



# UNIVERSITY OF PITTSBURGH

## Department of Anesthesiology and Perioperative Medicine

Aman Mahajan, MD, PhD, MBA

Peter and Eva Safar Professor and Chair

Director of Perioperative Services, University of Pittsburgh Physicians/UPMC

# ASA Meeting Companion | ANESTHESIOLOGY 2019 October 19-23 | Orlando, FL

## Saturday, October 19, 2019

Title/Participants (presenter names in bold)	Begin	End	Location
Presentation: The Perioperative Management of Patients with LVADs Presenting for Noncardiac Surgery <b>Theresa A. Gelzinis, MD</b>	7:00 AM	5:00 PM	WA2
Session PN103: Management Dilemmas: What to Do When You Can't Transfuse Presentation Moderator: <b>Jonathan H. Waters, MD</b>	7:45 AM	8:45 AM	W314AB
Session 804A: Cadaveric Workshop on Advanced Skills that Every Physician Anesthesiologist Should Know: Workshop 1 Instructor: <b>Shawn T. Beaman, MD, FASA</b>	8:00 AM	12:00 PM	W205ABC
Session 805, Electrophysiology: Perioperative CIED Management, Temporary Pacing, Lead Removal, and Left Atrial Implant Devices Presentation Moderator: <b>Kimberly J. Howard-Quijano, MD, MS</b>	9:00 AM	12:00 PM	W209ABC
Presentation: Perioperative ICD Therapy Management and Magnet Use <b>Michael Boisen, MD</b>			
MCC1061/Monitor 06: A Suspected Amniotic Fluid Embolism After A Successful Spontaneous Vaginal Delivery with Subsequent Hemodynamic Compromise <b>Leath Abdullah, MD; Nicholas J. Schott, MD</b>	10:30 AM	10:40 AM	WA2
Session CMTE44: Innovation Committee Presentation Lead Speaker: <b>Aman Mahajan, MD, PhD, MBA</b>	11:00 AM	12:00 PM	Hyatt Regency Orlando-Celebration 4
Presentation MC1173/Monitor 15: Femur Fracture Repair in a Patient with Myasthenia Gravis and Poor Perfusion <b>Samuel Atherton, MD;</b> Kristin M. Ondecko Ligda, MD, FASA	11:10 AM	11:20 AM	WA2
Presentation MC1178/Monitor 15: Interscalene Brachial Plexus Block with Bupivacaine in a Patient with Type IV Hypersensitivity Reaction to Lidocaine <b>Daniel Bintrim, MD; Eric L. Davidson, MD</b>	12:00 PM	12:10 PM	WA2
Presentation F1064/25: Safety and Effectiveness of Sugammadex in Surgical Patients with End Stage Renal Disease: A Multi-Center Retrospective Analysis <b>Douglas Adams, MD;</b> Luis E. Tollinche, MD; Cindy Beng Imm Yeoh, MD; Jamie Artman, MSN, CRNA; Meghana Mehta, MS; Dennis P. Phillips, DO; Gregory W. Fischer, MD; Joseph J. Quinlan, MD; Tetsuro Sakai, MD, PhD, MHA, FASA	1:00 PM	2:30 PM	W206ABC

