embrace new technology.
amplify patient care.

March 4th-5th, 2018  |  Houston, Texas
surgicaldisruptivetechsummit.org
Welcome to the 2018 Surgical Disruptive Technology Summit.
On behalf of the Department of Surgery at the University of Texas Health Science Center at Houston and McGovern Medical School, I am pleased to have you in Houston to participate in the 2018 Surgical Disruptive Technology Summit.

The summit is supposed to be a different type of meeting. It should be a place where industry and providers have very open dialogue about the future of surgery and surgery practice. Industry representatives are welcome to discuss, ask questions, and debate with our surgeon and physician participants throughout the entire meeting. Our program provides a unique opportunity to hear from and interact with the executive leadership from a diverse array of companies involved in robotic, endolumenal, advanced laparoscopic, and imaging technologies. We have interactive and educational forum covering major topics in bariatric, foregut/anti-reflux, abdominal wall/hernia, colorectal surgery, surgical oncology and acute care surgery. There are significantly more panel discussions this year and a new session dedicated to how surgical practices are managed in the future. I am also excited to invite you to our social program on Monday evening at the Houston Livestock Show and Rodeo.

I hope you enjoy participating in this innovative meeting and I welcome you to Houston!

Sincerely,

Erik B. Wilson, MD, FACS
Do Surgical Societies Foster or Squash the Innovation of Surgery and Development of New Technology?

Surgical societies provide a forum for the exchange of ideas in surgery and almost every surgeon is an active member of multiple societies, attending annual meetings with relative frequency. As these societies mature, do they become too regulatory? Do they work against their members who are trying to innovate or provide a platform for safe innovation? Should surgical societies be advocates for their members or regulate their members or both? Each panel member will briefly define their perspective on surgical societies and what they are doing to help and hurt surgical innovation, followed by a comprehensive discussion with all panel members.

Moderated by Dr. Erik Wilson

Robots in EVERY Operating Room

Surgical robots are continuing to grow in number and yet after 15 years there is still debate about the value these digital platforms. The digital platforms offer promises of enhanced precision, superior vision, reality augmentation, and objective dense data analysis. As new robots come out, how soon before we have a surgical robot in every operating room? Each panel member will make an argument for how they see the mass adoption of robotics evolves followed by a comprehensive discussion with all panel members.
Getting Paid to Be a Surgical Innovator

Innovative devices and procedures are the engine of improved clinical outcomes and yet companies and providers who work to bring new devices and procedures to the masses climb a steep hill to get anything new adopted widely by the surgical community because of payment barriers. A product that gets past the FDA approval process then must navigate a gauntlet of payment challenges by hospital value committees and supply chain structures, while new procedures have to get past reimbursement barriers created by insurance carriers. Each panel member will briefly define the problem from their perspective and then prioritize what needs to be changed to allow innovation to flourish again, followed by a comprehensive discussion with all panel members.
Reflux & Foregut

Picasso III  Moderated by Dr. Paul F. Buckley III

8:00am - 8:30am | Dr. Reginald Bell
Current State of Anti-Reflux Surgery and its Future

8:30am - 8:45am | Dr. Brad Snyder
Nissen is The Devil’s Work: The Current Relevance of Legacy Fundoplication’s

8:45am - 9:00am | Dr. Brian Dunkin
Radiofrequency Treatment for GERD: Latest Evidence and Efficacy

9:00am - 9:15am | Dr. Shinil Shah
Transoral Fundoplasty for GERD: Latest Evidence, Efficacy, and Novel Uses

9:15am - 9:30am | Dr. Steven Leeds
Putting it All Together: Comparative Analysis of The Latest Techniques

9:30am - 10:00am
Break (Please visit the Exhibitor Booths.)

