



## Welcome to PICS 2021 and Launching of the PICS Society Live from Las Vegas!

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Greetings from The Aria Convention Center, Las Vegas and PICS 2021, the 25<sup>th</sup> Annual Scientific Sessions of this meeting which is solely dedicated to interventional therapies for Congenital and Structural Heart Disease in children and adults. After repeated successful meetings and after a full virtual meeting in 2020 due to the global pandemic, PICS returns live to Vegas from September 1<sup>st</sup>-4<sup>th</sup> with a comprehensive program that will cover various aspects of interventional therapies together with advanced imaging modalities applied during interventional procedures in congenital and structural heart disease, from the neonate to the adult. As we have always accompanied the events of the meeting, *The Daily Briefing* from Congenital Cardiology Today will continue again to update you on major sessions and topics discussed during PICS. It will also keep taking photos of the sessions and attendees throughout the event, allowing you to view scenes of the meeting as they take place.

**Make sure to check in the app daily! The app can be downloaded by looking for "PICS 2021" in the Apple Store or Google Play Store. For those who like to tweet, you can use the hashtag: #picsymposium2021.**

This year's meeting will be a hybrid event with both live as well as virtual attendance. With the pandemic and travel difficulties, the directors made sure to allow those unable to attend in person to be able to follow the meeting sessions and topics remotely with the ability to watch the sessions live or play back at a later time.

Daily live case demonstrations from cath labs around the world will spotlight technologies using various devices, implantable valves, stents, balloons and other techniques. Special didactic sessions will demonstrate closure of septal defects of all types, percutaneous valve implantation & repair, stents, hybrid techniques and much more. The educational program will also include debates between surgeons and cardiologists, oral and poster abstract presentations and "My Nightmare Case in the Cath Lab". The meeting will also continue to integrate advanced forms of imaging through the collaboration with 3DI3, "3D Imaging for Interventional Catheterization in Congenital Heart Disease" to share knowledge and skills of 3D Imaging techniques as they pertain to interventional catheterization for congenital heart disease. This year's meeting was preceded by the inaugural PICS Fellows course which took place on August 30<sup>th</sup>-31<sup>st</sup>, just prior to the main PICS symposium.



**PICS Society**

Pediatric and Congenital Interventional Cardiovascular Society



**Symposium 2021**



@PICS\_Society

#picsymposium2021





After the successful format adopted since 2012, PICS continues with a similar format this year with the morning sessions being dedicated to the live case transmissions and the afternoon sessions dedicated to didactic and break-out sessions as well as taped cases.

The **live cases** remain the focal point of PICS. This year, live cases will start on the first day of the meeting and will be beamed from nine national and international venues with experienced operators that will demonstrate the latest in medical device technology using approved and investigational devices/valves/stents. The live cases this year will be transmitted live via satellite from: **Jeddah, Toronto, Sao Paulo, Philadelphia, Chicago, New Orleans, Boston, Columbus, and Cincinnati**. The popular **Taped Case Sessions** will also continue with taped cases presented and discussed on both Wednesday and Thursday.



A special session on the first day of the meeting will focus on the Pulmonary valve and will address issues such as an overview of the outcome of the SAPIEN valve, and an examination of the impact of the Melody valve, managing patients with a large patched RVOT, 3D imaging of the RVOT and the use of computer simulation prior to tPVR.

Additional breakout sessions will take place throughout the meeting with great learning opportunities, including the diverse Tips and Tricks and The PICES sessions (Wednesday afternoon). Oral abstract presentations will take place on Wednesday afternoon and the first day will come to an end with a Welcome Reception from 6-8 pm!

The second day of the meeting will start early with a Venus MedTech symposium followed by a recap update on the PICS cases from 2020 then the live cases will take place from New Orleans, Philadelphia, and Chicago followed by a 3DRA demonstrations provided by our vendors during the lunch break. Breakout sessions on the second day will feature one on Lymphatics that will take a deep lymphatic dive into accessing the thoracic duct, redirecting venous flow, lymphatic decompression, stratifying Fontan Risk by Pre-Op Lymphatic imaging and other great talks. Simultaneously, another breakout session will focus on Vascular Obstruction addressing issues such as options for Thrombolysis and Thrombectomy, options for Systemic Venous Obstruction in Pediatric Practice, dealing with Complete Pulmonary Artery Occlusion and others. The day will end with the famous and hot debates with interventionalists and surgeons debating whether or not "interventionalists are working in a surgical environment and should undergo surgical training" and whether patient volume affects outcomes in the cath lab.

Friday will mark a special day at PICS with the official introduction of the PICS society by Mr. Norm Linsky, the Executive Director of the

PICS Society. At the 25<sup>th</sup> anniversary of the PICS Symposium, the PICS Foundation is formally transformed into the PICS Society as will be announced by Dr. Hijazi. Mr. Linsky will update us on the fantastic progress made to date and future plans. Live cases will then take place that morning streaming from Columbus, Cincinnati, and Boston. A lunchtime symposia will be held by Medtronic and Abbott which will help replenish hungry minds in preparation for the first of two main afternoon sessions, tackling the evolving practice of PDA stenting. Talks about ductal morphology, airways compression, pre-procedural imaging, and stent types will shed light on the most up-to-date approaches to PDA stenting. A simultaneous breakout session revolving around pulmonary artery stenting will take place. The second main afternoon session, titled Interventional Treatment of Sinus Venous ASD, will tackle pre-procedural and intra-procedural imaging, outcomes and complications, and a lively discussion about the use of covered stents for sinus venous ASDs. The second breakout session on Day 3 revolves around the ever-exciting Bioresorbable technology. The afternoon will also feature the Nursing and Associated Professionals breakout session at PICS. As the academic day concludes, the night will only be just beginning with the PICS annual Dinner Event that will take place at the Aria Palms Pool, during which we will be awarding those founding members of the PICS Society with their certificates! We hope to see each and every one of you there!

The last day of the meeting, on Saturday, September 4<sup>th</sup>, special sessions will focus on Adult Congenital Heart Disease that covers important topics like atrial arrhythmia in the ACHD population, mitral valve-in-valve techniques, tricuspid valve repair in CHD patients, and much more! Simultaneously another breakout session of the day will cover pulmonary vein stenosis. Additional sessions will focus on interventions in infants less than 2.5 kg including an update on fetal cardiac interventions and hybrid procedures in low weight infants.

Additional sessions will look at aortic interventions, including balloon angioplasty of infants with coarctation, neonatal aortic valvuloplasty and data from IMPACT, and the use of covered stents in the aorta, among other topics. Other popular sessions, including "My Nightmare Case in the Cath Lab" will take place that day to ensure an opportunity for discussion and learning from each other's experiences.

In addition to being live again, every session at PICS this year will be truly hybrid with live streaming so remote attendees can attend and participate! Each session will have a separate meeting room on the virtual conference platform with a dedicated chat panel. Remote attendees, and in-person attendees, can submit questions in the chat. In addition, every session at PICS will also be recorded and available for replay for those unable to attend, or those who choose to watch a specific talk at a later time (on-demand access will be available until March 14, 2022). Hence, this year PICS promises an extensive educational program that goes beyond ground-breaking science and interventional device technology with multiple sessions presented in a variety of formats, and discussing emerging technologies and learning from specialists in Congenital Heart Disease.

For more on the meeting's events and hot topics, keep checking the Daily Briefing from CCT on your app!