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Presentation A1094: Cost Efficiency Analysis of Sugammadex Compared to Neostigmine for Reversal of Rocuronium-induced Neuromuscular Blockade in a Large, Multi-hospital Healthcare System <b>Evan E. Lebovitz, MD</b> ; Neal K. Shah, MD; Sanford M. Littwin, MD, MBA; Mark E. Hudson, MD, MBA	1:15 PM	2:45 PM	W312AB
804B. Cadaveric Workshop on Advanced Skills that Every Physician Anesthesiologist Should Know: Workshop 2 Instructor: <b>Shawn T. Beaman, MD, FASA</b>	1:15 PM	5:15 PM	W205ABC
RA - MCC02, Monitor 16, Facilitator: <b>Charles B. Luke, MD, MBA, FASAM</b> PE - MCC02, Monitor 11, Moderator: <b>Ryan Ball, MD, FASE</b>	2:00 PM	4:00 PM	WA2
Presentation A1073/Monitor 01: Erector Spinae Blocks in the Pediatric Patient: A Case Series <b>Archana Singaravelu Ramesh, MBBS</b> ; Faraz Quraishi, MD; Bartel William, MD; Plinio P. Silva, MD, MPH; Franklyn P. Cladis, MD; Denise M. Hall-Burton, MD	2:15 PM	2:45 PM	WA2 - Area B
Presentation A1035/Monitor 03: Incremental Value of Intraoperative Transthoracic Echocardiography to Guide and Verify Placement of Venous Air Embolism Suction Cannula in Neurosurgical Patients <b>Samuel J. Goldstein, MD</b> ; Evan E. Lebovitz, MD; Kathirvel Subramaniam, MD, MPH, FASE; Brian T. Gierl, MD; Ezeldeen Abuelkasem, MBBCh, MSc	2:45 PM	3:15 PM	WA2 - Area D
Presentation: Professionalism Problems for and with Trainees <b>Franklyn P. Cladis, MD</b>	2:45 PM	4:45 PM	W310AB
Session AD04-1 - Clinical Circulation Abstract Moderator: <b>Kimberly J. Howard-Quijano, MD, MS</b>	3:00 PM	4:30 PM	W312C

## Sunday, October 20, 2019

Title/Participants (presenter names in bold)	Begin	End	Location
FA - MCC03, Monitor 4, Facilitator: <b>Catalin S. Ezaru, MD</b>	7:30 AM	9:30 AM	WA2
MC2176/Monitor 15: Technically Difficult Pre-Operative Nerve Block for a Burn Patient with Significant Skin Changes <b>Stephen Frabitore, MD</b> ; Claudia Mulock, MD; Michael J. Gemma, MD; Kristin M. Ondecko Ligda, MD, FASA	8:40 AM	8:50 AM	WA2
Session 822: Perioperative Point of Care Ultrasound Presentation Faculty: <b>Michael Boisen, MD</b>	9:00 AM	12:00 PM	W205ABC
Session 823A: Perioperative ACLS Simulation Workshop (A-ACLS) Presentation Faculty: <b>William R. McIvor, MD, FASA</b>	9:00 AM	12:00 PM	W208ABC
Presentation: Regional Anesthesia for the Obese Patient – Tips and Tricks <b>Kristin M. Ondecko Ligda, MD, FASA</b>	9:15 AM	10:15 AM	W311EF

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Presentation F2054/14: Liposomal Bupivacaine Infiltration in the Surgical Site for Analgesia after Rotator Cuff Repair Nicole Verdecchia, MD; Mark Rodosky, MD; Michael L. Kentor, MD; <b>Steven L. Orebaugh, MD</b>	10:00 AM	11:30 AM	W206ABC
CC - MCC04, Monitor 10, Moderator: <b>Raymond M. Planinsic, MD, FASA</b>	10:00 AM	12:00 PM	WA2
Presentation: Opioid and Pain Management for Cardiac Surgery <b>Kathirvel Subramaniam, MD, MPH, FASE</b>	10:30 AM	11:30 AM	W311EF
Presentation: Regional Anesthesia for Management of Cardiac Arrhythmias <b>Kimberly J. Howard-Quijano, MD, MS</b>	10:30 AM	11:30 AM	W311EF
Presentation: Inhalation Induction <b>Peter J. Davis, MD, FAAP</b>	10:30 AM	11:30 AM	W304CD
Presentation MC2263/Monitor 05: Fiberoptic Intubation Due to Ball-valve Obstructing Reinke's Edema Mass <b>Juan Rango, MD</b> ; David A. Maerz, MD; Brian Bane, MD	10:40 AM	10:50 AM	WA2
Presentation MC2358/Monitor 13: Postpneumonectomy-like Syndrome in a Pediatric Patient with Right-sided Congenital Lung Hypoplasia and a Concomitant Bleeding Disorder: A Case Report <b>Lilinete Polsunas, MD</b> ; Yaqi Hu, MD; Phillip S. Adams, DO	10:40 AM	10:50 AM	WA2
Presentation MC2228/Monitor 02: Management of a Patient with Necrotizing Fasciitis with Severe Aortic Stenosis and NSTEMI Leading to Acute Decompensated Heart Failure <b>Christopher McNulty, MD</b> ; Theresa A. Gelzinis, MD	10:40 AM	10:50 AM	WA2
Presentation MC2278/Monitor 06: Multidisciplinary Management of a Parturient Undergoing Cesarean Section on Dual Antiplatelet Therapy Within One Month of Intracranial Stent Placement on Cangrelor <b>Chad Dean, MD</b> ; Laura Gershon, MD; Jonathan H. Waters, MD	11:10 AM	11:20 AM	WA2
Presentation MC2279/Monitor 06: Successful Perinatal Management of a Woman with McArldle Disease: A Case Report <b>Chad Dean, MD</b> ; Lauri Adler, MD; Susan McElroy, DO; Grace Lim, MD, MS	11:20 AM	11:30 AM	WA2
Presentation MC2389/Monitor 15: High Spinal and Failed Intravenous Access Following Neuraxial Block with Isobaric Bupivacaine <b>Daniel Huettner, MD</b> ; Kristin M. Ondecko Ligda, MD, FASA	11:50 AM	12:00 PM	WA2
Session SPE19, FAER/eSAS: A Day for New Researchers: MSARF Poster Viewing and Moderated Presentations			
Presentation: Extended Perineural Analgesia after Hip and Knee Replacement when Buprenorphine-Clonidine-Dexamethasone is Added to Bupivacaine: Preliminary Report from a Prospective Clinical Trial <b>Henry Paiste</b> (mentor: Brian A. Williams, MD, MBA)	12:30 PM	2:00 PM	W415C Valencia
Presentation: Perinatal Pain and Clinical Psychiatric Diagnosis of Depression <b>Ezoza Rajabaliev</b> (mentor: Grace Lim, MD, MS)			

