Institute for Surgical Excellence

ISE Consensus Conference 2026

Shaping Human AI Collaboration in Surgery

November 5-7, 2026

Lake Nona Wave Hotel • Orlando, Florida

Network **Wave Hotel** Password **NONE**

SurgicalExcel

the-institute-for-surgical-excellence/about/

surgicalexcellence.org

Institute for Surgical Excellence

ISE Consensus Conference 2026

All sessions will be in **Wave Ballroom A/B** unless otherwise noted.

DAY 1 · THURSDAY, NOVEMBER 5	
6:00 PM - 8:00 PM	**Registration & Information** • The Sculpture Garden
6:00 PM - 8:00 PM	**WELCOME RECEPTION** • The Sculpture Garden

DAY 2 · FRIDAY, NOVEMBER 6	
8:00 AM - 6:15 PM	**Registration & Information** • Wave Ballroom Foyer
8:00 AM - 8:45 AM	**Networking Breakfast** • Wave Ballroom C
8:45 AM - 9:00 AM	Welcome, Goals for Meeting and Introductions *Carla Pugh, MD, PhD, Justin Collins, MBChB, MD and Binita Ashar, MD, MBA*
9:00 AM - 9:15 AM	Overview of Previous AI in Surgery Consense Conference Meeting and Publication *Justin Collins, MBChB, MD*
9:15 AM - 9:45 AM	**KEYNOTE LECTURE** The Regulation of Medical and AI-Enabled Surgical Devices *Mark Trumbore, PhD and Julie Morabito, PhD, RAC - FDA*
9:45 AM - 11:15 AM	**Brief AI Updates** • Stanford *Calvin Perumalla, PhD* • UCL *Justin Collins, MBChB, MD* • Purdue *Denny Yu, PhD, MSE* • University of Buffalo *Gene Yang, MD, MS* • Advocate Health *Steven Hong, MD* • DARPA *Danyal Fer, Maj, USAF, MC* • University of Texas *Ann Majewicz Fey, PhD* • ORSI *Niki Rahidian, MD, PhD*
11:15 AM - 11:30 AM	**Break & Explore Technology Showcase** • Wave Ballroom C
11:30 AM - 1:00 PM	**Brief AI Updates** *continued* • SAGES *Oz Meireles, MD* • SRS *Martin A. Martino, MD, MBA* • ACS *Mark Cohen, MD* • ACOG *May H. Blanchard, MD* • Medtronic *Prof. Dan Stoyaniv* • Intuitive *Gretchen Jackson, MD, PhD* • Johnson & Johnson *Molly Flexman* • Karl Storz *Dustin Vaughan* • Surgical Science *Anders Larsson*
1:00 PM - 2:00 PM	**Networking Lunch** • Wave Ballroom C

Network **Wave Hotel**
Password **NONE**

SurgicalExcel | the-institute-for-surgical-excellence/about/ | surgicalexcellence.org

2:00 PM - 3:55 PM	**BREAKOUT GROUPS: Human-AI Surgical Excellence** **Group 1** Human Factors, Cognition & Interface Design • Wave Ballroom A/B *Justin Collins, MBChB, MD and Steven D. Schwaitzberg, MD, FACS* **Group 2** Team Dynamics, Workflow Integration & Hybrid ORs • Ignite (2nd Floor) *Gordon Wisbach, MD, MBA and Stephen Knych, MD* **Group 3** Collaborative Robots, Automation & Shared Autonomy • Fusion (2nd Floor) *Danyal Fer, Maj, USAF, MC and Steven Hong, MD*
3:55 PM - 4:10 PM	**Break & Explore Technology Showcase** • Wave Ballroom C
4:10 PM - 4:55 PM	Report from Group Co-Leaders
4:55 PM - 5:10 PM	Comparing Multi-Agent AI Delphi with Human Expert Consensus: A Retrospective Experiment *Jeffrey Levy, MD, Rakan Brahedni and Justin Collins, MBChB, MD*
5:10 PM - 5:20 PM	Day One Wrap-Up *Sharona Ross, MD and Martin A. Martino, MD, MBA*
5:20 PM - 6:15 PM	**Explore Technology Showcase** • Wave Ballroom C
6:30 PM - 9:00 PM	**ISE AI NETWORKING DINNER** • Garni (2nd Floor)

DAY 3 · SATURDAY, NOVEMBER 7	
8:00 AM - 3:00 PM	**Registration & Information** • Wave Ballroom Foyer
8:00 AM - 8:45 AM	**Networking Breakfast** • Wave Ballroom C
8:45 AM - 8:55 AM	Day Two Goals *Carla Pugh, MD, PhD, Justin Collins, MBChB, MD and Binita Ashar, MD, MBA*
8:55 AM - 10:45 AM	**BREAKOUT GROUPS: Human-AI Surgical Excellence** **Group 1** Human Factors, Cognition & Interface Design • Wave Ballroom A/B *Justin Collins, MBChB, MD and Steven D. Schwaitzberg, MD, FACS* **Group 2** Team Dynamics, Workflow Integration & Hybrid ORs • Ignite (2nd Floor) *Gordon Wisbach, MD, MBA and Stephen Knych, MD* **Group 3** Collaborative Robots, Automation & Shared Autonomy • Fusion (2nd Floor) *Danyal Fer, Maj, USAF, MC and Steven Hong, MD*
10:45 AM - 11:00 AM	**Break & Explore Technology Showcase** • Wave Ballroom C
11:00 AM - 11:45 AM	Report from Group Co-Leaders
11:45 AM - 12:30 PM	Delphi Survey: Part I *Justin Collins, MBChB, MD*
12:30 PM - 12:45 PM	ISE's Surgical AI Readiness and Implementation Framework *Jeffrey Levy, MD*
12:45 PM - 1:00 PM	Closing Remarks *Sharona Ross, MD and Martin A. Martino, MD, MBA*
1:00 PM - 2:00 PM	**Networking Lunch** • Wave Ballroom C
2:00 PM - 3:00 PM	**Explore Technology Showcase** • Wave Ballroom C
3:00 PM	Meeting Adjourns

Thank You

ISE AI 2026 INDUSTRY PARTNERSHIPS

PINNACLE

Medtronic

PLATINUM

INTUITIVE

BRONZE

Apella

Johnson&Johnson MedTech

STORZ KARL STORZ — ENDOSKOPE

LITLAB

PeritasAI

surgicalscience