhibition

7:00-8:30 a.m.

Kokopelli I

Joint Session:

The Opioid Crisis: What Now?

Moderators:

Brandon D. Lawrence, MD and John G. DeVine, MD

Upon completion of this session, participants will gain strategies to:

- Understand the current opioid health crisis including use, abuse, overdose and death rates;
- Identify risk factors for opioid abuse and addiction and strategies for avoidance;
- Design optimal prescribing patterns/pre-intervention algorithms to optimize patient outcomes.

Agenda

- 7:00-7:15 Crisis Update: The Opioid Epidemic by the Numbers
Sigurd H. Berven, MD
- 7:15-7:30 Opioids Perspective and Practice: Who is at Risk for Addiction?
Jean Jacques Abitbol, MD
- 7:30-7:45 Pre-Intervention Pain Optimization; Is There a Role for Weaning Opioid Pain
TBD
- 7:45-8:00 Incorporating Alternative Peri-Operative Pain Control Options (Anti-Inflammatories, Neuromodulators, Erector Spinae Blocks)

8:00-8:15 *Nick Spina, MD*
Non-Operative Pain Management Control: Integrating Opioid Alternates into Routine Practice
TBD

8:15-8:30 Discussion, Questions and Answers

8:30-9:00 a.m.
Kokopelli I

Industry Innovation Presentations

Kokopelli II & III
Networking Break

9:00-10:30 a.m.
Kokopelli I

Surgical Session: **The Current State of Infection Management in Spine Surgery**
Moderator: Brandon D. Lawrence, MD

Upon completion of this session, participants will gain strategies to:

- Appropriately counsel patients presenting with epidural abscesses;
- Gain strategies to address complex spine reconstruction in patients with osteomyelitis;
- Prevent post-operative wound infections, optimizing modifiable risk factors;
- Know treatment of post-operative wound infection, role of vac assisted devices, antibiotics and hardware;
- Utilize disclosing agents for improving debridement techniques.

Agenda

9:00-9:15 Cervical Epidural Abscess
Nick Spina, MD

9:15-9:30 Strategies to Address Osteomyelitis/Discitis Presenting with Significant Deformity
Jim A. Youssef, MD

9:30-9:45 Optimizing Modifiable Risk Factors Prior to Spine Surgery to Prevent Infection
Jason W. Savage, MD

9:45-10:00 Post-Operative Wound Infection After Instrumented Spine Surgery: Optimizing Outcomes, Retention of Hardware and Vac Assisted Closure
Matt Colman, MD

10:00-10:15 Utilizing Disclosing Agents in Spine Surgery to Improve Outcomes
Jeremy Shaw, MD

10:15-10:30 Discussion, Questions and Answers

9:00-10:30 a.m.
White Pine Ballroom

Medical Session: **Injectable Biologics**
Moderator: Zachary McCormick, MD

Agenda

9:00-9:02 Introduction
Zachary McCormick, MD

9:02-9:25	Understanding the Basics of Biologics <i>Allen S. Chen, MD, MPH</i>
9:25-9:45	Injectable Biologics for Discogenic Pain: An Evidence Update <i>Byron J. Schneider, MD</i>
9:45-10:05	Platelet Rich Plasma Injection for Sacroiliac Joint Complex Pain: An Evidence Update <i>Zachary McCormick, MD</i>
10:05-10:25	Stem Cells for Disc Regeneration: Patient Selection and Healthcare Coverage <i>Zorica Buser, PhD</i>
10:25-10:30	Discussion, Questions and Answers

10:30 a.m.-4:00 p.m.

BREAK

4:00 p.m.

Kokopelli II & III

Beverage Break

4:00-5:00 p.m.

Kokopelli I

Joint Session: 2020 Advocacy Update

Moderator: Phillip L. Schneider, MD

Participants will receive an update on current legislative trends affecting health care policy in the 116th Congress and the 2020 elections, and gain an understanding of how both stand to affect NASS membership.

Participants will hear from U.S. Representative Tom Graves (GA-14) on Congressional health care priorities and how they will affect the future of health care delivery. Mr. Graves will also discuss efforts under way during the 116th Congress to modernize Congress to better allow for citizen advocacy.

