



Valvular Heart Disease - International Session

Session #525

8th Annual ACC Cardiovascular Conference on the Middle East I: Introduction and Plenary Lecture - Aortic Stenosis: A Paradigm Shift

Friday, April 1, 2016, 1 p.m. - 2 p.m.

Room S103cd

CME Hours: 0 /CNE Hours: 0

Co-Chair: Aaron D. Kugelmass

Co-Chair: Hani Najm Arabia

1:00 p.m.

Introduction to Session

Aaron D. Kugelmass

1:00 p.m.

Introduction to Session

Hani Najm

Riyadh, Saudi Arabia

1:05 p.m.

Aortic Stenosis: A Paradigm Shift

Michael J. Mack

Plano, TX

1:50 p.m.

Awards Presentation: Abstract Awards

Douglas P. Zipes

Indianapolis, IN

Valvular Heart Disease - International Session

Session #528

Emerging World Healthcare Systems - Lessons Learned and Challenges Ahead I: Valvular Heart Disease: How Etiology Effects Diagnosis and Treatment

Friday, April 1, 2016, 1 p.m. - 2:08 p.m.

Room S103ab

CME Hours: 0 /CNE Hours: 0

Chair: Andrew M. Kates

Co-Chair: Antonio CP Chagas

Co-Chair: Robert O. Bonow

1:00 p.m.

Introduction

Andrew M. Kates

1:05 p.m.

Tricuspid: The Forgotten Valve

Jose Antonio Magana Serrano

Mexico City, Mexico

1:17 p.m.

Rheumatic Heart Disease: Any Changes in Africa?

Janet Ngozi Ajuluchukwu

Idiaraba-Lagos, Nigeria

1:29 p.m.

Management of Valvular Heart Disease in India - An Overview

Santanu Guha

Kolkata, India

1:41 p.m.

Percutaneous Balloon Mitral Vavuloplasty in China

Shihua Zhao

Beijing, China

1:53 p.m.

Panel Discussion

Panelist: Jose Antonio Magana Serrano

Panelist: Janet Ngozi Ajuluchukwu

Panelist: Joao Ricardo Fernandes

Panelist: Santanu Guha

Panelist: Shihua Zhao

Valvular Heart Disease - International Session

Session #526

8th Annual ACC Cardiovascular Conference on the Middle East II: Aortic Stenosis in the Middle East

Friday, April 1, 2016, 2:15 p.m. - 3:30 p.m.

Room S103cd

CME Hours: 0 /CNE Hours: 0

Co-Chair: Aaron D. Kugelmass

Co-Chair: Mouaz H. Al-Mallah Arabia

2:15 p.m.

Case Presentation: Calcific Degenerative Aortic Stenosis Case

Mohamed Zubaid

2:20 p.m.

TAVR in Israel - Challenges and Successes

Amit Segev

Tel Aviv, Israel

2:35 p.m.

Rheumatic Valve Disease in the Middle East -Incidence, Prevention, and
Management

Mohamed Sobhy Aly

Alexandria, Egypt

2:50 p.m.

What to do with Asymptomatic Aortic Stenosis in 2016?

Ghadeera Almansoori

Toronto, Canada

3:05 p.m.

Panel Discussion

Panelist: Mohamed Zubaid

Panelist: Amit Segev

Panelist: Mohamed Sobhy Aly

Panelist: Hassan Ali Farhan

3:25 p.m.

Case Presentation: Assymptomatic Aortic Stenosis

Abdul D. Al-Nabti

Doha, Qatar

**Valvular Heart Disease - Scientific Session****Session #612****New Imaging Modalities for Valvular Heart Disease**

Saturday, April 2, 2016, 8 a.m. - 9:30 a.m.

Room S405

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Hector I. Michelena

Co-Chair: William A. Zoghbi

Panelist: Maurice Enriquez-Sarano

Panelist: Roxy Senior Kingdom

Panelist: A. Jamil Tajik

Panelist: James D. Thomas

8:00 a.m.

How to Approach a Patient With Presumed VHD, First Encounter

Pravin Shah

Newport Beach, CA

8:15 a.m.

Echocardiography - First Line Imaging

Maurice Enriquez-Sarano

Rochester, MN

8:30 a.m.

Additional Benefit of 3D and Strain Imaging

James D. Thomas

Chicago, IL

8:45 a.m.

Stress Echo for Decision-Making in VHD

Roxy Senior

Middlesex, HA3 OAX, United Kingdom

9:00 a.m.

CMR & CT in VHD

Victoria Delgado

Leiden, Netherlands

9:15 a.m.

Panel Discussion

Valvular Heart Disease - Poster Contributions**Session #1101****Valvular Heart Disease: Surgery and Outcomes**

Saturday, April 2, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

39 - Coronary Risk Stratification of Patients Undergoing Surgery for Valvular Heart Disease

Rasmus Bo Hasselbalch, Thomas Engstrøm, Lars Kober, Kasper Iversen, Herlev Hospital Department of Cardiology, Herlev, Denmark, The University of Copenhagen, Copenhagen, Denmark40 - Diabetes Mellitus Does Not Worsen Long-Term Survival Following Isolated Surgical Aortic Valve Replacement: A Propensity Matched Analysis
Benjamin van Bortel, Robert Sorabella, Nathaniel Langer, Nathaniel Kheysin, Andres Gomez, Sanatkumar Patel, Catherine Wang, Koji Takeda, Takayama Hiroo, Yoshifumi Naka, Michael Borger, Michael Argenziano, Craig Smith, Isaac George, College of Physicians and Surgeons of Columbia University, New York, NY, USA