10:00am - 10:15am | Dr. Todd Wilson
GERD in The Morbidly Obese: Difficult Choices

10:15am - 10:30am | Dr. Paul F. Buckley III
Barrett's Esophagus: The Importance of Diagnosis and Treatment

10:30am - 10:45am | Dr. Steven Leeds
Achalasia Diagnosis and Treatment Options

10:45am - 11:00am | Dr. Stavros Stavropoulos
Variations in Technique of POEM: The First Endoscopic Replacement for Surgery

11:00am - 11:50am
Gastroesophageal Reflux Disease and the Death of Nissen
The Issue: Nissen fundoplication is still the gold standard procedure for GERD and yet 1 percent of reflux patients seek it. At the same time reflux based esophageal cancer is one of the fastest growing cancers in the country. What truly changes these trends? Each panel member will make an argument for what they feel will disrupt GERD treatment followed by a comprehensive discussion with all panel members.

Surgical Oncology Debate

Picasso I  Moderated by Dr. Curtis Wray

8:00am - 8:20am | Dr. Anil Pillai
PRO: Loco Regional Therapy for Hepatocellular Carcinoma: Too Much or Too Little?

8:20am - 8:50am | Dr. Julie Rowe
CON: Loco Regional Therapy for Hepatocellular Carcinoma: Too Much or Too Little?

8:50am - 9:20am | Dr. Phil Rascoe
PRO: Robotic Surgery for Esophageal / GE Junction Cancer

9:20am - 9:50am | Dr. Casey Duncan
CON: Robotic Surgery for Esophageal / GE Junction Cancer

9:50am - 10:20am
Break (Please visit the Exhibitor Booths.)

10:20am - 10:40am | Dr. Nirav Thosani
PRO: Endoscopic Ablation or Minimally Invasive Surgery for Pancreatic Neuroendocrine Tumors: Is it Ready for Primetime?

10:40am - 11:00am | Dr. Ryan Hall
CON: Endoscopic Ablation or Minimally Invasive Surgery for Pancreatic Neuroendocrine Tumors: Is it Ready for Primetime?

11:00am - 11:20am | Dr. Herb Zeh
PRO: Robotic Surgery for Pancreatic Cancer

11:20am - 11:40am | Dr. George Van Buren
CON: Robotic Surgery for Pancreatic Cancer
Colon & Rectal

Picasso I Moderated by Dr. Sam Atallah

1:00pm - 1:20pm | Dr. Stavros Stavropoulos
EMR, ESD and Endoscopic Full Thickness Resection (EFTR)

1:20pm - 1:35pm | Dr. H. Randy Bailey
Clean Colon with the Prep: Prepless Colonoscopy

1:35pm - 1:50pm | Dr. Stefanos Millas
Modern Diverticulitis Management: When and How Do I Operate?

1:50pm - 2:05pm | Dr. Bidhan Das
Sacral Nerve Stimulation

2:05pm - 2:20pm | Dr. Sam Atallah
Colorectal Surgery Beyond the Visible Light Spectrum

2:20pm - 2:50pm
Break (Please visit the Exhibitor Booths.)

2:50pm - 3:10pm | Dr. Scott McKnight
New Perspectives in Robotic and Colorectal Surgery

3:10pm - 3:30pm | Dr. Eric Haas
Laparoscopic Reduced Incision and Single Incision Colorectal Surgery

3:30pm - 3:50pm | Dr. Sam Atallah
Transanal Minimally Invasive and Robotic Surgery: Transanal TME

3:50pm - 4:10pm | Dr. H. Randy Bailey
Wait a minute: Open Colorectal Surgery is Still Better

4:10pm - 5:00pm

Innovation in Practice Management

Picasso III Moderated by Dr. Erik Wilson

1:00pm - 1:20pm | Dr. Rami Lufti
Optimal Contracting: Avoiding Failure in Surgical Employment Models

1:20pm - 1:40pm | Dr. Bill Massey
Pharmacogenetics and Personalized Healthcare

1:40pm - 2:00pm | Dr. Rachel Moore
Use of Social Media in a Surgical Practice

2:00pm - 2:20pm | Ms. Heather Flannery
Blockchain Technology in the Future of Healthcare

2:20pm - 2:50pm
Break (Please visit the Exhibitor Booths.)

