

**2024 Advancements in Surgical & Medical Management of the Spine**  
**Fairmont Orchid, Kohala Coast, HI**  
**February 25-29, 2024**

<b>Sunday, February 25, 2024</b>	
3:15 p.m.	<b>Registration, Exhibit &amp; Refreshments</b> Grand Ballroom Foyer
4:00 p.m.	<b>Introduction to the Course</b> <i>Randy A. Shelerud, M.D., Brett A. Freedman, M.D., Arjun S. Sebastian, M.D.</i>
4:20 p.m.	<b>Social Media: Surgical Talk</b>
4:40 p.m.	<b>Spine Specialist Training Program</b> <i>Kevin G. Hardesty, D.C.</i>
5:00 p.m.	<b>Augmented Reality</b> <i>Jay Morris</i>
5:20 p.m.	<b>Big Data and Spinal Cord Injury</b> <i>Matthew J. Pingree, M.D.</i>
5:40 p.m.	<b><i>Bone Health Impact on Spine Surgery</i></b> <i>Gary Kadlec, N.P.</i>
6:00 p.m.	<b>Marketing and Patient Education/Surgery</b>
6:20 p.m.	<b>Q&amp;A Session</b> Brett A. Freedman M.D., Moderator
6:40 p.m.	<b>Wrap-up</b> <i>Randy A. Shelerud, M.D., Brett A. Freedman, M.D., Arjun S. Sebastian, M.D.</i>
7:00 p.m.	<b>Adjourn</b>

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<b>Monday, February 26, 2024</b>	
5:30 a.m.	BREAKFAST
6:00 a.m.	Roundtable Discussions  6:00 a.m. <b>TL Fracture Case - Case Presentation (Pre-recorded)</b> <i>Mohamad Bydon, M.D.</i>  6:20 a.m. <b>CSP Fracture Case</b> <i>Jeremy L. Fogelson, M.D.</i>
6:30 a.m.	<b>BREAK</b>
6:40 a.m.	<b>EMG: What the Spine Surgeon Needs to Know</b>
<b>CSP Trauma I</b> Moderator: <i>Bradford L. Currier, M.D.</i>	
	<b>Medical Management of Whiplash</b> <i>Randy A. Shelerud, M.D.</i>
7:20 a.m.	<b>Classification of CSP Trauma</b> <i>Brett A. Freedman, M.D.</i>
7:40 a.m.	<b>Management of Trauma Instability</b> <i>Ahmad Nassr, M.D.</i>
8:00 a.m.	<b>Management of Odontoid Fractures in the Elderly</b> <i>Navid Khezri, M.D.</i>
8:20 a.m.	<b>Q&amp;A</b> <i>Bradford L. Currier, M.D.</i>
8:35 a.m.	<b>BREAK</b>
<b>CSP Trauma II</b> Moderator: <i>Brett A. Freedman, M.D.</i>	
8:40 a.m.	<b>Occipital-Cervical Fusion - A Tutorial for All Indications</b> <i>Bradford L. Currier, M.D.</i>
9:00 a.m.	<b>In-patient Rehab After SCI</b> <i>Ronald K. Reeves, M.D.</i>
9:20 a.m.	<b>Cervicothoracic Trauma Cases and Discussion</b> <i>Benjamin D. Elder, M.D., Ph.D.</i>
9:40 a.m.	<b>Q&amp;A</b> <i>Brett A. Freedman, M.D.</i>
<b>LSP Trauma</b> Moderator: <i>Brett A. Freedman, M.D.</i>	
10:00 a.m.	<b>Classification of Thoracolumbar Spine Trauma</b> <i>Brett A. Freedman, M.D.</i>
10:20 a.m.	<b>Nonoperative Management of Lumbar Burst Fractures</b> <i>Scott C. Wagner, M.D.</i>
10:40 a.m.	<b>Surgical Treatment of Thoracolumbar Fractures</b> <i>Sandra Hobson, M.D.</i>
11:00 a.m.	<b>Managing Trauma Consults and Follow-up - The Role of the APP</b> <i>Gregory A. Taylor, APRN, C.N.P., M.S.N.</i>
11:20 a.m.	<b>Optimal OR Management of Spine Surgery</b>