41 - Long-Term Outcomes and Aortic Valve Motion After Reimplantation Techniques of Valve Sparing Aortic Root Replacement, Using Grafts With Pseudosinuses of Valsalva

Haruo Yamauchi, Kan Nawata, Tomoko Nakao, Masao Daimon, Takayuki Kawata, Megumi Hirokawa, Osamu Kinoshita, Yoshifumi Itoda, Mitsutoshi Kimura, Issei Komuro, Minoru Ono, The University of Tokyo Hospital, Tokyo, Japan

42 - Intermediate Outcomes of Multi-Valve Sternal-Sparing Cardiac Surgery: A Single Center 10-Year Experience

James Tatum, Michael Bowdish, Adrienne Quinn, Wendy J. Mack, Mark Barr, Vaughn Starnes, University of Southern California Keck School of Medicine, Los Angeles, CA, USA, Los Angeles, CA, USA

43 - Age as a Predictor of Rheumatic Mitral Valve Phenotype in Females Undergoing Mitral Valve Surgery

Benjamin Levin, Maizatu Akma Sulong, Norfazlina Jaffar, Mohd Ramli, Rosli Mohd Ali, National Heart Institute of Malaysia, Kuala Lumpur, Malaysia

44 - Preoperative Anemia and Intraoperative Transfusion Together Predict Worsened Short and Long-Term Mortality After Isolated Surgical Aortic Valve Replacement

Surbhi Agrawal, Marc Najjar, Benjamin Ascherman, Deniz Akkoc, Samantha Stein, Sheetal Hegde, Catherine Wang, Paul Kurlansky, Michael Borger, Michael Argenziano, Craig Smith, Isaac George, Columbia University Medical Center, New York, NY, USA45 - Outcomes of Patients With $\geq 3+$ Aortic Regurgitation and Preserved Left Ventricular Ejection Fraction: A Single Tertiary Care Center ExperienceAmgad G. Mentias, Ke Feng, Alaa Alashi, L. Leonardo Rodriguez, A. Gillinov, Joseph Sabik, Lars Svensson, Brian Griffin, Milind Desai, Heart and Vascular Institute, Cleveland Clinic, Cleveland, OH, USA

46 - Minimally-Invasive, Alternative Access Approach to TAVr Utilizing the Transinnominate Artery

Luigi Pirelli, Jacob S. Scheinerman, Derek R. Brinster, Efstathia Mihelis, Alicia Adams, Dillon Weiss, Chad Kliger, Lenox Hill Hospital, New York, NY, USA**Valvular Heart Disease - Moderated Poster Contributions****Session #1122M****TAVR World: Trials and More of Interest to All**

Saturday, April 2, 2016, 10 a.m. - 12 p.m.

Valvular Heart Disease Moderated Poster Theater, Poster Area, South Hall A1

CME Hours: 2 /CNE Hours: 2

10:00 a.m.

Feasibility of Direct Aortic Implantation of the Lotus Valve: A Multicenter Experience

Vinayak Nilkanth Bapat, Leo Ihlberg, Zhan Yun Lim, Mika Laine, Rudiger Lange, Sabine Bleiziffer, Uday Trivedi, David Hildick-Smith, Matthias Gotberg, Thomas Modine, Heyman Luckraz, Saib Khogali, Joachim Schofer, Dominic Allocco, Simon Redwood, Guys and St. Thomas' Hospital, London, United Kingdom

10:10 a.m.

Question and Answer

10:15 a.m.

Impact of Paravalvular Regurgitation Assessed by a 5-Class Grading Scheme on 1-Year Outcomes in the PARTNER-II SAPIEN 3 High Risk / Operable Cohort
Philippe Pibarot, Rebecca Hahn, Neil Weissman, Howard Herrmann, Vinod Thourani, Susheel Kodali, Québec Heart & Lung Institute, Québec, Canada



10:25 a.m.

Question and Answer

10:30 a.m.

Normal Reference Values for Transcatheter Aortic Valve Replacement With the Balloon-Expandable Valve

Rebecca T. Hahn, Pamela Douglas, Wael Jaber, Jonathon Leipsic, Neil Weissman, Philippe Pibarot, Columbia University, New York, NY, USA

10:40 a.m.

Question and Answer

10:45 a.m.

Prediction of Poor Outcome After TAVR: External Validation of an Existing Model

Suzanne Arnold, Jonathan Afilalo, John Spertus, Yuanyuan Tang, Suzanne Baron, Philip Jones, Michael Reardon, Steven Yakubov, David Adams, David Cohen, Saint Luke's Mid America Heart Institute, Kansas City, MO, USA, McGill University, Montreal, Canada

10:55 a.m.

Question and Answer

11:00 a.m.

Sex-Related Differences in Patients Undergoing Transcatheter and Surgical Aortic Valve Replacement in the United States

Mohammad Sarraf, Chad Zack, Mohamad Alkhoul, Charanjit Rihal, Mayo Clinic, Rochester, MN, USA

11:10 a.m.

Question and Answer

11:15 a.m.