2:50pm - 3:10pm | Dr. Sherman Yu
Surviving Surgical Private Practice: Physician Fees Aren’t Enough

3:10pm - 3:30pm | Ms. Stacy Kelley
Revenue Extension Models in Surgical Practice

3:30pm - 3:50pm | Dr. Steve Scott
Public Surgery and Private Surgery: An Analysis of the Future by Living in Both

3:50pm - 4:10pm | Dr. Rami Lufti
Taking Your Surgical Practice to the Next Level

4:10pm - 5:00pm

Private Practice: Is it Dying or is it Back to the Future?
The Issue: Surgical private practice has become increasingly difficult to sustain financially because of physician reimbursement not growing and often contracting over the past decades while overhead costs continue to rise. Does private practice die? Or does it change to something else with financial support models that include direct to patient services such as telemedicine, private pharmacies, private laboratories, and other services that are patient funded? The panel will present their viewpoints on whether private practice can and should adapt to the stringent financial and regulatory landscape.
Hernia

Picasso III Moderated by Dr. Todd Wilson

7:00am - 7:20am | Dr. Mike Liang
Prevention of Hernia Formation with Proper Closure Technique: What's Real?

7:20am - 7:40am | Dr. Philip Leggett
Port Site Closure and Preventing Port Site Hernias: Is This a Real Problem?

7:40am - 8:10am | Dr. David Earle
Transoral Hernia Repair

8:10am - 8:30am | Dr. Shinil Shah
Robotic Incisional Hernia Repair: The New Gold Standard?

8:30am - 9:00am | Dr. Jeremy Warren
Robotic and Advanced Abdominal Wall Reconstruction

9:00am - 9:30am
Break (Please visit the Exhibitor Booths.)

9:30am - 10:10am | Dr. Todd Wilson
Incisional Hernia Repair with Laparoscopic Suturing Devices: A Replacement for Robotic Hernia Repair?

10:10am - 11:00am | Dr. Stephen Badylak
Slowing Absorbing Meshes: What's the Indication?

How Do We Kill the Recurrent and the Incisional Hernia?
The Issue: Individual surgeons often report to having very low incisional hernia rates or very low recurrence rates after hernia repair. However, a large number of hernia repairs are recurrent hernias and incisional hernias remain a major problem. What needs to change to get rid of the incisional hernia and what needs to change to stop our hernia repairs from failing? Each panel member will present their perspective on the problem and their solutions followed by a comprehensive discussion with all panel members.

Bariatric

Picasso I Moderated by Dr. Steve Scott

7:00am - 7:15am | Ms. Heather Flannery
A Comprehensive Model to Bariatric Care

7:15am - 7:30am | Dr. Deborah Horn
Medical Weight Loss For Bariatric Surgery Patients: Merging The Fields

7:30am - 7:45am | Dr. Melissa Felinski
The Utility of Robotic Bariatric Surgery

7:45am - 8:00am | Dr. Steve Scott
Robotic Revisional Bariatric Surgery

8:00am - 8:15am | Dr. Helmuth Billy
Looped Bariatric Surgery: Is it Taking Off?

8:15am - 8:30am | Dr. Erik Wilson
Bringing Novel Bariatric Operations into Practice

8:30am - 9:00am
Break (Please visit the Exhibitor Booths.)

9:00am - 9:20am | Dr. Jon Thompson
Technique Standardization of Sleeve Gastrectomy with Clamps and Staplers: Can it be Done?

9:20am - 9:40am | Dr. Michael Talbot
Bariatric Leak Management: A Comprehensive Approach

9:40am - 9:55am | Dr. Steven Leeds
Endoscopic Leak Management with Sponges

9:55am - 10:15am | Dr. Rachel Moore
Intragastric Balloons: Where are they Headed?