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	<i>Christopher M. Duncan, M.D.</i>
11:40 a.m.	<b>Q&amp;A</b> <i>Brett A. Freedman, M.D.</i>
12:00 p.m.	<b>Summary and Adjourn</b>
12:15 p.m.	<b>Adjourn</b>

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<b>Tuesday, February 29, 2024</b>	
5:30 a.m.	<b>BREAKFAST</b>
6:00 a.m.	Round Table Discussions  6:00 a.m. <b>Senile Burst Fx Case Presentation</b> <i>Bryan Lawson, M.D.</i>  6:20 a.m. <b>Spinal Epidural Abscess Case Presentation (Pre-recorded)</b> <i>Douglas R. Osmon, M.D.</i>
<b>6:40 a.m.</b>	<b>BREAK</b>
<b>The Future of Procedural Pain Treatment for Chronic Lower Back Pain</b> <i>Matthew J. Pingree, M.D.</i>	
6:50 a.m.	<b>Intradiscal Stem Cell Treatment for Chronic Low Back Pain</b> <i>Wenchun Qu, M.D., Ph.D.</i>
7:30 a.m.	<b>Peripheral Nerve Stimulation for Lower Back Pain</b> <i>Matthew J. Pingree, M.D.</i>
7:50 a.m.	<b>ReActiv8 Muscle Stimulation</b> <i>Matthew J. Pingree, M.D.</i>
8:10 a.m.	<b>Basivertebral Nerve Ablation</b>
8:30 a.m.	<b>Q&amp;A</b> <i>Matthew J. Pingree, M.D.</i>
<b>New Pain Procedures</b> <i>Moderator: Ahmad Nassr, M.D.</i>	
8:50 a.m.	<b>Cluneal Nerve Stimulation for Chronic Back/Buttock Pain</b> <i>Matthew J. Pingree, M.D.</i>
9:10 a.m.	<b>Stem Cell Injections for Facet Joint Pain</b> <i>Wenchun Qu, M.D., Ph.D.</i>
9:30 a.m.	<b>RFA for Facet Pain</b>
9:50 a.m.	<b>PRP for Facet Pain</b>
10:10 a.m.	<b>Q&amp;A</b> <i>Ahmad Nassr, M.D.</i>
<b>10:30 a.m.</b>	<b>BREAK</b>
<b>Bone Disease</b> <i>Moderator: Mohammed Karim, M.D.</i>	
10:40 a.m.	<b>The Ankylosed Spine – What is the Best Way to Assess Acute Pain after Trauma</b> <i>Sandra Hobson, M.D.</i>
11:00 a.m.	<b>Discitis, Vertebral Osteomyelitis and Epidural Abscess – The Spinal Infection Continuum</b> <i>Douglas R. Osmon, M.D.</i>
11:20 a.m.	<b>Medical Oncologic Treatment of Spinal Malignancies and Outcomes</b> <i>Steven I. Robinson, M.B.B.S.</i>
11:40 a.m.	<b>Radiation Therapy Role in Metastatic Disease of the Spine</b> <i>Kenneth R. Olivier, M.D.</i>
12:00 p.m.	<b>Metastatic Spine Disease – SINS and Beyond – A Surgeons Perspective</b>

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	<i>Mohammed Karim, M.D.</i>
12:20 p.m.	<b>Q&amp;A</b> <i>Mohammed Karim, M.D.</i>
12:35 a.m.	<b>Summary</b>
12:50 p.m.	<b>Adjourn</b>