Right Ventricle Function Recovery After Transcatheter Aortic Valve Replacement in Severe Aortic Stenosis Patients

Edward Koifman, Romain Didier, Federico Asch, Zack Jerusalem, Sarkis Kiramijyan, Smita Negi, Zuyue Wang, Steven Goldstein, Ricardo Escarcega Alarcon, Rebecca Torguson, Arie Steinvil, Sang Yeub Lee, Won Yu Kang, Lowell Satler, Itsik Ben-Dor, Augusto Pichard, Ron Waksman, MedStar Washington Hospital Center, Washington, DC, USA

11:25 a.m.

Question and Answer

11:30 a.m.

Pacemaker Dependency After Transcatheter Aortic Valve Replacement Is Associated With Reduction in Global Left Ventricular Function

Masataka Sugahara, Antonia Delgado-Montero, John Schindler, Thomas Gleason, Joao Cavalcante, William Katz, Frederick Crock, David Schwartzman, Lisa Henry, Joon Lee, John Gorcsan, University of Pittsburgh, Pittsburgh, PA, USA

11:40 a.m.

Question and Answer

11:45 a.m.

Transcatheter Aortic Valve Implantation in Patients With Previous External Beam Radiotherapy

Kathryn Dougherty, Daisy Nieto, Zvonimir Krajcer, Neil Strickman, Ali Mortazavi, Richard Fish, Guilherme Silva, Jose Diez, Amy L. Paul, Raymond Stainback, Stephanie Coulter, Joseph Navarrijo, Benjamin Cheong, Ross Reul, Joseph Coselli, David Ott, James Livesay, Texas Heart Institute, Houston, TX, USA, CHI St. Luke's Health—Baylor St. Luke's Medical Center, Houston, TX, USA

11:55 a.m.

Question and Answer

ACC Poster Moderator: Martin B. Leon

ACC Poster Moderator: Wilson Y. Szeto

Valvular Heart Disease - Scientific Session

Session #625

AHA/ACC Valvular Heart Disease Guidelines: Clinical Controversies

Saturday, April 2, 2016, 12:15 p.m. - 1:45 p.m.

Room S405

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Robert A. Guyton

Co-Chair: Thoralf M. Sundt

Panelist: Genevieve Derumeaux

Panelist: Vera H. Rigolin

Panelist: Richard J. Shemin

12:15 p.m.

Overview in the Changes in the VHD Guidelines, Controversies

Rick A. Nishimura

Rochester, MN

12:25 p.m.

Case Presentation: How Severe Is the MR?

Malissa Jane Wood

Boston, MA

12:30 p.m.

Panel Discussion

12:40 p.m.

Debate: Classification of Severity of MR Should Be the Same for FMR and p.m.R

Raphael Rosenhek

Vienna, Austria

12:50 p.m.

Debate: Classification of Severity of MR Should Be Based on Outcomes

Thoralf M. Sundt

Boston, MA

1:00 p.m.

Panel Discussion

1:10 p.m.

Two cases of Aortic Regurgitation - Management Dilemmas

Vera H. Rigolin

Chicago, IL

1:20 p.m.

Asymptomatic Severe AR - Conservative Approach Is Prudent

William A. Zoghbi

Houston, TX

1:30 p.m.

Asymptomatic Severe AR - Contemporary Era Allows for Aggressive Approach

Bijoy K. Khandheria

Milwaukee, WI

1:40 p.m.

Panel Discussion



Valvular Heart Disease - Poster Contributions

Session #1134

Novel Quantitative Imaging Techniques for Valvular Heart Disease

Saturday, April 2, 2016, 1:30 p.m. - 4:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

39 - 4D Flow MRI and Lumped-Parameter Modeling to Assess of Aortic Valve Hemodynamics

Julio Garcia Flores, Alex Barker, Michael Markl, James Thomas, Northwestern University, Chicago, IL, USA

40 - Quantitative Assessment of Paravalvular Aortic Regurgitation Following Transcatheter Valve Replacement Based on Transvalvular Energy Loss

Peyman Azadani, Ali Azadani, University of Utah School of Medicine, Salt Lake City, UT, USA, University of Denver, Denver, CO, USA

41 - The Novel Imaging of Aortic Stenosis Using 4-Dimensional Computed Tomography; New Physiological Insights Using En-Face Quantitative Analysis

William Jenkins, Louis Simard, Marie-Annick Clavel, Maurice Enriquez-Sarano, Mayo Clinic, Rochester, MN, USA, Quebec Heart & Lung Institute, Laval University, Quebec, Canada

42 - Effect of Myocardial Fibrosis on the Left Ventricular Remodeling, Left and Right Ventricular Function and Prognosis in Patients With Acquired Heart Disease Using Contrasting MRI and 2D Speckle Tracking

Olga Bockeria, Olga Kisilitsina, Aleksandrova Svetlana, Irina Averina, Bakoulev Scientific Center for CVS, Moscow, Russian Federation

Valvular Heart Disease - Poster Contributions

Session #1135

Clinical Outcome Following Intervention in Aortic Valve Disease

Saturday, April 2, 2016, 1:30 p.m. - 4:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

43 - Early Aortic Valve Replacement Versus a Conservative Strategy for Asymptomatic Severe Aortic Stenosis: Meta-Analysis of Observational Studies

Philippe Genereux, Gregg Stone, Patrick O'Gara, Guillaume M. Gravel, Bjorn Redfors, Gennaro Giustino, Philippe Pibarot, Jeroen Bax, Robert Bonow, Martin Leon, Cardiovascular Research Foundation, New York, NY, USA, Columbia University Medical Center, New York, NY, USA

44 - Quantification and Systematic Differentiation of Impact of Paravalvular Leakage Following Transcatheter Aortic Valve Replacement

