

THE 18<sup>TH</sup> ANNUAL

# State of Spine Surgery Think Tank

JUNE 29–JULY 1, 2023

✦ San José del Cabo, Mexico ✦

JW Marriott Los Cabos  
Beach Resort & Spa



✦ *Preceded by* ✦

The Investment and  
Innovation Summit

JUNE 28, 2023



Frank  
Phillips, MD

CHAIR



Todd Albert, MD

CO-CHAIRS



Alex Vaccaro,  
MD, PhD



Hyun Bae, MD



Greg Mundis  
Jr., MD

DIRECTORS



Kris Radcliff, MD



“This meeting just keeps getting better. Best spine program I’ve been to in years. Thank you.”

*From 2022 Course Review Comments*

In 2022, the course filled and hotel rooms sold out very quickly.

**Avoid the waiting list by  
registering today!**

## Dear Colleagues:

You’re invited to a **spine surgery meeting like no other**. *The State of Spine Surgery Think Tank* is **not** your typical “lectures and exhibits” meeting. In fact, it is refreshingly different:

- ★ The program is light on lectures, but heavy on lively discussion. It’s your chance to ask the questions that you care about, and to present your own insights.
- ★ The topics focus on the here and now, rather than on academic research that might be relevant in 10 years. How can you adapt to changes in healthcare? Which new technologies and techniques merit your attention? What tips can improve your outcomes?
- ★ The meeting creates remarkable camaraderie among participants, including surgeons and leaders from device companies and healthcare systems.

### **PRE-MEETING: STATE OF SPINE SURGERY: INNOVATION AND INVESTMENT SUMMIT**

No other event packs such a deep dive into spine technology innovation and investment opportunities as this half-day Summit. We bring together C-suite executives from 10 emerging spine companies, investment bankers, VCs, “Strategics,” private investors, and world-renowned spine surgeons for a remarkable afternoon of insights and investment possibilities.

Combine all of the above with the exceptional JW Marriott Resort in Cabo, and we’re confident that you’ll find it to be an outstanding event. We hope that you’ll join us.

*Best regards,*

**Frank Phillips, MD**  
MEETING CHAIRMAN



**Todd Albert, MD**  
MEETING CO-CHAIR



**Alex Vaccaro, MD, PhD, MBA**  
MEETING CO-CHAIR





## LEADERSHIP & FACULTY

### CHAIR

Frank Phillips, MD

### CO-CHAIRS

Todd Albert, MD  
Alexander Vaccaro, MD, PhD, MBA

### PROGRAM DIRECTORS

Hyun Bae, MD  
Greg Mundis Jr., MD  
Kris Radcliff, MD

### INVESTMENT SUMMIT CO-CHAIR

Gary Stevenson  
*Co-Founder and Managing Partner,  
MB Venture Partners*

### INVITED FACULTY\*

Todd Allen, MD  
Neel Anand, MD  
Ali Araghi, MD  
Sig Berven, MD  
Ernest Braxton, MD  
Brandon Carlson, MD  
Matt Colman, MD  
Robert Eastlack, MD  
Jeffrey Goldstein, MD  
Richard Guyer, MD  
Roger Härtl, MD  
Alan Hilibrand, MD

Stephen  
Hochschul, MD  
Christoph  
Hofstetter, MD  
Richard Hynes, MD  
Chevy Iyer, MD  
Safdar Khan, MD  
Han Jo Kim, MD  
Isaac Moss, MD  
Pierce Nunley, MD  
David Okonkwo, MD  
Paul Park, MD

Alpesh Patel, MD  
Kees Poelstra, MD  
David Polly, MD  
Comron Saifi, MD  
Harvinder Sandhu, MD  
Rick Sasso, MD  
Blake Staub, MD  
Chadi Tannoury, MD  
Juan Uribe, MD  
Denise Walt, MD  
Mike Wang, MD

### Guest Speakers

Roger Strode  
*Partner, Foley  
& Lardner LLP*  
Robin Young  
*Publisher, Orthopedics  
This Week & Orthopedic  
Recruiter*

“The open discussions were ‘gloves-off’ but fair. The honesty was great. It’s very different from the big Annual Meetings.”

