

**Creating an Innovation Ecosystem Within a Legacy Healthcare Model**

*Sanjeev Aggarwal, MD, Beaumont Medical Group, Southfield MI, USA*

**Intercostal Neurostimulation for Acute Pain Control**

*Usman Ahmad, MD, Cleveland Clinic, Cleveland OH, USA*

**Bioprosthetic Valve Fracture (BVF): Is it Durable and Clinically Meaningful at 1-year Follow up?**

*Keith Allen, MD, St. Luke's Mid America Heart Institute, Kansas City MO, USA*

**Tracheal Bioengineering**

*Faiz Bhora, MD, Health Quest Health System, Poughkeepsie NY, USA*

**The Value of a Mid Career Sabbatical**

*Steven Boyce, MD, Chevy Chase MD, USA*

**Transcatheter Mitral Valve Chordal Repair: The Pipeline Device**

*Douglas Boyd, MD, East Carolina University, Greenville NC, USA*

**Economic Analysis of Active Tube Clearance After Cardiac Surgery**

*Edward Boyle, MD, St Charles Medical Center, Bend OR, USA*

**Interesting TAVR cases**

*Wen Cheng, MD, Cedars Sinai Medical Center, Los Angeles CA, USA*

**What are Medical Students Being Taught About Heart Disease?**

*George Christakis, MD, Sunnybrook Health Science Centre, Toronto Ontar. CAN*

**CarWash**

*William Cohn, MD, Johnson & Johnson, Houston TX, USA*

**International Database for Cardiac Tumours: Do We Really Need One?**

*RJ Cusimano, MD, Toronto General Hospital, Toronto Ontar, CAN*

**Disruption of Healthcare Recruitment As We Know It!**

*Jacob DeLaRosa, MD, Idaho State University, Pocatello ID, USA*

**Pulmonary Suffusion to Control Minimal Residual Disease after Sarcoma Metastasectomy**

*Todd Demmy, MD, Roswell Park Cancer Institute, Buffalo NY, USA*

**Bioengineered CV Implants**

*Max Emmert, MD, University Hospital Zurich, Zurich, SWITZ*

**HealthChain Solutions; Putting the Healthcare Supply Chain on the Blockchain**

*Daniel Engelman, MD, Baystate Medical Center, Springfield MA, USA*

**Correlation of Short-Term and Long-Term Performance in Lung Cancer Surgery**

*Felix Fernandez, MD, Emory Division of Cardiothoracic Surgery, Atlanta GA, USA*

**Adventures in Sealing Air Leaks in Pigs**

*Rick Fischel, MD, Precision Thoracic LLC, Orange CA, USA*

**Your Animal Magnetism Reveals Your CardioVascular Health - the MCG Heart Scan**

*James Fonger, MD, CardioScout Solutions Inc, Atlanta GA, USA*

**"Growable" Vascular Conduit**

*Joe Forbess, MD, Lurie Children's Hospital of Chicago, Chicago IL, USA*

**Ten Reasons Why Artificial Cordal Replacement Beats Resection in Degenerative Mitral Valve Repair**

*James Gammie, MD, University of Maryland, Baltimore MD, USA*

**3D CTA Model to Identify Incidence of Coronary Obstruction with TAV-in-TAV in Low Risk Patients**

*Kendra Grubb, MD, Emory Division of Cardiothoracic Surgery, Atlanta GA, USA*

**Da Vinci Xi Robotic TECAB With EBAY Acquired Coronary Stabilizer**

*Sloane Guy, MD, Thomas Jefferson University, Sidney Kimmel Medical College, Philadelphia PA, USA*

**Photogrametric Virtual Reality: Gamification of Surgical Training**

*Doug Johnston, MD, Cleveland Clinic, Cleveland OH, USA*

**Is SAVR dead?**

*Tsuyoshi Kaneko, MD, Brigham and Women's Hospital, Boston MA, USA*

**The Health Care and Economic Advantages of Computer-Assisted Surgical Systems**

*Kemp Kernstine, MD, University of Texas Southwestern Medical Center, Dallas TX, USA*

**Entrepreneurial Medical Ventures: Lessons Learned**

*Glenn Laub, MD, Drexel CT Surgery at Hahnemann University Hospital, Philadelphia PA, USA*

**An Unusual Hybrid Option for Inoperable Radiation Heart Disease**

*Simon Maltais, MD, Mayo Clinic, Rochester MN, USA*

**Novel Urinary Catheter for Spinal Cord Patients**

*John Mehall, MD, Centura Health, Colorado Springs CO, USA*

**Alternative Perfusion Strategies for Robotic Cardiac Surgery**

*Thomas Molloy, MD, Northwest Regional Heart & Vascular, Portland OR, USA*

**One Patch ECG Monitoring**

*Byung Moon, MD, Southlake Regional Health Centre - Cardiac Surgery, Newmarket Ontar, CAN*

**Real World Use of 3D Printing in Congenital Heart Disease**

*Ralph Mosca, MD, NYU Langone Medical Center, New York NY, USA*

**TEN THOUSAND cases in Thoracic Surgery...Now What?**

*Sudish Murthy, MD, Cleveland Clinic, Cleveland OH, USA*

**Can't Fix What You Can't See - Role of Novel Exposure Devices**

*Tom Nguyen, MD, University of Texas, Houston TX, USA*

**Pulsatile Perfusate Delivery for Hypothermic Machine Perfusion Preservation of Donor Hearts**

*Matthias Peltz, MD, Southwestern Medical Center, Dallas TX, USA*

**TV Endocarditis-A Novel Percutaneous Option and Treatment Paradigm**

*V. Seenu Reddy, MD, Centennial Heart & Vascular Center, Nashville TN, USA*

**From Mundane to Interesting: Simplifying Discussions of Value Frameworks in Healthcare**

*Jerome Riebman, MD, Aziyo Biologics, Silver Springs MD, USA*

**Leveling the Playing Field for Arch Repair: From Novel Procedure to Novel Device**

*Eric Roselli, MD, Cleveland Clinic, Cleveland OH, USA*

**Minimally Invasive Aortic Surgery**

*Patrick Rudersdorf, MD, St. Anthony Hospital, Lakewood CO, USA*

**Minimalist Heart Surgery**

*Mark Russo, MD, Rutgers-Robert Wood Johnson Medical School, Newark NJ, USA*

**ECMO Training for the Entire Hospital: Multimedia Approach with High Fidelity Simulation**

*Ashish Shah, MD, Vanderbilt University Medical Center, Nashville TN, USA*

**Performing High Risk Heart Surgery with Temporary MCS**

*Ed Soltesz, MD, Heart and Vascular Institute, Cleveland OH, USA*

**Development of a Transcatheter Mitral Valve Replacement Device**

*Paul Spence, MD, SCR Development, Louisville KY, USA and Wendel Smith, MD, Edwards LifeSciences, Newport Beach CA, USA*

**Pay-for-Performance and the Extended Heart Team**

*Juan Pablo Umana, MD, Fundacion Cardioinfantil, Bogota, COL*

**Arc de Triomphe: The Emerging Role of Bare Metal Stents in the Aortic Arch**

*Grayson Wheatley, MD, Nashville TN, USA*

**Healthcare Furnishing Design and Installation, A Century in the Making**

*Judson Williams, MD, WakeMed Health and Hospitals, Raleigh NC, USA*

**Cardioflux to Rule Out Myocardial Ischemia in 15 Minutes!**

*Randall Wolf, MD, University of Texas, TMC, Memorial Hermann Hospital, Houston TX, USA*

**A Randomized Controlled Trial to Reduce GI Bleeding After LVAD Implantation**

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