Agenda

4:00-4:15	NASS Legislative Update, Prospects and Challenges in the 116th Congress
4:15-4:30	NASS Political Engagement Update: How to Ensure Your Voice is Heard in This Critical Election Year
4:30-5:00	Conversation with Rep. Tom Graves Mr. Graves (GA-14) ◆ Appropriations Labor-HHS Subcommittee ◆ Vice Chair on the Select Committee to Modernize Congress

4:00-6:30 p.m.

Kokopelli Lobby

Registration

Speaker Information Center

Kokopelli II & III

Technical Exhibition

5:00-5:30 p.m.

Kokopelli I

Industry Innovation Presentations

Kokopelli II & III
Networking Break
Après Ski Refreshments

5:30-7:00 p.m.

Kokopelli I

Surgical Session: **Adult Deformity Surgery: Who Needs It? Who Should Avoid It? Who's at Risk for Complications? Who's Amenable to Other Surgical Options?**

Moderator: John G. DeVine, MD

Agenda

- 5:30-5:40 Introduction and Case Presentation
 John G. DeVine, MD
- 5:40-5:55 The Benefit: Appropriateness of Surgery in the Elderly Patient with Adult Deformity: Expected Benefits and Complications
 Michael D. Daubs, MD
- 5:55-6:10 The Work-up: When to Say the Risks of Surgery Outweigh the Potential Benefit
 Gregory Grabowski, MD
- 6:10-6:25 Preoperative: Optimization in the Elderly
 Sigurd H. Berven, MD
- 6:25-6:40 Intra-operative: Fixation Strategies in the Elderly Patient
 John C. France, MD
- 6:40-6:45 Case Resolution
 John G. DeVine, MD
- 6:45-7:00 Discussion, Questions and Answers

5:30-7:00 p.m.

White Pine Ballroom

Medical Session: **Technologies Influencing Interventional Spine Care**

Moderator: Matthew Smuck, MD

Saturday, February 22

7:00-8:00 a.m.

Kokopelli II & III

Breakfast

7:00-9:30 a.m.

Kokopelli II & III

Technical Exhibition

7:00-10:00 a.m.

Kokopelli Lobby

Registration

Speaker Information Center

7:30-9:00 a.m.

Kokopelli I

Joint Session: Redefining the Hospital-Industry Relationship

Moderator: Alpesh A. Patel, MD, FACS

Agenda

7:30-7:50 Pitfalls of Race to the Bottom Pricing
Andrew T. Dailey, MD

7:50-8:10 Why Partnership is Better Than a Battle
Alan S. Hilibrand, MD

8:10-8:30 Tactics for Creating New Partnerships
Jeffrey C. Wang, MD

8:30-8:50 Strategies for New Companies Entering Established Markets
Jim A. Youssef, MD

8:50-9:00 Discussion, Questions and Answers

9:00-9:30 a.m.

Kokopelli I

Industry Innovation Presentations

Kokopelli II & III

Networking Break

9:30-11:00 a.m.

Kokopelli I

Surgical Session: Management of Unexpected Complications in Spine Surgery

Moderator: Jim A. Youssef, MD

Agenda

9:30-9:45 What to do with Worsening Pain and Functional Outcome After Elective Spine Surgery?
Jeffrey C. Wang, MD

9:45-10:00 Complication Management in Minimally Invasive Spine Surgery
John C. Liu, MD

10:00-10:15 Dysphagia and Esophageal Injury after Anterior Cervical Surgery
Darrel S. Brodke, MD

10:15-10:30 Prevention and Management of Proximal Junctional Failures in Adult Spinal Deformity Surgery
Michael D. Daubs, MD

10:30-10:45 Staying Out of Trouble in Minimally Invasive Lateral Lumbar Spine Surgeries
Jim A. Youssef, MD

10:45-11:00 Management of Major Neurological Deficits After Spine Surgery
Paul Park, MD

11:00 Discussion, Questions and Answers

9:30-11:00 a.m.

White Pine Ballroom

Medical Session: Non-Opioid Pain Management

Moderator: Jerome Schofferman, MD

11:00 a.m.

Meeting Adjourns