Zahra Keshavarz-Motamed, Suk Joon Lee, Elazer Edelman, Massachusetts Institute of Technology, Cambridge, MA, USA

45 - In-Hospital and Post-Discharge Changes in Renal Function Following Transcatheter Aortic Valve Replacement

John E. Blair, Kent Brummel, Julie Friedman, Prashant Atri, Ranya Sweis, Hyde Russell, Mark Ricciardi, S. Chris Malaisrie, Charles Davidson, James Flaherty, Northwestern University Bluhm Cardiovascular Institute, Chicago, IL, USA, University of Chicago Medicine Heart and Vascular Center, Chicago, IL, USA

46 - Improvement of Left Ventricular Diastolic Function 30 Days After Transcatheter Aortic Valve Replacement for Severe Aortic Stenosis

Julie Friedman, Prashant Atri, John Blair, Kent Brummel, Issam Mikati, S. Chris Malaisrie, Ranya Sweis, Charles Davidson, James Flaherty, Northwestern Memorial Hospital, Chicago, IL, USA

Valvular Heart Disease - Scientific Session

Session #640

Mitral Regurgitation - Shifting Thresholds and Options?

Saturday, April 2, 2016, 2 p.m. - 3:30 p.m.

Room S405

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Gregory P. Fontana

Co-Chair: Miguel A. Quinones

Panelist: Michael A. Acker

Panelist: Jorge Castellanos

Panelist: Christina M. Vassileva

2:00 p.m.

Pathology and Mechanisms of MR: Primary, Functional ... Prognosis?

Lissa Sugeng

New Haven, CT

2:09 p.m.

Early Intervention Should Be the Choice in p.m.R - Guidelines?

James D. Thomas

Chicago, IL

2:18 p.m.

Severe Primary MR, Complex Lesions

Muhammed Saric

New York, NY

2:27 p.m.

Almost All Primary MR Is Durably Repairable - Techniques, Outcomes, Failure Causes

Aidan A. Raney

Newport Beach, CA

2:36 p.m.

Panel Discussion

2:45 p.m.

What Can We Learn From Registries/Reviews About Mitral Clip?

Paul Sorajja

Minneapolis, MN

2:54 p.m.

Severe MR - When Is Catheter Based the Way to Go?

Carlos E. Ruiz

New York, NY

3:03 p.m.

Moderate-Severe FMR in a Patient Undergoing Bypass Surgery

Benjamin S. Wessler

Boston, MA

3:12 p.m.

Severe Mitral Regurgitation in a Patient With Hypertrophic Obstructive Cardiomyopathy

Ethan Rowin

Boston, MA

3:21 p.m.

Panel Discussion



Valvular Heart Disease - Moderated Poster Contributions

Session #1159M

TAVR: More From Around the World

Saturday, April 2, 2016, 3:45 p.m. - 4:30 p.m.

Valvular Heart Disease Moderated Poster Theater, Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

3:45 p.m.

The Association of Invasive Intra-Procedural Hemodynamic Parameters With Long-Term Outcome in Patients Undergoing Transcatheter Aortic Valve Replacement

Sarkis Kiramiyan, Edward Koifman, Itsik Ben-Dor, Zachary Jerusalem, Sandeep Kumar, Marco Magalhaes Pereira, Romain Didier, Smita Negi, Toby Rogers, Arie Steinvil, Sang Yeub Lee, Kang Won Yu, Jiaxiang Gai, Rebecca Torguson, Petros Okubagzi, Michael Lipinski, Michael Gaglia, Lowell Satler, Augusto Pichard, Ron Waksman, MedStar Washington Hospital Center, Washington, D.C., DC, USA

3:55 p.m.

Question and Answer

4:00 p.m.

Early Outcomes With the Evolut R Repositionable Self-Expanding Transcatheter Aortic Valve in the United States

Mathew Williams, James Slater, Muhamed Saric, Chad Hughes, Kevin Harrison, Susheel Kodali, Robert Kipperman, John Brown, G. Michael Deeb, Stanley Chetcuti, Jeffrey Popma, NYU Langone, New York, NY, USA

4:10 p.m.

Question and Answer

4:15 p.m.

Outcomes With Predilatation Versus No Predilatation in Routine Clinical Practice With the Lotus Valve: Results From the First 500 Patients Enrolled in the RESPOND Study

Nicolas M. Van Mieghem, David Hildick-Smith, Sabine Bleiziffer, Jochen Woehrle, Daniel Blackman, Mohamed Abdel-Wahab, Ulrich Gerckens, Axel Linke, Peter Wenaweser, Oyvind Bleie, Karl E. Hauptmann, Dimitar Divchev, Dominic Allocco, Keith D. Dawkins, Volkmar Falk, Thoraxcenter, Erasmus MC, Rotterdam, The Netherlands, Klinik für Herz-Thorax-Gefäßschirurgie, Deutsches Herzzentrum Berlin, Berlin, Germany

4:25 p.m.

Question and Answer

ACC Poster Moderator: Nimesh Desai

ACC Poster Moderator: Raj R. Makkar

Valvular Heart Disease - Scientific Session

Session #653

Athlete/Valvular Heart Disease

Saturday, April 2, 2016, 4:45 p.m. - 6 p.m.

Room S405

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Robert W. Battle

Co-Chair: Brian Olshansky

Panelist: Alfred A. Bove

Panelist: Mark S. Link

Panelist: Sanjay Sharma

4:54 p.m.

