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Adult Congenital Heart Disease: At the Crossroads of Innovation (Webcast Sept 16 2026)

MULTIMEDIA

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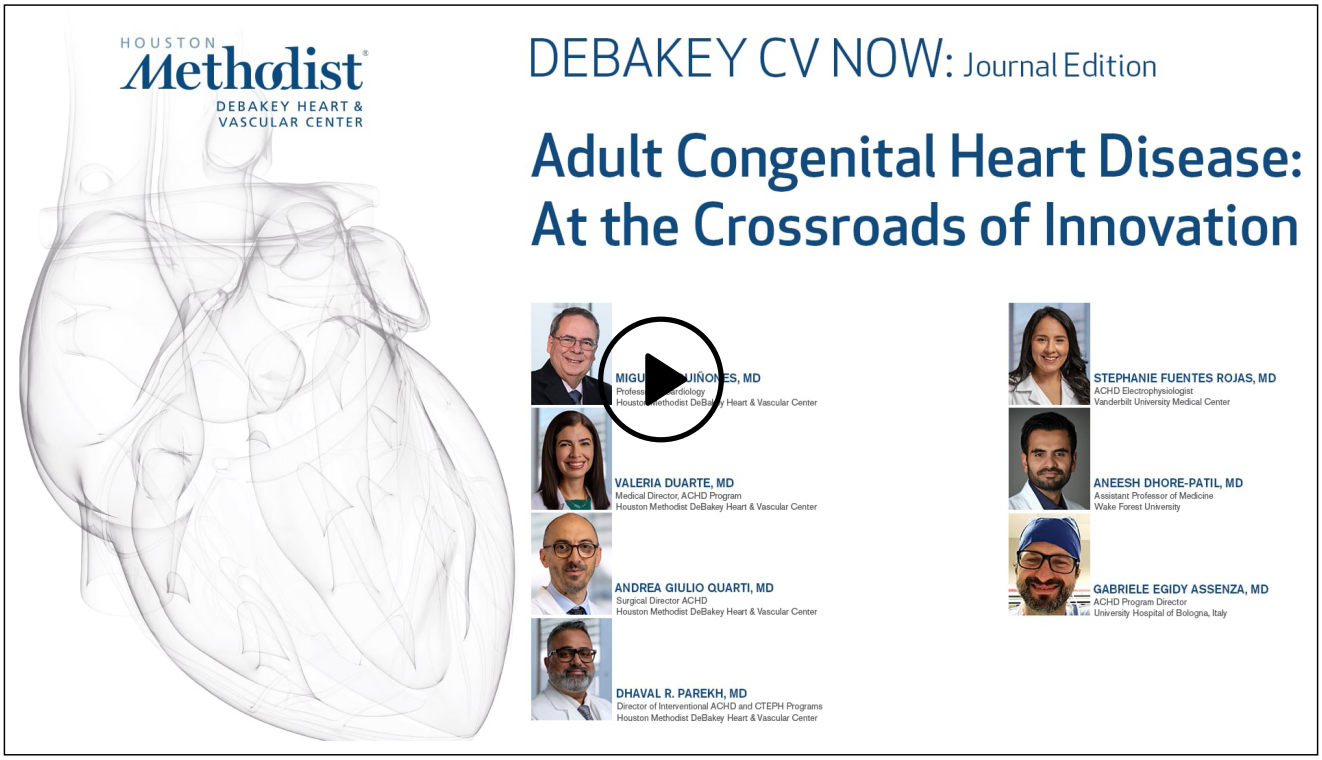
ABSTRACT

This 74-minute webcast features a conversation on "Adult Congenital Heart Disease: At the Crossroads of Innovation"—the focus of Issue 22.3 on the theme of ACHD. Led by the issue's guest editors, the discussion engages the authors on emerging themes and lessons learned while researching and writing the articles. View the video at https://vimeo.com/1231343892.

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Video 1 The editors and authors discuss details and explore overarching themes in Issue 22.3 on adults with congenital heart disease. View it at https://vimeo.com/1231343892.

INTRODUCTION

This 74-minute webcast (Video 1) features the Journal's editor-in-chief, Miguel Quiñones, MD, and the issue's guest editors, Valeria Duarte, MD, and Andrea Quarti, MD, conversing with four of the authors on the emerging themes and lessons learned while exploring the article topics related to our issue on "Adult Congenital Heart Disease: At the Crossroads of Innovation." The following list outlines the discussion and offers time stamps for viewing specific guests and topics.

