

SAGES NBT INNOVATION WEEKEND



February 3-5, 2022 | Hilton Americas-Houston, Houston, TX



February 4-5, 2022

Thursday, Feb 3, 2022

Registration: 6:00-9:00pm

Welcome Reception: 6:00-9:00pm

Friday, Feb 4, 2022

7:00-7:50 AM | Breakfast

7:50-8:00 AM | Welcome and Introductions: Dr. Christopher Schlachta and Dr. Erik Wilson

8:00-11:45 AM | Surgical Artificial Intelligence and Digital Integration

This session will explore issues associated with integrating digital technology into surgical practice, evaluating the potential advantages and drawbacks of training and education with digital platforms as well as the changes digital analysis, augmented reality and machine learning can make in the operating room. Several sessions on these topics will be presented with a panel discussion for each session. Topics will include: Digital Analysis; Mediated Reality Imaging; Navigation; Computer Movement; Predictive Analytics; Procedures; Home Hospital; Data Ownership.

12:00-2:15 PM | Lunch / SAGES Shark Tank Semi Finals

The SAGES Shark Tank, which was kicked off with its full process last year and produced its first winner, is back with semifinals being set at the SDTS. Eight-ten innovations will be presented and evaluated with audience and panel participation, and an audience favorite will be announced. The finalists will be selected from the group for the Finals at SAGES 2022 Annual Meeting in March 2022 in Denver. Previous innovation winners from SDTS will report on their progress.

2:30-3:45 PM | An Innovators M&M

This session is a new twist on a regular event in the life of surgeons: the morbidity and mortality conference. M&M is an open forum where a surgeon discusses a complication that occurred from a surgical case with colleagues, analyzing it with an honest view to try to determine what could have been done better to improve the outcome. This M&M is no different, but the surgeons are replaced by innovators and the complication is not from a surgery but from a company and its devices. We will hear the cases, looking at past decisions and learning in hopes of making better moves in device development in the future. Each panelist will present a company or device followed by feedback from the audience.

3:45-5:00 PM | Paying for Innovation

The cost of innovation is a complex discussion with many facets. Topics to be discussed include: vehicles for financing new ideas and products; how investors including Wall Street view research and development; the financial dilution of the early investor; and the barriers to insurance coverage of evolving and growing procedures. These topics and others will be raised in a panel format.

6:30-9:00 PM | Innovation Dinner: Surgical Robotics is Raising the Floor or Raising the Ceiling?

6:30-7:00pm | Cocktails

7:00-9:00 PM | Dinner and Panel Discussion

The surgical innovation dinner this year will again focus on the changes in robotic platforms over the next several years. Many of the companies growing and driving into this space are represented on a panel as has occurred in past years of the Summit. Surgeons and developers will discuss the potential growth of surgical digital platforms and what are the key concepts to driving better surgery in an open forum with active participation by the audience. Special interest will be placed on how robotics is improving surgery and in the future.

Saturday, February 5, 2021

7:15-8:30 AM | Breakfast

8:00-10:00 AM | Endolumenal Surgery

This session will look at changes in advanced endolumenal procedures and devices with a discussion on how endolumenal surgery growing and changing. Topics will include: the great scope debate-reusable and one time use scopes changing the landscape of endoscopy; Defining the early adopter of endolumenal procedures and devices; Current analysis of endolumenal management of reflux and foregut disease; Endolumenal anastomotic techniques and devices.

10:00-10:20 AM | Break

10:20-11:50 AM | Bariatric/Foregut Procedures Session

With the obesity epidemic being the modern scourge of the United States and the majority of the world, bariatric interventions have a large future, warranting discussion and debate about what is changing in managing the disease. Topics will include: The horizon of surgery killing weight loss drugs; Duodenal resurfacing approaches for metabolic management; Space occupying devices of the stomach for weight loss; Endolumenal plication procedures for weight loss and metabolic improvement; Updates on gastric implants for weight loss.

12:00-1:15 PM | Lunch / Personal Stories of Innovation

This lunch presentation will allow developers to present a personal reason for the creation of a device or procedure based upon someone close to them dealing with a disease process. This particular motivation to innovation will be compared in an open discussion with other motivating factors to develop new devices or procedures.

1:15-2:30 PM | FDA Panel Discussion

This panel will present and discuss navigating the FDA approval process in the current environment for new devices in the surgical space. Issues to be addressed include the use of the breakthrough designation, changes in approval pathways and new approaches to digital platforms.

2:30-2:50 PM | Break

2:50 PM-5:00 PM | Digital Surgical Platforms: State of the Technology

This session will evaluate current, new to market, and potential digital surgical platforms which argue to become the new way we will operate and perform advanced procedures over the next 5 to 10 years. The future of surgery will be very engaging as robotic devices grow in the operating room.