10:15am - 10:35am | Dr. Reem Sharaia
Endolumenal Sleeve Gastroplasty and Gastric Plication: Rapidly Growing Primary Procedures

10:35am - 11:00am | Dr. Manoel Galvao-Neto
Endolumenal Novel Bariatric Approaches: Tubes, Barriers, Magnets, and Ablation

Halting the Obesity Epidemic: What's It Really Going to Take?
The Issue: Obesity continues to expand across the country and the world making us sicker as a society. When and how does this stop? More and better surgical treatment? Endolumenal procedures in earlier stage disease? Better medicines? Social engineering of the food supply? Each panel member will briefly present their opinion of the problem and what they feel will turn the tide, followed by an open moderated discussion with all panel members.
Panel Discussions

**Picasso III**  Moderated by Dr. Erik Wilson

1:00pm - 1:50pm  
**The FDA Approval Process: What is Working? What is Not?**  
*The Issue:* New technology requires the Food and Drug Administration to evaluate it before bringing it to the clinical market. This can be a slow process and can often have great cost. What is the FDA doing right during this process and what could be improved? Each panel member will present their specific experience in the approval process and what recommendations they would make to it better, faster, and cheaper while still protecting patients. This will be followed by a moderated panel discussion.

1:50pm - 2:40pm  
**Endolumenal Surgery: Does It Replace Incision Based Surgery?**  
*The Issue:* Endolumenal devices are being developed and brought to market to address surgical problems with the hope of avoiding incisions. Do these devices compete with surgery yet? Do the providers of these procedures become a different specialty? Who owns the space? Each panel member will present their experience with endolumenal devices and procedures and how they see this specialty evolving followed by a comprehensive discussion with all panel members.

2:40pm - 3:30pm  
**Procedures for the Diabetic Patient: Going Deeper than Bypass and Sleeve**  
*The Issue:* Diabetes is a complex pandemic in the world. We know that surgery manages diabetes better than medical therapy in most patients but is the future of diabetes all about sleeve gastrectomy and gastric bypass? Each panel member will make an argument for an alternative procedure for diabetes management followed by a comprehensive discussion with all panel members.

3:30pm - 4:20pm  
**Narcotic Drugs for Pain Control in Surgery: Is It Time to Stop?**  
*The Issue:* Opioid overdose has killed hundreds of thousands of Americans in the past decade and much research points to narcotic prescriptions as a major culprit. At the same time, postoperative pain needs to be effectively managed. Have non-narcotic pain management techniques reached the point where we can get rid of opioids in our treatment pathways? As non-narcotic enhanced recovery grows, does patient satisfaction drop and do patients complain we are no longer controlling pain? Each panel member will present their experience with enhanced recovery and modern pain management followed by an open panel discussion.
Invited Faculty Speakers

Dr. Barham Abu Dayyeh  
Mayo Clinic, Rochester, MI

Dr. Sam Atallah  
Center for Colon & Rectal Surgery, Florida Hospital

Dr. Stephen Badylak  
Professor, Dept. of Surgery, University of Pittsburgh – Pittsburgh, PA

Dr. Reginald Bell  
SOFI Center for Esophageal Wellness, Englewood, CO

Dr. Helmuth Billy  
Ventura Advanced Surgical Associate

Dr. Paul F. Buckley, III  
Scott & White, Round Rock, TX

Dr. Brian Dunkin  
Houston Methodist Hospital

Dr. David Earle  
Tufts Medical Center, Springfield, MA

Dr. Manoel Galvao-Neto  
Florida International University College of Medicine Miami, Florida

Dr. Eric Haas  
Colorectal Surgical Associates, Division of Colon and Rectal Surgery, Houston, TX

Dr. Steven Leeds  
Baylor Scott & White, Dallas, TX

Dr. Philip Leggett  
Houston Northwest Medical Center, Houston, TX

Dr. Rami Lufti  
Presence St. Joseph Hospital, Chicago, IL

Dr. Bill Massey  
Northwest University, Little Rock, AR

Dr. Rachel Moore  
Surgical Specialist of Louisiana

Dr. Steve Scott  
University of Missouri Healthcare

Dr. Reem Sharaiha  
Weill Cornell Medical College, New York, NY

Dr. Stavros Stavropoulos  
Winthrop Gastroenterology Associates, NYU Winthrop Hospital

