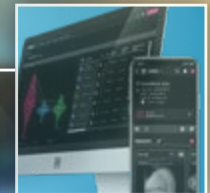
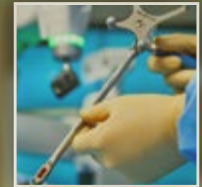


# SPINE TECH SUMMIT 2021



**TRANSFORMING**  
SPINE SURGERY

March 5-6, 2021

[Register Now](#)

The target audience for this program is orthopaedic surgeons or neurosurgeons who have or are interested in adopting a new spine technology.

**Spine MedEd**

**Medtronic**  
Further, Together

The 4th Annual Spine Tech Summit is taking technology to the next level and joining you virtually this year! Spine Tech Summit is an educational forum for spine leaders like yourself to learn and share ideas on the evolution and impact that technologies like robotics and navigation have had in transforming your practice.

The faculty has collaborated to create a unique virtual agenda, kicking-off with an impactful keynote speaker, followed by engaging presentations given by today's key thought leaders, featuring the latest innovations in enabling technologies from Medtronic. Through case presentations, debates, and small group discussions, the goal of the program is to empower participants to incorporate the latest technological innovations, drive better patient outcomes, and shape the future of spine surgery. To help further their educational journey, program participants will have the unique opportunity to register to attend a future, advanced hands-on Medical Education course, within the virtual program.

## Program Chairmen

## Program Advisors



**Ronald Lehman, M.D.**  
Och Spine Hospital  
New York, NY



**Richard Chua, M.D.**  
Banner - University Medical Center  
Tucson, AZ



**David Polly, M.D.**  
University of Minnesota Health - Fairview  
Minneapolis, MN



**Jeffrey Gum, M.D.**  
Norton Healthcare  
Louisville, KY

# CONNECT. INSPIRE. EMPOWER.

## Faculty



**John Asghar, M.D.**  
Cantor Spine Center  
Ft. Lauderdale, FL



**Shane Burch, M.D.**  
University of California  
at San Francisco  
San Francisco, CA



**Avery Buchholz, M.D.**  
University of Virginia  
Charlottesville, VA



**Leonard Kibuule, M.D.**  
Spine Team Texas  
Allen, TX



**Terrence Kim, M.D.**  
Cedars-Sinai  
Los Angeles, CA



**Christopher Kleck, M.D.**  
University of Colorado  
Aurora, CO



**Mr. Sean Molloy**  
Royal National  
Orthopedic Hospital  
London, UK



**Joseph Osorio, M.D.**  
University of California  
at San Diego  
San Diego, CA



**Martin Pham, M.D.**  
University of California  
at San Diego  
San Diego, CA



**Gregory Poulter, M.D.**  
Indiana Orthopedic  
Hospital  
Indianapolis, IN



**Yong Qiu, M.D.**  
Nanjing Drum Tower  
Hospital  
Nanjing University, China



**Sharad Rajpal, M.D.**  
Boulder Neurosurgical  
Associates  
Boulder, CO



**Zeeshan Sardar, M.D.**  
Och Spine Hospital  
New York, NY



**Patrick Sugrue, M.D.**  
Advocate Medical  
Group  
Chicago, IL



**Jed Vanichkachorn, M.D.**  
Bon Secours St. Mary's  
Richmond, VA

# AGENDA

Friday, March 5  
7:00pm-8:20pm EST

**7:05pm – 7:10pm**

**OPENING FACULTY VIDEO:  
WELCOME TO SPINE TECH SUMMIT 2021**

Welcome and Introduction, Medtronic

**7:10pm – 7:15pm**

**7:15pm – 7:30pm**

Opening Address from Chairmen and Advisors  
David Polly, M.D., Ron Lehman, M.D., Jeff Gum, M.D., Richard Chua, M.D.

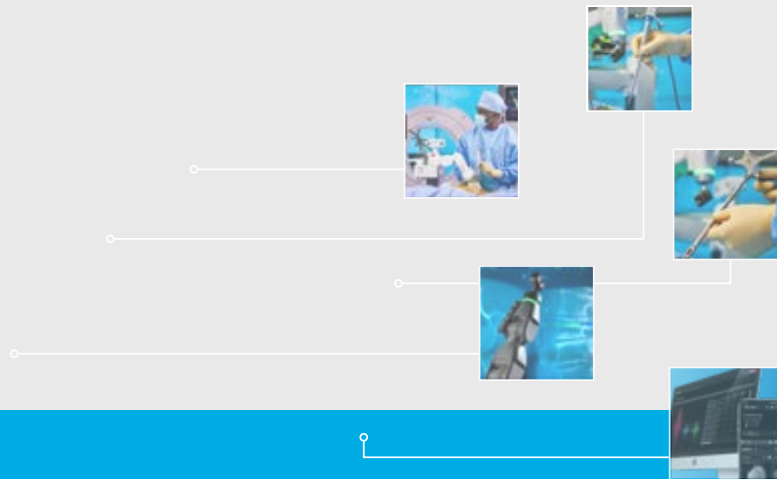
**7:30pm – 8:15pm**

**THE GREAT DEBATE:  
SETTING THE STAGE FOR SPINE TECH SUMMIT —  
NAVIGATION VS. ROBOTICS**

David Polly, M.D., Ron Lehman, M.D.