Multi-Sport Athlete With Recurrent Bioprosthetic Aortic Stenosis

James Beckerman

Portland, OR

5:03 p.m.

Masters Cyclist With Hypertrophic Cardiomyopathy, Subaortic Stenosis and Mitral Regurgitation

Valerie Izarnotegui

Charlottesville, VA

5:12 p.m.

Panel Discussion

5:21 p.m.

The Athlete With Valvular Heart Disease: Lessons Learned From the UK

Sanjay Sharma

United Kingdom

5:30 p.m.

The Athlete With Valvular Heart Disease: Is There Sufficient Evidence to Guide Management?

Aaron L. Baggish

Boston, MA

5:39 p.m.

The Athlete With Bicuspid Aortic Valve

Padmini Varadarajan

Redlands, CA

5:48 p.m.

Panel Discussion

Valvular Heart Disease - Scientific Session

Session #663

Valve Disease in Special Disorders

Sunday, April 3, 2016, 8 a.m. - 9:30 a.m.

Room S405

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Joachim Nesser

Co-Chair: Mylavarapu Subbarao

Panelist: Elyse Foster

Panelist: Aidan A. Raney

Panelist: Sara J. Sirna

8:00 a.m.

A Case of Carcinoid Valve Disease

Juan Carlos Plana

Houston, TX

8:12 a.m.

Panel Discussion

8:16 a.m.

Case of Radiation-Induced Valve Disease

Kameswari Maganti

Chicago, IL

8:28 a.m.

Panel Discussion

8:34 a.m.

A Case of Drug Induced Valve Disease

Anuj Mediratta

Chicago, IL



8:46 a.m.
Panel Discussion

8:52 a.m.
An Unusual Rheumatic Valve Disease
Jagdish Mohan
New Delhi, India

9:04 a.m.
Panel Discussion

9:10 a.m.
A Case of Valve Disease in Eosinophilic Cardiomyopathy
Satish Govind
Bangalore, India

9:22 a.m.
Panel Discussion

Valvular Heart Disease - Maintenance of Certification

Session #810

Core Curriculum: Optimizing Care of the Valvular Heart Disease Patient

Sunday, April 3, 2016, 8 a.m. - 9:30 a.m.

Room N426

CME Hours: 1.5 /CNE Hours: 0

Chair: Rick A. Nishimura

8:00 a.m.
Wins, Losses, and Ties with TAVR
Helene Eltchaninoff
Rouen, France

8:25 a.m.
Palliative Care in Aortic and Mitral Disease: Who Needs This?
Kyle W. Klarich
Rochester, MN

8:50 a.m.
Cases and Care in Infective Endocarditis
Rosario Freeman
Seattle, WA

9:15 a.m.
Question and Answer

Valvular Heart Disease - Poster Contributions

Session #1170

Mitral Regurgitation

Sunday, April 3, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

39 - Central Cardiac Output Redistribution due to Severe Mitral Regurgitation in Advanced Heart Failure Is Associated With a Higher Oxygen Peripheral Extraction
Greta Generati, Bandera Francesco, Marta Pellegrino, Valentina Labate, Valeria Donghi, Vincenzo Tufaro, Eleonora Alfonzetti, Marco Guazzi, IRCCS Policlinico San Donato, San Donato Milanese, Italy

40 - Patterns of Left Ventricular Remodeling in Patients With Severe Degenerative Mitral Regurgitation: A Multi-Imaging Study
Zhenhua Li, Rakesh Suri, Thomas Foley, Eric Williamson, Maurice Enriquez-Sarano, Hector Michelena, Mayo Clinic, Rochester, MN, USA

41 - Mitral Valve Regurgitation in Twins: Concordance and Survival
Rine Bakkestroem, Lisbeth A. Larsen, Jacob E. Moller, Lars Videbaek, Jacob B. Hjelmberg, Kaare Christensen, Department of Cardiology, Odense University Hospital, Odense, Denmark

42 - Significance of Left Ventricular Early Inflow-Outflow Index for Mitral Regurgitation Severity
Aika Matsumoto, Toshiaki Mano, Akiko Goda, Shohei Fujiwara, Masataka Sugahara, Kumiko Masai, Yuko Soyama, Tohru Masuyama, Hyogo College of Medicine, Nishinomiya, Japan

43 - Influence of Aortic Regurgitant Jet Directions on Mitral Valve Apparatus in Chronic Aortic Regurgitation: A Real-Time Three-Dimensional Transesophageal Echocardiography Study
Kensuke Hirasawa, Masaki Izumo, Taro Sasaoka, Takashi Ashikaga, Suzuki Kengo, Tomoo Harada, Mitsuaki Isobe, Yoshihiro Akashi, Department of Cardiovascular Medicine, Tokyo Medical and Dental University, Tokyo, Japan, Division of Cardiology, Department of Internal Medicine, St. Marianna University School of Medicine, Kawasaki, Japan

44 - Insufficient Leaflet Remodeling Causes Mitral Regurgitation in Patients With Atrial Fibrillation
Nobuyuki Kagiyama, Akihiro Hayashida, Misako Toki, Takao Morikawa, Tomonori Miki, Yasuhiko Kamata, Minako Ohara, Atsushi Hirohata, Keizo Yamamoto, Kiyoshi Yoshida, The Sakakibara Heart Institute of Okayama, Okayama, Japan