*From 2022 course review comments*

*\*Additional faculty to be added prior to the meeting.  
Faculty subject to change.*

# SUMMIT PROGRAM: JUNE 28, 2023

## PRE-MEETING: STATE OF SPINE SURGERY: INVESTMENT AND INNOVATION SUMMIT

The conference aims to unite promising early stage spine companies with top investment firms and corporate development executives.

Hear from leading bankers, VCs, and business development experts regarding how they identify the best investment opportunities in the field of spine surgery.

Plus, you'll hear from C-suite executives and board members from ten of the most innovative and disruptive spine companies, each of which is seeking to raise capital.

No other program offers such access to investment experts and leaders of emerging companies, all packed into an afternoon Summit.

## PROGRAM | 1:30–6:30 PM

- **The Financing and M&A Environment for Spine Start-ups**
  - Investment banker
- **Panel: What are *Investors* Looking for to Finance Spine Start-ups?**
  - Panel of venture capital, investment bankers and private investors
- **Spine Company Presentations**
  - 6 Early-stage company presentations (15 minutes each)
- **Investment Snapshots**
  - 4 Early-stage company presentations (5 minutes each)
- **Panel: What are *Strategics* Looking for to Finance or Acquire Spine Start-ups?**
  - Panel of decision makers from spine strategics
- **Wine & Cheese Reception**



“When I checked in I didn’t know the Investment Summit was happening. I went in and what I learned from the companies and the bankers made my entire trip worthwhile, before the main meeting began.”

*From 2022 course review comment*

*Program schedule, content,  
and faculty subject to change*

# MAIN PROGRAM: JUNE 29–JULY 1

## PROGRAM DAYS & TIMES

THURSDAY, JUNE 29 | 7:30 AM–4:30 PM

FRIDAY, JUNE 30 | 7:30 AM–12:30 PM

SATURDAY, JULY 1 | 7:30 AM–12:00 PM

### YOUNG SURGEONS SESSION

SATURDAY, JULY 1 | 12:30–3:00 PM

## Topics Include:

### Lateral Interbody Surgery

- Approach choice—How I decide
- Prone lateral, direct lateral, OLIF: Upsides, downsides, and real-world complications
- Show me the data—I can do it all posterior

### Enabling Tech

- Robotics: Where do they add value? And why haven't they taken the world by storm?
- Augmented Reality: Ready for today? What's coming?
- Bone MRI

### Deformity Gone Wild? Sagittal Plane Surgery Feels So Good...

- Here's why I now re-operate on octogenarians for PJK
- I made my name on TL deformity, so now cervical deformity is ripe for me
- Sagittal balance and ACDF—really??
- Sagittal parameters matter even for “chip shot” short fusion degen. cases

### AI—Machine Learning, Predictive Analytics

- Beginners guide to AI—what it all means
- Translating pre-op planning into what we accomplish in the OR
- Predictive analytics driving decisions. Are we there?
- Personalized implants—Needed?
- Spine surgeons at risk: Population health

### What's New In:

- Spinal trauma
- Spinal tumors
- Cervical deformity

### Regenerative Medicine

- Disc regeneration and LBP: Basic science data—Is it believable?
- Annular repair: State of the art or folly?

### Pain Docs with No Formal Surgical Training Are Doing “Fusions”

- Compromising patient care vs. “we can do it just as well”
- How should spine surgeons and societies respond?

### Surgical Nuances

- MIS TLIF is difficult to do well—Nuances for success
- Dealing with complications down a tube
- Cervical TDR—Patient selection, surgical pearls
- Barriers that must be overcome for LDRs to replace fusions
- Avoiding PJK—Tips and techniques



# MAIN PROGRAM: JUNE 29–JULY 1

## Endoscopy

- Endoscopy: It's just marketing and water on my shoes
- Uni/bi-portal: What the heck does that all mean?
- How I do an endoscopic fusion
- Complications management

## ASCs: Challenges and Controversies

- Surgeon owners: Costs, vendor partnerships, and COIs—Can we do better than hospitals?
- Anesthesia (or not) for the ASC?
- How do surgeon-owned ASCs partner with hospitals?

