Multidisciplinary Plenary Session:
A Robot in Every OR: Myth or Reality?
Thursday, September 11, 2025
7:45am - 8:45am
Director: Sharona Ross, MD
Faculty: Rahila Essani, MD FACS FASCRS, Jared Funston, MD, Mark O'Hern, MHA

Description: The vision of a robot in every operating room is becoming more tangible as surgical robotics continue to evolve. This session will provide a comprehensive look at the factors shaping the future of robotic surgery and its widespread adoption. Experts will explore the practicalities of robotic integration and address the economic realities, logistics, system interoperability, and factors that influence the acquisition and use of these technologies, including: What capabilities are essential, and how do institutions determine which platforms to adopt? How will the challenges of training and credentialing across multiple robotic systems be addressed? What is the role of consensus standards in shaping robotic training programs? Is a robot in every OR our inevitable future—or an enduring myth?

Agenda:

7:45am – 7:48am	Introduction Sharona Ross, MD
7:48am – 8:03am	Form and Function, which one(s) do I Need? Rahila Essani, MD, FACS, FASCRS
8:03am – 8:18am	An Economic Reality Check, Prices, Logistics, Interoperability Mark O'Hern, MHA
8:18am – 8:36am	Training and Credentialing on Multiple Platforms & Consensus Standards for Robotic Training Programs Jared Funston, MD
8:36am – 8:44am	Panel Discussion / Q&A ALL
8:44am – 8:45am	Concluding Remarks

Multidisciplinary Plenary Session:
What's New in Simulation and Using Simulation Without a SIM Center
Thursday, September 11, 2025
8:45am - 9:45am
Co-Directors: Ian A. Hodgdon, MD, Mireille Truong, MD
Faculty: John E. Morrison, MD, FACS, DRHC, MAMSE, Lauren Siff, MD

Description:
This session explores the evolving landscape of simulation in surgical training across surgical specialties.

Objectives: The objectives of the session will be to discuss current strategies for effective simulation and examine emerging trends such as virtual reality and how this is transforming surgical training. Attendees will gain valuable insights into adapting simulation to resource-limited environments, optimizing learner engagement, and integrating simulation into curriculum planning. By the end of the session, participants will have a comprehensive understanding of both foundational and cutting-edge approaches to simulation.

Agenda:

8:45am – 8:57am	Think Outside the Sim: Creative Solutions for Resource-Limited Surgical Training Mireille Truong, MD
8:57am – 9:09am	Using Nontraditional Resources to Aid in Surgical Education Ian A. Hodgdon, MD
9:09am – 9:21am	Transforming Surgical Education: Leveraging VR Technologies Lauren Siff, MD
9:21am – 9:33am	Surgical Bootcamp: How to Implement a Successful Longitudinal Simulation Curriculum John E. Morrison, MD, FACS, DrHC, MAMSE
9:33am – 9:45am	Q&A

Multidisciplinary Plenary Session:
The Present and Future of Robotic Surgery (Non-CME)
Thursday, September 11, 2025
10:45am - 12:45pm
Director: Sharona Ross, MD

Description: Interest in robotic surgery and applications of robotically assisted procedures continues to grow. The robotic surgical marketplace has been dominated by a single company for many years. However, this is rapidly changing with the continued evolution of multiport systems and the development and release of innovative systems from a growing group of new entrants in the field that offer a variety of solutions to solve surgical problems. This not for CME session brings together the leadership of some of the companies that are driving this wave of innovation. They will provide vignettes of the present and the future of robotic surgery. Learn the current status of multiport, single site, TORS, NOTES, and NOSCAR approaches, and what's on the horizon in robotics.

AGENDA:

10:45AM - 10:48AM: Introduction: Sharona Ross, MD

10:48AM- 11:30AM: Multiport Surgery:

11:30AM- 11:40AM: Panel Discussion (10min)

11:40AM- 11:58AM: Single Port Surgery:

11:58AM- 12:30PM: NO Incisions:

12:30PM -12:42PMPanel Discussion (12min)

12:42PM- 12:45PM: Concluding Remarks

Multidisciplinary Plenary Session:
Artificial Intelligence in Surgery: Enhancing Patient Care, Optimizing Workflows, and Lessons from Military Medicine
Friday, September 12, 2025
7:45am – 9:00am
Director: Paul Toomey, MD, FACS
Faculty: Brad Bichey, MD, MPH, Artur Horimoto, B.Eng,
Hassan Tetteh, MD, MBA, MPA, MS, FACS, FAMIA, MAMSE

Description: Artificial intelligence (AI) is transforming surgery—not just in automating administrative processes but in enhancing patient care, improving clinical decision-making, and optimizing surgical workflows. From preoperative risk stratification to AI-assisted post-surgical monitoring, AI is increasingly being integrated into surgical practice to support better patient outcomes, reduce cognitive overload, and streamline clinical workflows. This session will focus on real-world applications of AI in perioperative care, patient selection, surgical risk prediction, and workflow efficiency. Experts will discuss how AI is currently being used to augment decision-making, improve care coordination, and enhance the patient experience. Additionally, we will examine how military medicine has pioneered AI-driven solutions in high-stakes environments, optimizing triage, surgical logistics, and patient management—offering valuable lessons for civilian healthcare.