45 - Clinical and Echocardiographic Predictors of Exercise Capacity Following Mitral Valve Surgery for Mitral Regurgitation
Nicholas M. Furiasse, Todd Kiefer, Sanjiv Shah, Bonnie Kane, Nishath Quader, Hamorabi Mkrdichian, Lauren Nelson, Laila Payvandi, Adin-Cristian Andrei, Andrew Wang, Vera Rigolin, Northwestern University, Chicago, IL, USA, Duke University, Durham, NC, USA

46 - Genetic Determination of Collagen Synthesis and Degradation in Patients With Floppy Mitral Valve/Mitral Valve Prolapse
Sarah Lima, Efstatios K. Theofilogiannakos, Konstantinos Boudoulas, Mohamed H. Shahin, Issam S. Hamadeh, Taimour Y. Langae, Larissa H. Cavallari, Antonios A. Pitsis, Harisios Boudoulas, The Ohio State University, Columbus, OH, USA, Agios Lukas Hospital, Thessaloniki, Greece

Valvular Heart Disease - Moderated Poster Contributions

Session #1193M

Valvular Heart Disease: AV - Bicuspid/Gender; Low Gradient/Preserved EF

Sunday, April 3, 2016, 9:45 a.m. - 10:30 a.m.

Valvular Heart Disease Moderated Poster Theater, Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

9:45 a.m.
Bicuspid Aortic Valve: Gender Difference in Prevalence, Valve Morphology and Bicuspid Aortopathy
William KF Kong, Madelien Regeer, Kian Keong Poh, James Yip, Arnold Ng, Louise McCormack, Miriam Shanks, Vasileios Kamperidis, Nina Ajmone Marsan, Victoria Delgado, Jeroen Bax, Leiden University Medical Centre, Leiden, The Netherlands

9:55 a.m.
Question and Answer



10:00 a.m.

Different Clinical Outcomes in Patients With Asymptomatic Severe Aortic Stenosis According to the Stage Classification
Takeshi Kitai, Tomohiko Taniguchi, Takeshi Morimoto, Tadaaki Koyama, Yutaka Furukawa, Takeshi Kimura, Kobe City Medical Center General Hospital, Kobe, Japan, Kyoto University Graduate School of Medicine, Kyoto, Japan

10:10 a.m.

Question and Answer

10:15 a.m.

Accuracy in Evaluation of Low-Flow Low-Gradient Severe Aortic Stenosis With Preserved Ejection Fraction May Depend Upon the Method of Calculating Stroke Volume

Michelle D. Carlson, Gautam Shroff, Maribet McCarty, Charles Herzog, Hennepin County Medical Center, Minneapolis, MN, USA

10:25 a.m.

Question and Answer

ACC Poster Moderator: Tom C. Nguyen

ACC Poster Moderator: Pravin Shah

Valvular Heart Disease - Scientific Session

Session #678

TAVR Update for the Clinician - And How Does the Heart Team Work?

Sunday, April 3, 2016, 10:45 a.m. - 12:15 p.m.

Room S405

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Howard C. Herrmann

Co-Chair: Vinod H. Thourani

Panelist: Frederick Cobey

Panelist: Daniel E. Forman

Panelist: Mathew S. Maurer

10:45 a.m.

Patient Selection for TAVR - The Database Basics for Heart Team Review, Including Frailty Assessment, MMSE

Amy E. Simone

Atlanta, GA

10:57 a.m.

Update on TAVR Outcomes/Lessons Learned From Registries

David R. Holmes

Rochester, MN

11:09 a.m.

Minimalist Approach to TAVR - When Less Is More

Nimesh Desai

Philadelphia, PA

11:21 a.m.

Mini SAVR - When Less Is More Too

Patrick M. McCarthy

Chicago, IL

11:33 a.m.

What About Tissue Prosthetic Aortic Valve Failure - TAVR valve-in-Valve Option

Danny Dvir

Vancouver, Canada

11:45 a.m.

Symptomatic AS Cases for TAVR Heart Team Review: 1 w Moderate Risk STS, Frailty; 1 w High Risk STS, Moderate MR, 1 w Low Risk, but Cirrhosis, 1 w Low Risk, Hostile Chest & Some Dementia

Marian Hawkey

New York, NY

11:57 a.m.

Panel Discussion

Valvular Heart Disease - Maintenance of Certification

Session #814

Study Session for Maintenance of Certification: ACC Guidelines

Module 1: Valvular

Sunday, April 3, 2016, 10:45 a.m. - 12:15 p.m.

Room S105ab

CME Hours: 1.5 /CNE Hours: 0

Chair: Sunil V. Mankad

MOC Faculty: Lisa A. Mendes

MOC Faculty: Terrence Welch

Valvular Heart Disease - International Session

Session #514

Update on Mitral Valve Interventions: International Perspectives From the Irish Cardiac Society, Saudi Heart Association, and American College of Cardiology

Sunday, April 3, 2016, 12:30 p.m. - 1:45 p.m.

Room N427cd

CME Hours: 1.25 /CNE Hours: 0

Co-Chair: Robert A. Guyton

Co-Chair: Mohammed A. Balghith Arabia

Co-Chair: Kenneth M. McDonald

12:30 p.m.

Introduction to Session

Robert A. Guyton

12:35 p.m.

The Role of 3D TEE in Peri-Operative Assessment of MR

Ahmad Salehi-Omrani

Riyadh, Saudi Arabia

12:46 p.m.