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*Presentation F2092/16: Cost Efficiency Analysis of Sugammadex Compared to Neostigmine for Reversal of Rocuronium-induced Neuromuscular Blockade in a Large, Multi-hospital Healthcare System <b>Evan E. Lebovitz, MD; Neal K. Shah, MD; Sanford M. Littwin, MD, MBA; Mark E. Hudson, MD, MBA</b>	1:00 PM	2:30 PM	W206ABC
CA - MCC05, Monitor 2, Facilitator: <b>Joshua Knight, MD</b> RA - MCC05, Monitor 15, Moderator: <b>Nicholas J. Schott, MD</b>	1:00 PM	3:00 PM	WA2
WISP1 and TLR4 Signaling in Ventilator-Induced Lung Injury <b>Li-Ming Zhang, MD</b>	1:30 PM	3:30 PM	W415A Valencia
Session CMTE101: Perioperative Medicine Educational Track Subcommittee Presentation Lead Speaker: <b>Aman Mahajan, MD, PhD, MBA</b>	1:00 PM	2:30 PM	Hyatt Regency Orlando- Rainbow Spring I
Presentation: Collaboration with Neuroscientists and Bioengineers - Finding Relevance and Sustainability in a Research Team <b>Keith M. Vogt, MD, PhD</b>	2:00 PM	3:30 PM	W415C Valencia
Presentation MC2514/Monitor 08: Administration of High Dose Hydroxocobalamin (b12) in the ICU for the Treatment of Refractory Vasodilatory Shock in a Post Renal Transplant Patient <b>Philip C. Carullo, MD; Ali Al-Khafaji, MD, MPH</b>	2:10 PM	2:20 PM	WA2
Presentation A2277: Developing Anesthesiology as a Cost-savings Leader Through a Smoking Cessation Program in a Chronic Pain Clinic <b>Neal K. Shah, MD; Susan E. Jarquin, PhD; Andrea G. Gillman, PhD; Ajay D. Wasan, MD, MSc; Trent D. Emerick, MD, MBA</b>	3:15 PM	4:45 PM	W312C
OB - MCC06, Monitor 7, Facilitator: <b>Patricia Dalby, MD</b>	3:30 PM	5:30 PM	WA2
Presentation MC2641/Monitor 02: A Case of Methylenetetrahydrofolate Reductase Gene Mutation and Left Ventricular Outflow Tract Injury During Cardiac Surgery <b>Krupa Patel, BA; Daniel R. Mandell, MD; Philip C. Carullo, MD; Kevin Pardo, MD; Christopher Scortino, MD; Theresa A. Gelzinis, MD</b>	3:50 PM	4:00 PM	WA2
Presentation MC2674/Monitor 05: Acute Management and Workup of Anaphylaxis in the Operating Room <b>Neal K. Shah, MD; Peter Ritchie, MD</b>	4:00 PM	4:10 PM	WA2
SPE24 FAER/eSAS: A Day for New Researchers: RSP Poster Viewing and Moderated Presentations Moderator: <b>Keith M. Vogt, MD, PhD</b>	4:30 PM	5:30 PM	W415C Valencia