WELCOME

Miguel Quiñones, MD, introduces topic
Dr. Quiñones introduces guest editors Valeria Duarte, MD, MPH, and Andrea Quarti, MD, PhD (1:30)
Dr. Duarte introduces co-guest editor Andrea Quarti, MD (2:52)
Dr. Quarti introduces Gabriele Egidy Assenza, MD, PhD (3:00)

DISCUSSION WITH AUTHORS

Dr. Quarti asks questions about "Lifelong Management of Right Ventricular Outflow Tract Dysfunction in Adults with Congenital Heart Disease" (3:45)
Dr. Assenza discusses (4:23)
Dr. Quiñones asks about benefit-risk levels and treatment decisions for adults with congenital heart disease compared to non-ACHD (8:30)
Dr. Quarti addresses importance of making decisions on a case-by-case basis with ACHD (9:30)
Dhaval R. Parekh, MD, discusses improvements in capabilities, especially in imaging (10:30)
Dr. Quarti presents additional questions for Dr. Assenza (11:15)
Dr. Assenza discusses (11:50)
Dr. Quiñones asks about availability of registries (14:58)
Dr. Parekh discusses registries (15:13)
Dr. Duarte discusses risks of surgical vs transcatheter interventions, including patient preference (16:00)
Dr. Quarti asks Dr. Assenza about protocols for pulmonary valve replacement and ablation (18:00)
Dr. Assenza discusses concern for endocarditis in this population (18:34)
Dr. Quiñones asks what makes catheter-based valve higher risk for endocarditis than surgical valve (22:00)
Dr. Parekh discusses complexities of various valves (22:26)

Dr. Duarte introduces Stephanie Fuentes, MD, who co-authored "Innovative Management of Rhythm Disorders in Adults with Congenital Heart Disease" (23:54)

Dr. Duarte asks Dr. Fuentes to describe her training journey (25:00)
Dr. Fuentes explains her training, including her path to applying electrophysiology (EP) for ACHD (25:48)
Dr. Duarte discusses importance of trained electrophysiologists for ACHD and asks Dr. Fuentes about evolving field of EP, specifically pulsed field ablation (PFA) (31:23)
Dr. Fuentes discusses PFA, dual energy catheters, and pulmonary vein isolation (PVI) (32:34)
Dr. Quiñones comments on how the field may look entirely different in a year or two because of how quickly it is evolving (36:12)
Dr. Duarte asks about the decision-tree for patients who need pacing (36:53)
Dr. Fuentes explains why pacing is among the greatest challenges for ACHD (37:23)
Dr. Quarti thanks Dr. Fuentes and introduces Dr. Parekh (42:21)

Dr. Quarti introduces Dr. Parekh's article, "Transcatheter Edge-to-Edge Repair in Adult Congenital Heart Disease: Anatomic Challenges, Device Adaptations, and Emerging Evidence" (42:59)
Dr. Parekh explains that transcatheter edge-to-edge repair in ACHD remains observational, and discusses the importance of conversations and decisions made with patients (44:04)
Dr. Quarti asks about lessons learned regarding safely accessing non-standard access routes (47:04)
Dr. Parekh explains it's a data-limited zone, but emphasizes the importance of imaging as an invaluable tool for making procedures more do-able (47:34)
Dr. Quiñones asks about use of 3D printing for practice (49:07)
Dr. Parekh describes various tools and equipment for testing procedures (49:12)
Dr. Quarti asks what Dr. Parekh sees as the biggest barrier to transcatheter edge-to-edge repair becoming mainstream therapy for ACHD (50:45)
Dr. Parekh emphasizes that advances require collaboration among experts with various training and across multiple institutions (51:07)

Dr. Duarte introduces Aneesh Dhore-Patel, MD, who co-authored "The Initial Diagnostic Approach to Adult Congenital Heart Disease: A Practical Imaging Pathway for General Cardiologists and Cardiac Imagers" (52:55)
Dr. Duarte asks Dr. Dhore-Patel why it's important for general imagers to build baseline fluency in ACHD anatomy (54:19)
Dr. Dhore-Patel explains that general cardiologists often see ACHD more frequently than expected and it's important to recognize early and not miss opportunities for early management and preventing need for ventricular remodeling (54:49)
Dr. Duarte asks Dr. Dhore-Patel which lesions are most frequently found and which are most frequently missed in imaging centers that don't have expertise with ACHD (57:20)
Dr. Dhore-Patel discusses the importance of continuing to seek answers if there's not a clear diagnosis (57:52)
Dr. Quiñones agrees and urges general cardiologists to seek additional advice or to request help from an expert when something doesn't look right (59:28)
Dr. Duarte adds that it is important to make a note in the report if something is not clear or was not visible (1:00)

Dr. Duarte begins discussion of article by Dr. Quarti, "Reoperative Aortic Root Surgery in Adults with Prior Conotruncal Repair" (1:01:05)
Dr. Quarti answers questions about a size-based framework for intervention as well as associated pathology and other factors (1:03:26)
Dr. Duarte asks about surgical re-entry considerations and lessons learned (1:06:43)
Dr. Quarti focuses on the importance of planning the surgery before re-entry, especially using imaging (1:07:58)
Dr. Duarte specifies the importance. for imagers, of knowing there's a shunt (1:11:59)
Dr. Quarti explains the importance of knowing if it's a patent foramen ovale (PFO), atrial septal defect (ASD), or ventricular septal defect (VSD) (1:12:12)
Dr. Quiñones emphasizes the degree of expertise required for these patients (1:13:39)

CONCLUSION

Dr. Quiñones wraps up (1:14:14)

COMPETING INTERESTS

Dr. Quiñones is editor-in-chief and a member of the editorial board of the Journal. Dr. Duarte is a member of the editorial board of the Journal. The other authors have no competing interests to declare.

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