## Cervical Arthroplasty Controversies

- Which arthroplasty device should be used in particular biomechanical environments
- Defining osteolysis. What is the cause of symptomatic osteolysis?
- Hybrid strategies: Where should the arthroplasty be placed?
- Avoiding complications
- Revision strategies for a failed single or multilevel arthroplasty

## Private Equity: The Good, the Bad, and the Ugly

- What is the typical private equity deal offered to surgeons today?
- Private equity was the biggest mistake in my life. How do I leave?
- Alternatives to private equity were the biggest mistake in my life. How do I leave?
- Why would a young surgeon join a group that's completed the third bite of the apple in a private equity deal?

## Digital Health

- Sounds so cool but does it work in spine?

## Modern MIS Techniques

- The standard of care for most degen. cases
- Great for marketing, but traditional techniques remain the most effective

## Lightning Round: C-Suite Executives Speak

- How we see spine care in the next decade

## For Young (and Not-so Young) Surgeons

- Finding happiness in 15 minutes
- Twenty minute executive MBA
- How to look after your hard-earned money
- Life-work balance panel

## Case Panels: We see this every day, but we can't agree what to do:

- Grade 1 L4-5 spondy., with stenosis and leg pain only in healthy 60 y/o female
- Focal disc herniation C6-7 in young adult, with unilateral radiculopathy and 4/5 triceps weakness
- Relentless LBP with L4-5 disc desiccation and an annular fissure, in a motivated 40 y/o male who has exhausted non-op care
- MIS TLIF gone bad
- Cervical TDR gone bad
- Met alignment goals and still have PJF with construct failure
- Post-fusion severe radiculopathy when all looks OK

# REGISTRATION

Register early as the limited space will fill very rapidly!

**Fast, Easy, and Secure Online Registration:**  
[broadwater.regfox.com/stateofspine2023](https://broadwater.regfox.com/stateofspine2023)

Pre-Meeting Fee	\$ 150
<b>Main Meeting</b>	
Surgeons	\$ 625
Fellows, Residents & Allied Health	\$ 395
Representatives of Non-Exhibiting Device Companies	\$ 1,950
Representatives of Financial/Investment Companies	\$ 325
Late Registration Fee (after June 1)	\$ 50

Registration fee includes all scientific sessions, meeting materials, and related social events.

*“One of my favorite meetings due to its small size facilitating camaraderie in a beautiful, relaxed setting”*

## Cancellations and Refunds

Despite the COVID-19 situation, you can register without risk.

- You may cancel your registration for a full refund in case of documented COVID-related travel restrictions (from institution or state or federal govt.) or medical emergency.
- Cancellation for other reasons: Full refund less \$150 administrative fee if canceled prior to June 1. No refunds after this date.
- Other costs incurred by the registrant, such as airline or hotel penalties, are the responsibility of the registrant.

## Attendance

The course chairmen reserve the right to refuse admission to anyone whose presence is considered to be incompatible with course objectives.

## QUESTIONS

Contact **Christy Gill**

[Cgill@broad-water.com](mailto:Cgill@broad-water.com)

**P** 630-681-1040 ext. 302

# HOTEL

## JW MARRIOTT LOS CABOS BEACH RESORT & SPA | SAN JOSÉ DEL CABO, MEXICO



**HOTEL RESERVATIONS:** Book by **May 26, 2023** to receive the discounted rates!

### ROOM RATES\*:

- Resort View: \$253
- Ocean View: \$279
- Ocean Facing: \$310
- Ocean Front: \$331

*\*plus applicable taxes*

### FEATURES:

- Cutting edge resort by world-renowned architect Jim Olsen
- Beachfront location where the Sea of Cortez meets the Pacific Ocean
- Luxury spa facilities and golf course
- Wide range of culinary options

**TO BOOK YOUR RESERVATION:**

[TO MAKE YOUR RESERVATION CLICK HERE](#)

Call **1-888-236-2427** and mention the group name **“STEGO Spine Meeting”** for special room discount rates.

### INDIVIDUAL CANCELLATIONS—**UPDATED**

Cancellations made 45 days before the arrival date or less, will incur in a cancellation fee for the full stay. Cancellations will be charged to the credit card provided as guarantee.



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