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**Alumni Reception**  
**Hilton Orlando, Room Lake Mizell**  
**6001 Destination Parkway, Orlando, FL**  
**Sunday, October 20, 6:00 PM – 9:00 PM**

## Monday, October 21, 2019

Title/Participants (presenter names in bold)	Begin	End	Location
Session 833A: Workshop for Management of the Difficult Airway Including Simulation and Ultrasound Presentation Co-Moderator: <b>Joseph J. Quinlan, MD</b> Presentation Faculty: <b>Shawn T. Beaman, MD, FASA; Michael Boisen, MD; Robert G. Krohner, DO; David G. Metro, MD, FASA; Stephen M. McHugh, MD; Ryan C. Romeo, MD; Elizabeth A. Ungerman, MD, MS; Cynthia M. Wells, MD</b> Presentation Speaker: <b>Ezeldeen Abuelkasem, MBBCh, MSc</b>	8:00 AM	12:00 PM	W206ABC
Session CF09: Where Bits and Bytes Meet Flesh and Blood: The Patient Safety Threat of Medical Cybersecurity Presentation Speaker: <b>Kristin M. Ondecko Ligda, MD, FASA</b>	9:30 AM	10:30 AM	W310AB
Presentation MC3001/Monitor 01: RV Failure in Setting of Rapid Transfusion <b>Samuel J. Goldstein, MD;</b> Patrick J. Kennedy, MD; Joshua B. Knight, MD; Ezeldeen Abuelkasem, MBBCh, MSc	9:30 AM	9:40 AM	WA2
NA - MCC07, Monitor 16, Facilitator: <b>Keith M. Vogt, MD, PhD</b>	9:30 AM	11:30 AM	WA2
Presentation: One Lung Ventilation: Techniques, Tips, and Troubleshooting <b>Theresa A. Gelzinis, MD</b>	10:45 AM	11:45 AM	W307ABCD
PE - MCC08, Monitor 11, Facilitator: <b>Elizabeth Ungerman, MD</b>	1:00 PM	3:00 PM	WA2
Presentation: Update on Pacemakers and Defibrillators <b>Kimberly J. Howard-Quijano, MD, MS</b>	1:15 PM	2:15 PM	W414AB
*Session 833B: Workshop for Management of the Difficult Airway Including Simulation and Ultrasound Presentation Co-Moderator: <b>Joseph J. Quinlan, MD</b> Presentation Faculty: <b>Shawn T. Beaman, MD, FASA; Michael Boisen, MD; Robert G. Krohner, DO; David G. Metro, MD, FASA; Stephen M. McHugh, MD; Ryan C. Romeo, MD; Elizabeth A. Ungerman, MD, MS; Cynthia M. Wells, MD</b> Presentation Speaker: <b>Ezeldeen Abuelkasem, MBBCh, MSc</b>	1:15 PM	5:15 PM	W206ABC
Presentation: Phenotypes of the Multigenerational Workforce: Key Features to Recognize When Building Multigenerational Teams <b>Aman Mahajan, MD, PhD, MBA</b>	1:15 PM	2:15 PM	W415B Valencia
Presentation MC3371/Monitor 15: Stellate Ganglion Block for Refractory Ventricular Tachycardia <b>Donald Miller, MD;</b> John J. Hache, MD; Trent D. Emerick, MD, MBA	1:20 PM	1:30 PM	WA2
*Presentation A3177: Liposomal Bupivacaine Infiltration in the Surgical Site for Analgesia after Rotator Cuff Repair <b>Nicole Verdecchia, MD;</b> Mark Rodosky, MD; Michael L. Kentor, MD; Steven L. Orebaugh, MD	3:15 PM	4:45 PM	W312C