**8:15pm – 8:20pm**

Closing Comments | Guidance for Saturday



# AGENDA

Saturday, March 6  
9:00am-5:00pm EST



**9:00am – 9:05am**

Welcome

**9:05am – 9:10am**

**OVERVIEW OF THE DAY**

**9:10am – 9:30am**

**WHICH TECHNOLOGY IS RIGHT FOR MY PRACTICE?**

Ron Lehman, M.D., Leonard Kibuule, M.D.

**9:30am – 10:00am**

**WHERE TO BEGIN: BUILDING A CASE WITH YOUR ADMINISTRATION FOR YOUR TECHNOLOGY**

Private: Sharad Rajpal, M.D.

Hospital-Employed: Jeffrey Gum, M.D.

Surgeon Owned: Greg Poulter, M.D.

Moderator/Admin: Rick Chua, M.D. + Banner Administration

**10:00am – 10:15am**

**THE IMPORTANCE OF BUILDING YOUR CLINICAL A-TEAM**

David Polly, M.D.

**10:15am**

**INTRODUCING BREAKOUT SESSIONS**

Jeff Gum, M.D., Richard Chua, M.D.

Saturday, March 6  
9:00am-5:00pm EST



- 10:15am – 10:20am** **BREAK/TRANSITION TO BREAKOUTS:  
3 OPTIONS, ATTENDEES CAN SELECT 2**  
Current + Future Navigated and Robotic Procedural Solutions :  
Case Base Discussions
- 10:20am – 10:50am** **ROBOTICS AND NAVIGATION:  
TODAY AND TOMORROW ENABLING THE ENTIRE PROCEDURE  
WITH MIDAS REX™ AND INTERBODY  
NAVIGATION: Shane Burch, M.D., ROBOTICS: Jeffrey Gum, M.D.**  
**DEFORMITY CASE DISCUSSION:  
WHY NAV, WHY ROBOTICS, WHY BOTH?**  
MODERATOR: Ron Lehman, M.D.
- CASE 1: WHY NAVIGATION?**  
Yong Qiu, M.D.
- CASE 2: WHY ROBOTICS?**  
Greg Poulter, M.D.
- CASE 3: WHY BOTH?**  
Mr. Sean Molloy
- DEGEN CASE DISCUSSION:  
WHY NAV, WHY ROBOTICS, WHY BOTH?**  
MODERATOR: Richard Chua, M.D.
- CASE 1: WHY NAVIGATION?**  
John Asghar, M.D.
- CASE 2: WHY ROBOTICS?**  
Jed Vanichkachorn, M.D.
- CASE 3: WHY BOTH?**  
Terrence Kim, M.D.

Saturday, March 6  
9:00am-5:00pm EST



- 10:50am – 11:00am** **BREAK/TRANSITION TO BREAKOUTS:  
3 OPTIONS, ATTENDEES CAN SELECT 2**  
Current + Future Navigated and Robotic Procedural Solutions :  
Case Base Discussions
- 11:00am – 11:30am** **ROBOTICS AND NAVIGATION:  
TODAY AND TOMORROW ENABLING THE ENTIRE PROCEDURE  
WITH MIDAS REX™ AND INTERBODY  
NAVIGATION: Shane Burch, M.D., ROBOTICS: Jeffrey Gum, M.D.**  
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- CASE 2: WHY ROBOTICS?**  
Jed Vanichkachorn, M.D.
- CASE 3: WHY BOTH?**  
Terrence Kim, M.D.

