

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

Sunday, February 25, 2024	
3:15 p.m.	Registration, Exhibit & Refreshments Grand Ballroom Foyer
4:00 p.m.	Introduction to the Course <i>Randy A. Shelerud, M.D., Brett A. Freedman, M.D., Arjun S. Sebastian, M.D.</i>
4:20 p.m.	Social Media: Surgical Talk <i>Arjun S. Sebastian, M.D.</i>
4:40 p.m.	Spine Specialist Training Program <i>Kevin G. Hardesty, D.C.</i>
5:00 p.m.	Point-of-Care Manufacturing: 3D Printing for the Spine <i>Christin A Tiegs-Heiden, M.D.</i>
5:20 p.m.	Big Data and AI <i>Zach W. Pinter, M.D.</i>
5:40 p.m.	Bone Health Impact on Spine Surgery <i>Gary Kadlec, N.P.</i>
6:00 p.m.	Marketing and Patient Education/Surgery <i>Matt H. Lindsey, M.D.</i>
6:20 p.m.	Q&A Session <i>Brett A. Freedman M.D.</i>
6:40 p.m.	Wrap-up <i>Randy A. Shelerud, M.D., Brett A. Freedman, M.D., Arjun S. Sebastian, M.D.</i>
7:00 p.m.	Adjourn

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Monday, February 26, 2024	
5:30 a.m.	BREAKFAST
6:00 a.m.	Roundtable Discussions 6:00 a.m. TL Fracture Case - Case Presentation <i>Brian C. Goh, M.D.</i> 6:20 a.m. CSP Fracture Case <i>Jeremy L. Fogelson, M.D.</i>
6:30 a.m.	BREAK
6:40 a.m.	EMG: What the Spine Surgeon Needs to Know <i>Andrea J. Boon, M.D.</i>
CSP Trauma I Moderator: <i>Bradford L. Currier, M.D.</i>	
7:00 a.m.	Medical Management of Whiplash <i>Randy A. Shelerud, M.D.</i>
7:20 a.m.	Classification of CSP Trauma <i>Brett A. Freedman, M.D.</i>
7:40 a.m.	Management of Trauma Instability <i>Ahmad Nassr, M.D.</i>
8:00 a.m.	Management of Odontoid Fractures in the Elderly <i>Ilyas Aleem, M.D.</i>
8:20 a.m.	Q&A <i>Bradford L. Currier, M.D.</i>
8:35 a.m.	BREAK
CSP Trauma II Moderator: <i>Willian E. Krauss, M.D.</i>	
8:40 a.m.	Occipital-Cervical Fusion - A Tutorial for All Indications <i>Bradford L. Currier, M.D.</i>
9:00 a.m.	In-patient Rehab After SCI <i>Ronald K. Reeves, M.D.</i>
9:20 a.m.	Cervicothoracic Trauma Cases and Discussion <i>Benjamin D. Elder, M.D., Ph.D.</i>
9:40 a.m.	Q&A <i>Willian E. Krauss, M.D.</i>
LSP Trauma Moderator: <i>Willian E. Krauss, M.D.</i>	
10:00 a.m.	Classification of Thoracolumbar Spine Trauma <i>Brett A. Freedman, M.D.</i>
10:20 a.m.	Nonoperative Management of Lumbar Burst Fractures <i>Scott C. Wagner, M.D.</i>
10:40 a.m.	Surgical Treatment of Thoracolumbar Fractures <i>Sandra Hobson, M.D.</i>

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11:00 a.m.	Managing Trauma Consults and Follow-up - The Role of the APP <i>Gregory A. Taylor, APRN, C.N.P., M.S.N.</i>
11:20 a.m.	Surgical Strategies in Elderly Trauma <i>William E. Krauss, M.D.</i>
11:40 a.m.	Q&A <i>William E. Krauss, M.D.</i>
12:00 p.m.	Summary and Adjourn
12:15 p.m.	Adjourn