Dr. Michael Talbot  
Upper GI Surgery, Kogarah, Australia

Dr. Jon Thompson  
Westchester Hospital – University of Cincinnati

Dr. George Van Buren  
Baylor College of Medicine – Houston, TX

Dr. Jeremy Warren  
Greenville Health System

Dr. Sherman Yu  
Texas Laparoscopic Consultants, Houston, TX

Dr. Herb Zeh  
University of Pittsburgh, Dept. of Surgery

UTHealth Faculty Speakers

Dr. Richard Andrassy  
Professor, Chair, Dept. of Surgery

Dr. Randy Bailey  
Professor, Dept. of Surgery

Dr. Bidhan Das  
Assistant Professor, Dept. of Surgery

Dr. Casey Duncan  
Assistant Professor, Dept. of Surgery

Dr. Melissa Felinski  
Assistant Professor, Dept. of Surgery

Dr. Ryan Hall  
Assistant Professor, Dept. of Surgery

Dr. Deborah Horn  
Clinical Assistant Professor, Dept. of Surgery

Dr. Mike Liang  
Associate Professor, Dept. of Surgery

Dr. Scott McKnight  
Assistant Professor, Dept. of Surgery

Dr. Stefanos Millas  
Associate Professor, Dept. of Surgery

Dr. Anil Pillai  
Associate Professor, Dept. of Radiology

Dr. Philip Rascoe  
Associate Professor, Cardiothoracic Surgery

Dr. Julie Rowe  
Assistant Professor, Dept. of Internal Medicine

Dr. Shinil Shah  
Assistant Professor, Dept. of Surgery

Dr. Brad Snyder  
Associate Professor, Dept. of Surgery

Dr. Nirav Thosani  
Assistant Professor, Dept. of Internal Medicine

Dr. Erik Wilson  
Professor, Vice Chair, Dept. of Surgery

Dr. Todd Wilson  
Associate Professor, Dept. of Surgery

Dr. Curtis Wray  
Associate Professor, Dept. of Surgery
Acknowledgement

UTHealth Elective General Surgery Division,
Department of Surgery

Dr. Amit Agarwal
Dr. Richard Andrassy
Dr. Erik Askenasy
Dr. H. Randolph Bailey
Dr. Kulvinder Bajwa
Dr. Joseph Cali
Dr. Lisa Chen
Dr. Marianne Cusick
Dr. Bidhan Das
Dr. Garth Davis
Dr. Casey Duncan
Dr. Obos Ekhaese
Dr. Melissa Felinski
Dr. Deborah Horn
Dr. Tanya Kajese
Connie Klein, NP
Dr. Omar Madriz
Dr. Scott McKnight
Dr. Sheilendra Mehta
Dr. Thomas Newton
Dr. Amanda Parker
Dr. Mark Pidala
Dr. John Primomo
Dr. Emily Robinson
Dr. Tamara Saunders
Dr. Shinal Shah
Dr. Brad Snyder
Dr. Michael Snyder
Dr. David Thompson
Dr. Michael Trahan
Dr. Erik Wilson
Dr. Todd Wilson
Dr. Curtis Wray
Carol Wolin-Riklin

We would like to thank the following companies for their generous support of our meeting through exhibit support:

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- Intuitive Surgical
- Mauna Kea Technologies
- Mederi Therapeutics
- NeoSurgical
- Shire
- Teleflex Medical
- TransEnterix
The Future of Trauma and Acute Care Surgery
On behalf of the Department at the University of Texas Health Science Center and McGovern Medical School, I welcome you to participate in the Future of Trauma and Acute Care Surgery Program at the 2018 Surgical Disruptive Technology Summit.

