

Wednesday, July 13, 2022

2:00 pm	<i>Registration</i>	
3:15	Welcome and Introductions	Lionel Metz, MD Lee Tan, MD Kyle Mitsunaga, MD
3:20	Honored Speaker Introduction	
3:25	Return to Play Criteria Following Cervical Trauma in Collision Athletes	Alex Vaccaro, MD
3:55	Pediatric Spine Trauma: Management, Operative Indications, and Technical Considerations	Ashraf El Naga, MD
4:15 pm	Update on Adult Thoracolumbar Spine Trauma	Major William R Colton, MD
4:35 pm	Evaluation and Treatment of Cervical Deformities	Ricardo Fontes, MD
4:55 pm	Honored Speaker Introduction	
5:00 pm	Contemporary Management of Odontoid Fractures	Vincent Traynelis, MD
5:30 pm	Q&A	
5:45 pm	Case Presentation and Discussion	
6:15 pm	<i>Adjourn: Luau Reception</i>	

Thursday, July 14, 2022

7:00am	<i>Continental Breakfast</i>	
7:30	Welcome and Introductions	
7:35	Artificial Intelligence and Predictive Modeling in Spine Surgery	Christopher Ames, MD
7:55	Operative and Non-operative Strategies for Early Onset Scoliosis: Casting, Traction, and Growth Friendly Instrumentation	Graham Fedorak MD
8:15	Honored Speaker Introduction	
8:20	The Evolution of Treatment for Pediatric Deformity	Serena S. Hu, MD
8:50	Pediatric Deformities with High Morbidity in Adulthood: When to Treat and When to Observe	Sigurd Berven, MD
9:10	Case Presentation and Discussion	
9:15	<i>Q&A</i>	
9:35	<i>Coffee Break</i>	
9:55	Honored Speaker Introduction	
10:30	Evaluation and Treatment of C-5 Palsy	Vincent Traynelis, MD
11:00	Emerging Technology in Spine Surgery: Augmented Reality and Enhanced Surgical Navigation	Thomas Noh, MD
11:20	The Prone Lateral Interbody Fusion, indications and Advantages	Vedat Deviren, MD
11:40	Case Discussion	
12:10pm	<i>Lunch</i>	
1:05	Adolescent Idiopathic Scoliosis Choosing Levels and Achieving a 3-D Correction	Jamal McClendon, MD
1:30	Deciding When to Use 3-Column Osteotomies vs Multiple Posterior Column Osteotomies for Deformity Correction	Alexander Tuchman, MD
1:50	Proximal Junction Kyphosis: Etiology, Risk Factors, and Prevention- Updates with Pediatric Focus	Emanuel Menga, MD
2:10	Honored Speaker Introduction	
2:15	Contemporary Management of Postoperative Spinal Infections	Alex Vaccaro, MD
2:45	Q&A and Case Discussion	
3:00 pm	<i>Adjourn</i>	

Friday, July 15, 2022

7:00 am *Continental Breakfast at Royal Hawaiian, Depart at 7:30 am for Cadaver Lab*
7:30 **Cadaver Lab**
12:00 pm *Lunch*
1:00 **Cadaver Lab**
4:30 PM *Adjourns*

8 CME

Bio-skills Stations to include:

- Anterior, lateral, and oblique Lumbar Interbody Fusion
- Thoracolumbar pedicle subtraction osteotomy/vertebral column resection
- Pelvic Fixation
- Transforaminal lumbar Interbody Fusion for Deformity
- Free hand Posterior Pedicle Screw Fixation/Posterior Column Osteotomy
- Anterior Spinal Instrumentation/Tethering
- Cervical Anterior and Posterior Instrumentation

Saturday, July 16, 2022

7:00 am	<i>Continental Breakfast</i>	
7:30	Distinguishing Structural Sagittal Imbalance for Pseudo-sagittal Imbalance Related to Spinal Stenosis	Sina Pourtaheri, MD
7:50	Honored Speaker Introduction	
7:55	Treatment of Spondylolisthesis in Pediatric and Adult Patients	Serena S. Hu, MD
8:25	Minimally Invasive Deformity Correction, Indications and Contraindications	Praveen Mummaneni, MD
8:45	Treatment of Degenerative Lumbar Deformities, When is Addressing the Fractional Curve Enough?	Bobby Tay, MD
9:05	Case Discussion	
9:30	Essentials of Resection and Reconstruction for Tumors of the Spinal Column	Alekos Theologis, MD
9:50	Correction strategies in Pediatric Scoliosis	Yashar Javidan, MD
10:10	Case Discussion	
10:45	<i>Break</i>	
11:05	Less Invasive Lumbar Interbody Fusion LLIF, lateral ALIF	Aaron Clark, MD
11:25	Case Discussion & Question and Answer	
12:00pm	<i>Course Adjourns</i>	