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Presentation A3197/Monitor 02: The Utility of External Laryngeal Manipulation on Videolaryngoscopic View of the Glottis in a Cadaver Model

**Lindsay Hahn, MD**; Steven L. Orebaugh, MD;  
James V. Snyder, MD; Hernando Gomez, MD;  
John Wallisch, MD; Brian Spence, BA

3:30 PM

4:00 PM

WA2 - Area A

## Tuesday, October 22, 2019

Title/Participants (presenter names in bold)	Begin	End	Location
*Presentation A4020: Safety and Effectiveness of Sugammadex in Surgical Patients with End Stage Renal Disease: A Multi-Center Retrospective Analysis <b>Douglas Adams, MD</b> ; Luis E. Tollinche, MD; Cindy Beng Imm Yeoh, MD; Jamie Artman, MSN, CRNA; Meghana Mehta, MS; Dennis P. Phillips, DO; Gregory W. Fischer, MD; Joseph J. Quinlan, MD; Tetsuro Sakai, MD, PhD, MHA, FASA	7:30 AM	9:00 AM	W300
Presentation: Implementing Value Based Care and Clinical Pathways for Surgery and Postoperative Care <b>Aman Mahajan, MD, PhD, MBA</b>	7:45 AM	8:45 AM	W308ABCD
Presentation: Preparation for Professional Development and Advancement: Developing Your Portfolio and Curriculum Vitae: Assistant Professor <b>Kristin M. Ondecko Ligda, MD, FASA</b>	7:45 AM	8:45 AM	W311EF
Presentation: Blocks used for Treatment of Cardiac Arrhythmias <b>Kimberly J. Howard-Quijano, MD, MS</b>	8:00 AM	12:00 PM	W205ABC
Presentation A4157: Evolution of an Anesthesiology Value Metrics Incentive Program and Its Financial Impact in a Large Academic Healthcare System <b>Neal K. Shah, MD</b> Evan E. Lebovitz, MD; Jamie Artman, MSN, CRNA; Sanford M. Littwin, MD, MBA; Mark E. Hudson, MD, MBA	1:00 PM	2:30 PM	W312AB
Presentation A4158: Overlapping Surgery Scheduling Model and Its Financial Implications for a Department of Anesthesiology <b>Neal K. Shah, MD</b> ; Sara J. Straesser, MD; Sanford M. Littwin, MD, MBA	1:00 PM	2:30 PM	W312AB
Presentation: Interventional Treatment of Atrial Fibrillation <b>Theresa A. Gelzinis, MD</b>	2:15 PM	3:15 PM	W314AB
Presentation: Postoperative Management of Pulmonary Hypertension - ICU/HDU/Floor <b>Kathirvel Subramaniam, MD, MPH, FASE</b>	2:15 PM	3:15 PM	W311EF
Presentation: Organizing Systematic Approaches to Quality Improvement in Obstetric Anesthesia <b>Grace Lim, MD, MS</b>	3:30 PM	4:30 PM	W414AB

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## National Representation

**Aman Mahajan, MD, PhD, MBA:** ASA Ad Hoc Committee on Brain Health Initiative; ASA Ad Hoc Committee on Payment Reform; ASA Committee on Annual Meeting Oversight; ASA Educational Track Subcommittee on Cardiac Anesthesia; ASA Committee on Innovation (Chair); ASA Educational Track Subcommittee on Perioperative Medicine (Chair); ASA Committee on Practice Management; ASA Alternate Delegate; Society of Cardiovascular Anesthesiologists (SCA) / STS Database Subcommittee; SCA Atrial Fibrillation Working Group

**Shawn T. Beaman, MD:** ASA Committee on Trauma and Emergency Preparedness

**Michael Boisen, MD:** SCA Guidelines and Standards Sub-Committee (Vice-Chair); SCA Guidelines and Standards Sub-Committee (Vice-Chair)

**Franklyn P. Cladis, MD:** Society for Pediatric Anesthesia (SPA) Graduate Medical Education Task Force; SPA Education Committee; SPA SIG Pediatric Craniofacial Collaborative Group; SPA Women's Empowerment and Leadership Initiative; Advancing Pediatric Anesthesiology Through Gender Equality (WELI) Board