12:45 p.m.	Educational Forum – Optional (No CME) Medtronic UNiD/Data AI Lunch provided
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Tuesday, February 27, 2024	
5:30 a.m.	BREAKFAST
6:00 a.m.	Round Table Discussions 6:00 a.m. Senile Burst Fx Case Presentation <i>Bryan Lawson, M.D.</i> 6:20 a.m. Spinal Epidural Abscess Case Presentation <i>Douglas R. Osmon, M.D.</i>
6:40 a.m.	BREAK
The Future of Procedural Pain Treatment for Chronic Lower Back Pain <i>Moderator: Matthew J. Pingree, M.D.</i>	
6:50 a.m.	Intradiscal Stem Cell Treatment for Chronic Low Back Pain <i>Wenchun Qu, M.D., Ph.D.</i>
7:30 a.m.	Recent Updates in Spinal Cord Stimulator Therapy <i>Jason P. Dauffenbach, D.O.</i>
7:50 a.m.	ReActive Muscle Stimulation <i>Matthew J. Pingree, M.D.</i>
8:10 a.m.	Q&A <i>Matthew J. Pingree, M.D.</i>
New Pain Procedures <i>Moderator: Wenchun Qu, M.D., Ph.D.</i>	
8:30 a.m.	Cluneal Nerve Stimulation for Chronic Back/Buttock Pain <i>Matthew J. Pingree, M.D.</i>
8:50 a.m.	Stem Cell Injections for Facet Joint Pain <i>Wenchun Qu, M.D., Ph.D.</i>
9:10 a.m.	Radion Frequency Ablation for Facet Pain <i>Michael J. Derr, D.O.</i>
9:30 a.m.	Cervical Pedicle Subtraction Osteotomy (PSO) for Chin-on-chest Kyphotic Deformity <i>Bradford L. Currier, M.D.</i>
9:50 a.m.	Anterior Cervical Nonunion: Avoidance, treatment, long term results <i>Bradford L. Currier, M.D.</i>
10:10 a.m.	Q&A <i>Wenchun Qu, M.D., Ph.D.</i>
10:30 a.m.	BREAK
Bone Disease <i>Moderator: Mohammed Karim, M.D.</i>	
10:40 a.m.	Optimal OR Management of Spine Surgery <i>Christopher M. Duncan, M.D.</i>
11:00 a.m.	Discitis, Vertebral Osteomyelitis and Epidural Abscess – The Spinal Infection Continuum <i>Douglas R. Osmon, M.D.</i>
11:20 a.m.	Medical Oncologic Treatment of Spinal Malignancies and Outcomes <i>Steven I. Robinson, M.B.B.S.</i>

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11:40 a.m.	Radiation Therapy Role in Metastatic Disease of the Spine <i>Kenneth R. Olivier, M.D.</i>
12:00 p.m.	Metastatic Spine Disease – SINS and Beyond – A Surgeons Perspective <i>Mohammed Karim, M.D.</i>
12:20 p.m.	Q&A <i>Mohammed Karim, M.D.</i>
12:35 a.m.	Summary
12:50 p.m.	Adjourn