The spotlight this year will be on paradigm changes in hemorrhage control and resuscitation but this interactive and educational program will examine pushing the boundaries of surgical science and practice from multiple perspectives. This summit itself represents a departure from traditional formats and includes significantly more open dialogue with industry about the future of surgery. Trauma Specific Category 1 Self Assessment CMEs and CEUs are offered at the Future of Trauma and Acute Care Surgery Program on Monday. The Monday program is followed by the Houston Livestock Show and Rodeo social program that evening. We welcome you to join us.
**Morning Session**

**Van Gogh**  Moderated by Dr. Rondel Albarado

7:00am - 7:30am | Dr. Michelle McNutt
STAT IR: Is There a Double Standard?

7:30am - 8:00am | Dr. Nori Bradley
Disrupting Paradigms: The Role of Simulation

8:00am - 8:30am | Dr. Bryan Cotton
TEG And Whole Blood Use in Resuscitation

8:30am - 9:00am | Dr. Sasha Adams
STOP THE BLEED: The Civilian First Responder

9:00am - 9:30am
Break (Please visit the Exhibitor Booths.)

9:30am - 10:00am | Dr. Ethan Taub
Topical Hemostatics

10:00am - 10:30am | Dr. Laura Moore
REBOA: An Endovascular Approach to Hemorrhagic Shock Resuscitation

10:30am - 11:00am | Dr. Rondel Albarado
The Drama of Trauma Documentation

11:00am - 11:30am | Dr. Jessica Hudson
Pelvic Binders: “Wrap it Up”

11:30am - 12:00Pm | Dr. Jessica Cardenas
Update on Mechanisms of Trauma-Induced Coagulopathy

**Afternoon Session**

**Van Gogh**  Moderated by Dr. Rondel Albarado

1:00pm - 1:30pm | Dr. Caleb Mentzer
Endpoints of Resuscitation: When to Call it Quits

1:30pm - 2:00pm | Dr. Erika Gonzalez
From Bench to Bedside: Why Should the Clinician Care About the Glycocalyx?

2:00pm - 2:30pm | Dr. John Harvin
Direct Peritoneal Resuscitation

1:30pm - 2:00pm | Dr. Stacy Drake
Believing These 5 Myths About Preventable Trauma Death Rate Keeps You from Growing

3:00pm - 3:30pm | Dr. Lillian Kao
Learning Trauma Systems

3:30pm - 4:20pm | Picasso III
Narcotic Drugs for Pain Control in Surgery: Is It Time to Stop?
**The Issue:** Opioid overdose has killed hundreds of thousands of Americans in the past decade and much research points to narcotic prescriptions as a major culprit. At the same time, postoperative pain needs to be effectively managed. Have non-narcotic pain management techniques reached the point where we can get rid of opioids in our treatment pathways? As non-narcotic enhanced recovery grows, does patient satisfaction drop and do patients complain we are no longer controlling pain? Each panel member will present their experience with enhanced recovery and modern pain management followed by an open panel discussion.
Educational activity to enhance the trauma providers’ understanding of hemorrhagic shock resuscitation, pain management and other topics that have significantly advance beyond current practices by addressing the knowledge gap and addressing techniques to overcome common barriers, experienced implementation of rapidly changing best practices as evidenced by post activity testing.

Dr. Rondel Albarado
Special Thanks to our 2018 Planning Committee

Dr. Rondel Albarado
Dr. Sam Atallah
Dr. Paul F. Buckley III
Dr. Lillian Kao
Dr. Shini Shah
Dr. Erik Wilson
Dr. Todd Wilson
Dr. Curtis Wray
Salome Roe, Program Manager

Registration 2019

Mark your calendars for 2019 Surgical Disruptive Technology Summit coming Spring 2019. Pre-Registration will begin in Winter 2018.

Fees

Early Bird 2018: $250
December 2018: $275
January-February: $300
March 2019: $400

Exhibit Hours

Picasso II and Picasso Pre-Function
Sunday, March 3rd 8:00am-5:00pm
Monday, March 4th 8:00am-3:30pm