

Inaugural Spine Symposium 2024

July 26 - 27, 2024





Welcome to the 2024 Oklahoma Spine Symposium

The Oklahoma Spine Symposium was an idea that grew out of the work of thousands of surgeons, pain physicians, and primary care providers who treat spinal pathology across our state.

Oklahoma is one of the per capita busiest markets in the US, with many unique and innovative practice patterns. From a surgical standpoint, upper lumbar anterior fusions, complex revision anterior cervical surgeries, large posterior based deformity corrections are common in Oklahoma. In addition to surgery, Oklahoma is unique in the cutting-edge interventional pain procedures that are routinely performed in our market. Some of the latest research in spine care has grown out of the pain management field such as intra-theatal pain pumps, spinal stimulators, basivertebral nerve ablation, among many others.

Simply put, the Oklahoma Spine Symposium is designed to give the physicians who perform these complex procedures a platform to share their techniques and experience. We hope the symposium will be a launching point for new ideas, connections, and networks to enhance spine care in our state.

The symposium is free to register and attend and will consist of a networking event at Vast Friday evening July 26th, as well as a series of talks Saturday morning and afternoon on July 27th at the Sammis conference center. CME will be provided.

Again, welcome and thank you for your interest. We hope you can attend the symposium and we can collectively continue to grow spine care in Oklahoma.

John F. Burke, M.D., Ph.D
Department of Neurosurgery



Dr. Aaron Clark, M.D., Ph.D.
University of California, San Francisco

Modern Techniques to Minimize Risk in Anterior
Lumbar Interbody Fusion Surgery



Dr. Michael Safaee, M.D.
University of Southern California

Is Age Just a Number? Understanding the Role of
Biological Age in Spine Surgery

Education Session

Saturday, July 27

8 a.m. – 3 p.m.

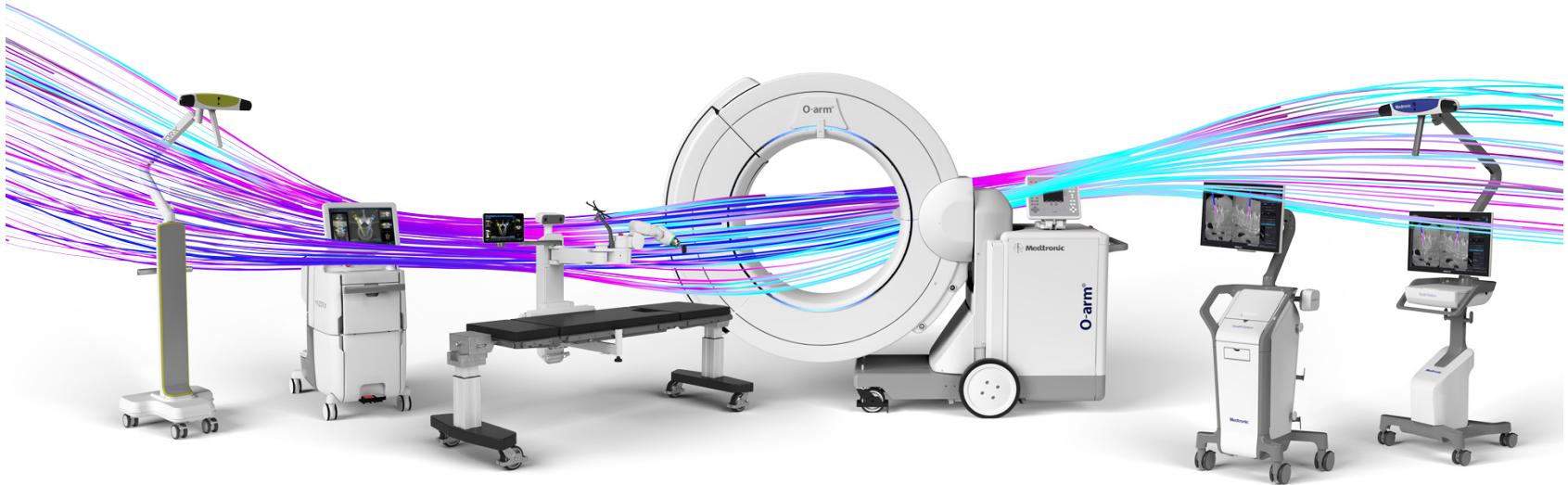
Samis Education Center in Oklahoma
Children's Hospital OU Health



Symposium Agenda

Time	Topic	Speaker	Title
8 – 8:15 a.m.	Breakfast / Vendor		
8 – 8:15 a.m.	Intro	John Burke, M.D., Ph.D	
8:15 – 8:45 a.m.	Retrospective 1	Barry Pollard, M.D.	Oklahoma Pioneer in Spinal Care
8:45 – 9:15 a.m.		Robert Remondino, M.D.	Oklahoma Pioneer in Spinal Care
9:15 – 9:30 a.m.		Q&A	
8:45 – 9 a.m.	Lumbar Interbody Techniques	Brett Braly, M.D.	A Journey Into Single Position Surgery
9 – 9:15 a.m.	Discussion in this section will focus on lumbar interbody techniques including anterior, lateral, and posterior approaches.	Richard Drake, D.O.	The Modern TLIF: Evolution of a Workhorse Procedure
9:15 – 9:30 a.m.		Jimmy Melton, D.O.	Anterior Lumbar Interbody Fusion Approach
9:30 – 9:45 a.m.		Q&A	
9:45 – 10 a.m.	Coffee Break		
10 – 10:15 a.m.	Anterior Cervical Techniques	Kasra Ahmadiania, M.D.	Advanced Techniques in Posterior Cervical Spine Surgery
10:15 – 10:30 a.m.	Discussion in this section will focus on posterior cervical indications and techniques, as well as anterior indications for fusion versus disc replacement.	Hakeem Shakir, M.D.	Pearls and Pitfalls of Total Disc Replacement
10:30 – 10:45 a.m.		Q&A	
10:45 – 11 a.m.	Spinal Deformity Surgery	Clay Cochran, M.D.	A Review of the Literature and Evolution of Techniques
11 – 11:15 a.m.	Discussion in this section will focus on reconstruction techniques for spinal deformity in adults and pediatric patients, including current issues such as restoring sagittal balance, reducing spondylolisthesis, and correcting scoliosis.	John Burke, M.D., Ph.D	Modified Type Five Osteotomy for Rigid Thoracolumbar Kyphotic Deformities
11:15 – 11:30 a.m.		James Gregory, M.D.	Preventing Complications in Pediatric Deformity Surgery
11:30 – 11:45 a.m.		Q&A	
11:45 a.m. – 12:30 p.m.	Lunch		
12:30 – 12:45 p.m.	Pain	James Stephens, D.O.	Radiation Safety for Spinal Interventionalists
12:45 – 1 p.m.		Douglas Beall, M.D.	What Interventional and Minimally Invasive Treatments for Back Pain Actually Work
1 – 1:15 p.m.		Q&A	
1:15 – 1:30 p.m.	Innovation in Spinal Surgery	Cameron Shirazi, M.D.	PJK: Prevention and Treatment
1:30 – 1:45 p.m.	Discussion in this section will focus on innovative topics in spinal surgery such as preventing proximal junctional kyphosis after spinal deformity correction and incorporating robotics and navigation into a busy spinal practice.	Zachary Smith, M.D.	Robotics, Navigation and Technology in Spine Surgery
1:45 – 2 p.m.		Q&A	
2:15 – 2:30 p.m.	Concluding Remarks	John Burke, M.D., Ph.D	

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