**Patricia L. Dalby, MD:** Society for Obstetric Anesthesia and Perinatology (SOAP) Education Committee (Awards); SOAP International Outreach Committee; SOAP Membership Committee; SOAP OB Anesthesia Fellowship Committee

**Peter J. Davis MD, FAAP:** Anesthesia Patient Safety Foundation Committee on Scientific Evaluation; SPA WELI Board

**Stephen Frabitore, MD:** PSA Resident Component (delegate)

**Alejandra Hernandez, MD:** SPA Global

**Andrew Herlich, DMD, MD, FAAP, FASA:** ASA Committee on Ambulatory Surgical Care; ASA Committee on Communications

**Kimberly J. Howard-Quijano, MD, MS:** ASA Committee on Cardiovascular and Thoracic Anesthesia; ASA Abstract Review Subcommittee on Clinical Circulation; ASA Educational Track Subcommittee on Cardiac Anesthesia; SCA Echo Week Program Committee

**Mark E. Hudson, MD, MBA:** ASA Committee on Practice Management; Pennsylvania Society of Anesthesiologists (PSA) Board of Directors, ASA House of Delegates (alternate delegate)

**Grace Lim, MD, MS:** SOAP Centers of Excellence Committee; SOAP/ASRA/SMFM Task Force on Peridelivery Pain Management in Women with Opioid Use Disorders; SOAP Subspecialty Education Committee (Chairperson); SOAP Task Force for OB/GYN Education on OB Anesthesia

**Michael Massey, MD:** PSA Resident Component (alt. delegate)

**William R. McIvor, MD, FASA:** ASA Editorial Board for Simulation-based Training

**Kristin M. Ondecko Ligda, MD, FASA:** ASA Ad Hoc Committee on Women in Anesthesia; ASA Committee on Professional Diversity; ASA Committee on Young Physicians; PSA Board of Directors, ASA House of Delegates (delegate); PSA Residents and Medical Students Committee (Chairperson)

**Raymond M. Planinsic, MD, FASA:** ASA Committee on Transplant Anesthesia

**Tetsuro Sakai, MD, PhD, MHA, FASA:** Society for the Advancement of Transplant Anesthesia (SATA) Executive Board, President-Elect

**Nicholas J. Schott, MD:** American Society of Regional Anesthesia and Pain Medicine, Program Directors Committee

**Neal Shah, MD:** PSA Resident Component (President)

## National Representation

**Kathirvel Subramaniam, MD, MPH, FASE:** SATA Executive Council (Member); SATA Thoracic Transplant Committee (Chair)

**Erin A. Sullivan, MD, FASA:** ASA Ad Hoc Committee on Access to Safe Pediatric Anesthesia Care; ASA Committee on Communications; ASA Committee on Governmental Affairs; ASA Committee on Governance Effectiveness and Efficiencies; ASA Committee on Professional Affairs (Chair); Committee on Professional Education Oversight; ASA Committee on Surgical and Procedural Anesthesia; ASA Board of Directors (District IX Director, Pennsylvania); SCA Fellowship Program Directors Council

**Keith M. Vogt, MD, PhD:** Association of University Anesthesiologists Council (eSAS representative)

**K. Karisa Walker, MD, FAAP:** SPA Pediatric Anesthesia Program Directors Association

**Jonathan H. Waters, MD:** ASA Committee on Patient Blood Management; ASA Committee on Pain Medicine; SOAP International Outreach Committee; SOAP Patient Safety Committee

**Yan Xu, PhD:** Foundation for Anesthesia Education and Research, Academy of Research Mentors in Anesthesiology

## About the Pitt/UPMC Department of Anesthesiology and Perioperative Medicine

As one of the largest academic anesthesiology departments in the nation, we comprise over 200 faculty members and over 460 CRNAs managing over 300,000 cases annually at 17 clinical sites within the UPMC hospital system. Our renowned graduate medical education programs train more than 100 physicians a year through two residency programs and 10 subspecialty fellowship programs. We are a national leader in anesthesiology and pain research with funded grants topping \$6.8 million, two NIH T32 research training programs, and our own industry-sponsored clinical trials program.

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