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<b>Wednesday, February 28, 2024</b>	
5:30 a.m.	BREAKFAST
6:00 a.m.	Breakfast Roundtable Discussions  6:00 a.m. <b>Asymptomatic Cervical Stenosis Case Presentation and Round Table</b> <i>Bradford L. Currier, M.D.</i>  6:20 a.m. <b>Lumbar Spinal Stenosis Case Presentation and Round Table</b> <i>Jane Konidis, M.D.</i>
6:30 a.m.	<b>BREAK</b>
<b>CSP Stenosis</b>	
<i>Moderator: Randy A. Shelerud, M.D.</i>	
6:40 a.m.	<b>Epidural Injections for Cervical Radiculopathy</b> <i>John A. Freeman, D.O.</i>
7:20 a.m.	<b>Cervical Spinal Stenosis – When to Leave it Alone</b> <i>Karen A. Truitt, D.O.</i>
7:40 a.m.	<b>Differential Diagnosis of Cervical Stenosis</b> <i>Jennifer I. Stern, M.D.</i>
8:00 a.m.	<b>Anterior vs. Posterior Approach for Cervical Radiculopathy</b> <i>Mohammad Bydon, M.D.</i>
8:20 a.m.	Q&A Randy A. Shelerud, M.D.
<b>LSP Degenerative I</b>	
<i>Moderator: Toure Barksdale, M.D.</i>	
8:40 a.m.	<b>Differential Diagnosis of Lumbar Spinal Stenosis</b> <i>Randy A. Shelerud, M.D.</i>
9:00 a.m.	<b>Lumbar Spinal Stenosis: Prognosis and Medical Management</b> <i>Jane Konidis, M.D.</i>
9:20 a.m.	<b>Back to Work in Patients with Lumbar Stenosis</b> <i>Russell Gelfman, M.D.</i>
9:40 a.m.	Q&A Toure Barksdale, M.D.
9:50 a.m.	<b>BREAK</b>
<b>LSP Degenerative II</b>	
<i>Moderator:</i>	
10:00 a.m.	<b>Update on Percutaneous Image Guided Decompression for Spinal Stenosis</b>
10:20 a.m.	<b>Lumbar Spinal Stenosis: Decompression vs. Fusion</b> <i>Jad Bou Monsef, M.D.</i>
10:40 a.m.	<b>Interventional Management of Disc Herniation and Lumbar Stenosis</b> <i>Timothy P. Maus, M.D.</i>
11:00 a.m.	<b>Degenerative Spondylolisthesis - Operative Management</b> <i>Bryan Lawson, M.D.</i>

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11:20 a.m.	<b>Adult Spinal Deformity Treatment</b> <i>Jeremy L. Fogelson, M.D.</i>
11:40 a.m.	Q&A
12:00 p.m.	Closing Summary
12:20 p.m.	<b>Adjourn</b>

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<b>Thursday, February 29, 2024</b>	
5:30 a.m.	BREAKFAST
6:00 a.m.	Roundtable Discussions  6:00 a.m. <b>SI Joint Case Presentation and Round Table</b> <i>William W. Cross III, M.D.</i>  6:20 a.m. <b>SI Joint Examination</b> <i>William W. Cross III, M.D.</i>
6:30 a.m.	BREAK
<b>Acute Care</b> <i>Russell Gelfman, M.D. Moderator</i>	
6:40 a.m.	<b>Chiropractic Assessment and Treatments: Overview</b> <i>Kevin G. Hardesty, DC</i>
7:00 a.m.	<b>Treatment for Acute/Subacute Symptomatic Disc Disease</b> <i>Benjamin D. Holmes, DC, PhD</i>
7:20 a.m.	<b>Urgent Care Assessment of Acute Disc Disease</b> <i>Toure Barksdale, M.D.</i>
8:00 a.m.	<b>Acute and disabling LBP: Critical Counselling Opportunities</b> <i>Randy A. Shelerud, MD</i>
8:20 a.m.	<b>Pain Rehabilitation Center: Appropriate patients, and program Details/Outcomes.</b> <i>Matt E. Schumann, PhD.</i>
8:40 a.m.	<b>Q&amp;A</b> <i>Russell Gelfman, M.D.</i>
9:00 a.m.	BREAK
<b>Misc</b> <i>Arjun S. Sebastian, M.D. Moderator</i>	
9:15 a.m.	<b>Interoperative Neuro Monitoring for Spine Surgery</b>
9:35 a.m.	<b>Spinal Cord Stimulators – UPDATE</b>
9:55 a.m.	<b>MIS Spine Surgery - UPDATE - Tubes to Robots</b> <i>Arjun S. Sebastian, M.D.</i>
10:15 a.m.	<b>Percutaneous Fixation Options - When, How and Why</b> <i>Arjun S. Sebastian, M.D.</i>
10:35 a.m.	<b>Bone Biologics - When, How and Why</b> <i>Melissa Erickson, M.D.</i>
10:55 a.m.	<b>Q &amp; A</b> <i>Arjun S. Sebastian, M.D.</i>
11:15 a.m.	Closing Summary
11:30 a.m.	<b>Adjourn</b>