Asymptomatic MR: When to Operate, Current Guidelines Versus Soon to Be Guidelines

Mostafa Al Shamiri

Riyadh, Saudi Arabia

12:57 p.m.

Update on Surgery for Mitral Valve Regurgitation

Michael Tolan

Dublin, Ireland

1:08 p.m.

Advances in Percutaneous Therapies for Mitral Valvular Disease

Ivan P. Casserly

Dublin, Ireland

1:19 p.m.

Discussion



Valvular Heart Disease - Scientific Session

Session #692

Endocarditis Clinical Decisions in Native and Prosthetic Valves

Sunday, April 3, 2016, 12:30 p.m. - 1:45 p.m.

Room S405

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: David A. Fullerton

Panelist: Alfred A. Bove

Panelist: Thomas Binder

Panelist: Vito Maurizio Parato

Panelist: Hani Najm Arabia

12:30 p.m.

Endocarditis of Native and Prosthetic Valves- Diagnosis and Treatment Guidelines Revisited

Rick A. Nishimura

Rochester, MN

12:38 p.m.

Imaging in Endocarditis - Tools in the Quiver

Rosario Freeman

Seattle, WA

12:46 p.m.

Mitral Endocarditis, CHF, Young Woman, Hemorrhagic CVA - Now What? [up to What Was Done]

Tom C. Nguyen

Houston, TX

12:54 p.m.

Discussion

1:02 p.m.

Mitral Endocarditis, CHF, Young Woman, Hemorrhagic CVA - Now What? [What Was Done]

Tom C. Nguyen

Houston, TX

1:10 p.m.

Are There Markers for Even Earlier Surgery in Endocarditis or Are We Too Trigger Happy?

David H. Adams

New York, NY

1:18 p.m.

TAVR Endocarditis - A New Monster

Ignacio J. Amat-Santos

Valladolid, Spain

1:26 p.m.

Replaced Aortic Root Prosthetic Endocarditis - What's Left to Do?

Anthony D. Caffarelli

Newport Beach, CA

1:34 p.m.

Discussion

Valvular Heart Disease - Moderated Poster Contributions

Session #1204M

Valvular Heart Disease: Additional Considerations in the Treatment Pathway in VHD

Sunday, April 3, 2016, 12:30 p.m. - 1:45 p.m.

Valvular Heart Disease Moderated Poster Theater, Poster Area, South Hall A1

CME Hours: 1.25 /CNE Hours: 1.25

12:30 p.m.

Degenerative Versus Functional Mitral Regurgitation in Patients Undergoing Transcatheter Aortic Valve Replacement for Severe Aortic Stenosis

James M. Ouzan, Byan Kindya, Israel Gotsman, Vasilis Babaliarios, Erhan

Gonen, Bradley Leshnower, Eren Karayel, James Stewart, Ronen Beeri,

Chandan Devireddy, Hina Ahmed, Haim Danenberg, Eric Sarin, Dan Gilon,

Robert Guyton, Chaim Lotan, Stamatis Lerakis, Vinod Thourani, Peter Block,

Kretan Mavromatis, Hadassah Hebrew University Medical Center, Jerusalem,

Israel, Emory University Hospital, Atlanta, GA, USA

12:40 p.m.

Question and Answer

12:45 p.m.

Paradoxical Low Flow Low Gradient Severe Aortic Stenosis With Preserved Left Ventricular Ejection Fraction: Impact of Surgery Versus Medical Therapy

Zaher Fanari, Dimitrios Barmpouletos, Vivek Reddy, Sumaya Hammami, Zugui

Zhang, William Weintraub, Erik Marshall, University Of Kansas School of

Medicine, Kansas City, KS, USA, Christiana Care Health System, Newark, DE,

USA

12:55 p.m.

Question and Answer

1:00 p.m.

Outcomes and Predictors of Mortality in Non-Rheumatic Patients With Mitral Annular Calcification and Mitral Regurgitation

Karan Sud, Akhil Parashar, Shikhar Agarwal, Amar Krishnaswamy, William

Stewart, Leonardo Rodriguez, E. Murat Tuzcu, Samir Kapadia, Cleveland

Clinic, Cleveland, OH, USA

1:10 p.m.

Question and Answer

1:15 p.m.

Echocardiography-Based Study of the Effects of Calcification on the Mitral Valve in Severe Calcific Aortic Stenosis Patients

Siyuan Sheng, Lucius Howell, Melissa Caughey, Michael Yeung, John Vavalle,

University of North Carolina, Chapel Hill, NC, USA

1:25 p.m.

Question and Answer

1:30 p.m.

Prospective Evaluation of the 'Eyeball' Test for Assessing Frailty in Elderly Patients With Valvular Heart Disease

Paul Sorajja, Aisha Ahmed, Akila Pai, Nicholas Plimpton, John Lesser, Richard

Bae, Wesley Pedersen, Lisa Tindell, Robert Farivar, Kevin Harris, Center for

Valve and Structural Heart Disease, Minneapolis Heart Institute Foundation,

Minneapolis, MN, USA

1:40 p.m.