1:00 p.m.	Educational Forum – Optional (No CME) Depuy Synthes The Future of Spine Surgery
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Wednesday, February 28, 2024	
5:30 a.m.	BREAKFAST
6:00 a.m.	Breakfast Roundtable Discussions 6:00 a.m. Asymptomatic Cervical Stenosis Case Presentation and Round Table <i>Bradford L. Currier, M.D.</i> 6:20 a.m. Lumbar Spinal Stenosis Case Presentation and Round Table <i>Jane Konidis, M.D.</i>
6:30 a.m.	BREAK
CSP Stenosis <i>Moderator: Randy A. Shelerud, M.D.</i>	
6:40 a.m.	Epidural Injections for Cervical Radiculopathy <i>John A. Freeman, D.O.</i>
7:20 a.m.	Cervical Spinal Stenosis – When to Leave it Alone <i>Karen A. Truitt, D.O.</i>
7:40 a.m.	Differential Diagnosis of Cervical Stenosis <i>Jennifer I. Stern, M.D.</i>
8:00 a.m.	Anterior vs. Posterior Approach for Cervical Radiculopathy <i>Bayard C. Carlson, M.D.</i>
8:20 a.m.	Q&A Randy A. Shelerud, M.D.
LSP Degenerative I <i>Moderator: Kane Konidis, M.D.</i>	
8:40 a.m.	Differential Diagnosis of Lumbar Spinal Stenosis <i>Randy A. Shelerud, M.D.</i>
9:00 a.m.	Lumbar Spinal Stenosis: Prognosis and Medical Management <i>Jane Konidis, M.D.</i>
9:20 a.m.	Back to Work in Patients with Lumbar Stenosis <i>Laura Breeher M.D., M.S., M.P.H.</i>
9:40 a.m.	Q&A <i>Jane Konidis, M.D.</i>
9:50 a.m.	BREAK
LSP Degenerative II <i>Moderator: Jeremy L. Fogelson, M.D.</i>	
10:00 a.m.	Degenerative Spine Imaging <i>Felix Diehn, M.D.</i>
10:20 a.m.	Lumbar Spinal Stenosis: Decompression vs. Fusion <i>Jad Bou Monsef, M.D.</i>
10:40 a.m.	Evidence Based Treatment of Disc Herniation <i>Anthony L. Mikula, M.D.</i>

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11:00 a.m.	Degenerative Spondylolisthesis - Operative Management <i>Bryan Lawson, M.D.</i>
11:20 a.m.	Adult Spinal Deformity Treatment <i>Jeremy L. Fogelson, M.D.</i>
11:40 a.m.	Q&A <i>Jeremy L. Fogelson, M.D.</i>
12:00 p.m.	Closing Summary
12:20 p.m.	Adjourn

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Thursday, February 29, 2024	
5:30 a.m.	BREAKFAST
6:00 a.m.	Roundtable Discussions 6:00 a.m. SI Joint Case Presentation and Round Table <i>William W. Cross III, M.D.</i> 6:20 a.m. SI Joint Examination <i>William W. Cross III, M.D.</i>
6:30 a.m.	BREAK
Acute Care Moderator: <i>Jane Konidis, M.D.</i>	
6:40 a.m.	Chiropractic Assessment and Treatments: Overview <i>Kevin G. Hardesty, DC</i>
7:00 a.m.	Lumbar Spinal Stenosis <i>Kevin G. Hardesty, DC</i>
7:20 a.m.	Urgent Care Assessment of Acute Disc Disease <i>Jane Konidis, M.D.</i>
8:00 a.m.	Acute and disabling LBP: Critical Counselling Opportunities <i>Randy A. Shelerud, MD</i>
8:20 a.m.	Pain Rehabilitation Center: Appropriate patients, and program Details/Outcomes. <i>Matt E. Schumann, Ph.D., L.P.</i>
8:40 a.m.	Q&A <i>Jane Konidis, M.D.</i>
9:00 a.m.	BREAK
Misc Moderator: <i>Arjun S. Sebastian, M.D.</i>	
9:15 a.m.	Interoperative Neuro Monitoring for Spine Surgery <i>Andrea J. Boon, M.D.</i>
9:35 a.m.	MRI-Guided Focused Ultrasound Ablation of Lumbar Facet Joints <i>Christin A Tiegs-Heiden, M.D.</i>
9:55 a.m.	MIS Spine Surgery - UPDATE - Tubes to Robots <i>Melissa Erickson, M.D.</i>
10:15 a.m.	Percutaneous Fixation Options - When, How and Why <i>Bayard C. Carlson, M.D.</i>
10:35 a.m.	Bone Biologics - When, How and Why <i>Melissa Erickson, M.D.</i>
10:55 a.m.	Q & A <i>Arjun S. Sebastian, M.D.</i>
11:15 a.m.	Closing Summary
11:30 a.m.	Adjourn