Session Objectives / Learning Outcomes:
By the end of this session, participants will be able to:

- Identify AI applications that enhance patient care, including AI-assisted triage, surgical planning, and postoperative monitoring.
- Understand how AI improves decision-making and workflow efficiency in surgical practice, reducing delays, improving patient throughput, and ensuring timely interventions.
- Examine lessons from military medicine on AI-driven triage, resource optimization, and surgical decision support, and how these innovations translate to civilian surgical care.
- Discuss strategies for integrating AI into surgical practice to improve patient safety, optimize team coordination, and enhance overall surgical outcomes.
- Analyze real-world case studies showcasing how AI has positively impacted surgical workflows, patient management, and clinical decision-making.

Agenda:

7:45am – 7:48am Introductions
Paul Toomey, MD, FACS

7:48am – 7:51am Opening Video

A dynamic introduction to AI's role in surgery, highlighting key themes and introducing the panelists.

7:51am – 8:48am Panel Discussion

7:51am – 8:05am AI's Role in Enhancing Patient Care

- AI-driven triage and risk stratification for surgical patients
- AI-assisted decision support in preoperative and postoperative care
- Balancing AI augmentation with human judgment in patient care

8:05am – 8:20am AI for Workflow Optimization & Surgical Efficiency

- AI's impact on reducing delays in surgical pathways
- Enhancing surgical team coordination and communication with AI
- Streamlining preoperative preparation and postoperative follow-ups

8:20am – 8:32am AI Lessons from Military Medicine & High-Stakes Decision Making

- AI in battlefield triage and emergency response
- Remote surgical guidance and AI-assisted logistics
- Adapting military AI innovations to high-volume surgical centers

8:32am – 8:44am The Future of AI in Surgery: Challenges, Ethics, and Opportunities

- Ethical considerations: bias, transparency, and accountability in AI-assisted decision-making
- Overcoming barriers to AI adoption in surgical practice
- Future innovations and what surgeons should anticipate in AI advancements

8:44am – 8:48am Closing Remarks & Key Takeaways

- Summary of AI's impact on surgical practice and patient care
- Practical next steps for integrating AI in clinical settings
- Final reflections on AI's evolving role in surgery

8:48am – 9:00am Q&A Discussion

Multidisciplinary Plenary Session:
Wellbeing and the Surgeon
Friday, September 12, 2025
9:00am – 10:00am
Director: Juan L. Salgado-Morales, MD, FACOG, FACS, MIGS
Co-Director: John E. Morrison, MD, FACS, DrHC, MAMSE
Faculty: Cara King DO, MS, Thiers Soares Raymundo, MD, Dr.h.c.

Description:
The well-being of surgeons is critical, yet often overlooked, as they face immense psychological challenges, including the emotional impact of surgical complications and impostor syndrome. Complications, even when unavoidable, can lead to feelings of guilt, shame, and diminished confidence, affecting performance and mental health. This emotional toll is compounded by the persistent self-doubt many surgeons experience due to impostor syndrome, where despite their expertise, they fear being exposed as inadequate. Without proper support, these factors can contribute to burnout and decreased effectiveness. Prioritizing mental health resources and fostering a supportive surgical culture are essential for improving both surgeon well-being and patient outcomes. This session will explore key contributors to burnout, including workplace stress, workload management, and emotional fatigue. It will also provide evidence-based strategies and actionable techniques to help participants mitigate or reduce burnout, fostering improved well-being and productivity."

Agenda:

9:00am – 9:05am	Introduction Juan L. Salgado-Morales, MD, FACOG, FACS, MIGS
9:05am - 9:15am	Achieving Work-life Balance Does Residency Programs Prepare Surgeons to Deal with Stress, Make a Balance with Personal Life and Profession? John E. Morrison, MD, FACS, DrHC, MAMSE
9:15am - 9:25am	Psychologic Impact of Complications Are We Preparing to Deal with Complications? Thiers Soares Raymundo, MD, Dr.h.c.
9:25am - 9:35am	Resilience in the OR: Navigating Stress in High Intensity Training Cara King, DO, MS

9:35am - 9:45am	Impostor Syndrome, Reality or a Myth? Juan L. Salgado-Morales, MD, FACOG, FACS, MIGS
9:45am - 10:00am	Q & A