# AGENDA *CONTINUED*

Saturday, March 6  
9:00am-5:00pm EST



- 11:30am – 11:35am** **BREAK**
- 11:35am – 11:55am** **CORE BENEFIT OF ALL ENABLING TECHNOLOGY: RADIATION REDUCTION**  
Sharad Rajpal, M.D.
- 11:55am – 12:25pm** **CT TO FLUORO VS. SCAN & PLAN: THE BENEFITS OF EACH WORKFLOW**  
Ron Lehman, M.D., Terrence Kim, M.D.
- 12:25pm – 12:35pm** **EXPANDING USE FOR THE O-ARM™ IMAGING SYSTEM: 2D LONG FILMS**  
David Polly, M.D.
- 12:35pm – 12:45pm** **EXPANDING USE OF NAVIGATION: TUMOR/TRAUMA APPLICATIONS**  
Patrick Sugrue, M.D.
- 12:45pm – 12:55pm** **MID DAY BREAK**
- 12:55pm – 1:15pm** **MAZOR™ OLIF360™ SINGLE POSITION VS LATERAL WITH THE FLIP VS STAGED**  
**MODERATOR:** Richard Chua, M.D. (FLIP), Jeffrey Gum, M.D. (STAGED), Leonard Kibuule, M.D. (SPS with NAV), Avery Buchholz, M.D. (SPS with Mazor™ Robotic Guidance)
- 1:15pm – 1:40pm** **PREDICTIVE ANALYTICS: WHY DOES DATA MATTER?**  
Chris Kleck, M.D.
- 1:40pm – 2:05pm** **THE NEW TECHNOLOGY FRONTIER: ADVANCED PATIENT PLANNING + ROBOTIC GUIDANCE**  
Greg Poulter, M.D.

# AGENDA *CONTINUED*

Saturday, March 6  
9:00am-5:00pm EST

**2:05pm – 2:10pm**

**INTRODUCING 2ND BREAKOUT SESSION**

**2:10pm – 2:15pm**

**BREAK/TRANSITION TO BREAKOUTS:  
3 OPTIONS, ATTENDEES CAN SELECT 2  
PLANNING, MATERIALS & THE SCIENCE**

**2:15pm – 2:45pm**

**UNiD™ PLANNING + DATA ANALYTICS**

Joseph Osorio, M.D., Zeeshan Sardar, M.D.

**OPTIMIZING DEFORMITY CONSTRUCT DESIGN:  
X-ALIGN™ PLANNING SOFTWARE**

Martin Pham, M.D.

**NAVIGATING THE NANO:  
BEST OF BOTH WORLDS**

Sharad Rajpal, M.D., Shane Burch, M.D.

**2:45pm – 2:55pm**

**BREAK/TRANSITION TO BREAKOUTS:  
3 OPTIONS, ATTENDEES CAN SELECT 2  
PLANNING, MATERIALS & THE SCIENCE**

**2:55pm – 3:25pm**

**UNiD™ PLANNING + DATA ANALYTICS**

Joseph Osorio, M.D., Zeeshan Sardar, M.D.

**OPTIMIZING DEFORMITY CONSTRUCT DESIGN:  
X-ALIGN™ PLANNING SOFTWARE**

Martin Pham, M.D.

**NAVIGATING THE NANO:  
BEST OF BOTH WORLDS**

Sharad Rajpal, M.D., Shane Burch, M.D.

**3:25pm – 3:35pm**

**BREAK**





# AGENDA *CONTINUED*

Saturday, March 6  
9:00am-5:00pm EST

**3:35pm – 4:05pm**

**WHAT I LEARNED IN MY FIRST 100 CASES TO ENABLE YOUR FIRST 10**

**MODERATOR:** Ron Lehman, M.D.,  
Richard Chua, M.D., Patrick Sugrue, M.D.,  
Shane Burch, M.D., Jeff Gum, M.D.

**4:05pm – 4:25pm**

**MAKING THE RIGHT CHOICE FOR YOUR PATIENTS**

David Polly, M.D., Ron Lehman, M.D.

**4:25pm – 4:35pm**

**FACULTY CLOSEOUT**

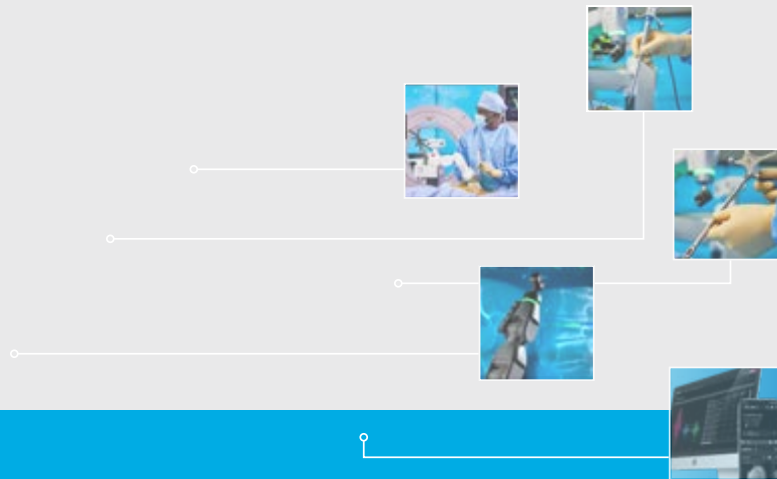
David Polly, M.D., Ron Lehman, M.D.

**4:35pm – 4:40pm**

**MEDTRONIC THANK YOU**

**4:40pm**

**ADJOURN**





## ACKNOWLEDGEMENTS

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