Question and Answer

ACC Poster Moderator: Patricia A. Pellikka

ACC Poster Moderator: Allan Stewart



Valvular Heart Disease - Poster Contributions

Session #1216

Important Clinical Considerations in Managing Patients With Valvular Heart Disease

Sunday, April 3, 2016, 1:30 p.m. - 4:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

40 - Unfractionated Heparin Versus Low-Molecular-Weight Heparin Anticoagulant Bridging in Left-Sided Mechanical Heart Valve Patients: The Hi-Low Study

Einar Hart, Timion A. Meijs, Jan Westerink, Thomas C. Dessing, Rosemarijn Jansen, Berto Bouma, Robert Riezebos, Wilco Tanis, Wim Jan van Boven, Vikash Hindori, Nynke Wiersma, Steven Chamuleau, University Medical Center Utrecht, Utrecht, The Netherlands

41 - Benefits of Transcatheter Aortic Valve Replacement in Patients With Unclampable Calcified Aorta: Quantifying Reduced Mortality Risk in the TAVR Era

Maroun B. Yammine, Julius Ejiofor, Siobhan McGurk, Anthony Norman, Prem Shekar, Lawrence Cohn, Sary Aranki, Pinak Shah, Tsuyoshi Kaneko, Brigham and Women's Hospital, Boston, MA, USA

42 - Is There an Impact on Postoperative Morbidity and Long Term Survival After Minimal Access Aortic Valve Replacement

Sven Lehmann, Denis Merk, Sergey Leontyev, Christian Etz, Martin Misfeld, Anne Funkat, Jens Garbade, Friedrich Mohr, Heartcenter Leipzig, Leipzig, Germany

43 - Efficacy of Anticoagulation in Preventing Thromboembolism After Bio Prosthetic Aortic Valve Replacement: A Meta-Analysis

Abhilash Akinapelli, Muhammad Soubhi Azzouz, Hemantha Koduri, Mohamed Ayan, Venkata Alla, Dennis Esterbrooks, Creighton University Medical Center, Omaha, NE, USA

44 - Prosthesis Patient Mismatch in Transcatheter Aortic Valve Replacement Is Related to Body Size Indexed Annular Dimension

Andrew R. Weintraub, Valeria Milazzo, Hassan Rastegar, Carey Kimmelstiel, Duc Pham, Ayan Patel, Vilma Castaneda, Eleonora Avenatti, Natesa Pandian, Tufts Medical Center, Boston, MA, USA

45 - Transcatheter Mitral Valve Implantation in High-Risk Patients

Claire Boulet, Dominique Himbert, Bernard lung, Marina Urena, Amir-Ali Fassa, Eric Brochet, Phalla Ou, Patrick Nataf, Alec Vahanian, Cardiology Department, Bichat Hospital, Paris, France

46 - Re-Percutaneous Balloon Mitral Valvotomy for Mitral Re-Stenosis: Is It a Viable Option?

Amar N. Patnaik, Bhayravajhala Srinivas, Star Hospitals, Hyderabad, India, Nizam's Institute of Medical Sciences, Hyderabad, India

Valvular Heart Disease - Scientific Session

Session #707

Surgical Procedures for Valvular Heart Disease - So Many Choices

Sunday, April 3, 2016, 2 p.m. - 3:30 p.m.

Room S405

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Steven F. Bolling

Co-Chair: Roberto M. Lang

Panelist: Constantine L. Athanasuleas

Panelist: Catherine M. Otto

2:00 p.m.

Mitral Valve Repair - Varied Approaches, Annuloplasty Devices, and Techniques, but My Way Is Best

Patrick M. McCarthy

Chicago, IL

2:09 p.m.

Panel Discussion

2:18 p.m.

Aortic Valve Repair - When and How... and When Not

Anthony D. Caffarelli

Newport Beach, CA

2:27 p.m.

Panel Discussion

2:36 p.m.

Tricuspid Valve Repair/Replacement - The Almost Forgotten Valve

Gregory P. Fontana

New York, NY

2:45 p.m.

Modern Prosthetic Valves - So Many Considerations: Mechanical/Tissue; Ppm; Anticoagulation

Shahbudin H. Rahimtoola

Los Angeles, CA

2:54 p.m.

Panel Discussion

3:03 p.m.

Catheter Based Prosthetic Valves Beyond TAVR

Martin B. Leon

New York, NY

3:12 p.m.

3-D Solid Modeling of the Heart - Can You Practice Before You Perform?

Natesa G. Pandian

Boston, MA

3:21 p.m.

Panel Discussion

Valvular Heart Disease - Maintenance of Certification

Session #821

Study Session for Maintenance of Certification: ACC Module 1: Valvular

Sunday, April 3, 2016, 3:30 p.m. - 6 p.m.

Room S105cd

CME Hours: 2.5 /CNE Hours: 0

Chair: Eric Awtry

MOC Faculty: Robert Kim

MOC Faculty: Salvatore Costa



Valvular Heart Disease - Scientific Session

Session #6007

Challenging Questions in Valvular Heart Disease: Open Questions, Ask the Experts

Sunday, April 3, 2016, 3:45 p.m. - 4:45 p.m.

Engage@ACC.16 Studio (Expo, #6098)

CME Hours: 0 /CNE Hours: 0

Co-Chair: Natesa G. Pandian

Co-Chair: James B. McClurken

Panelist: Bijoy K. Khandheria

Panelist: Stephen H. Little

Panelist: Michael J. Reardon

Panelist: Carlos E. Ruiz

Panelist: Pravin Shah

Valvular Heart Disease - Moderated Poster Contributions

Session #1238M

Valvular Heart Disease: SBE Prophylaxis, Endocarditis Population Health

Sunday, April 3, 2016, 3:45 p.m. - 4:30 p.m.

Valvular Heart Disease Moderated Poster Theater, Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

3:45 p.m.

Impact of the American Heart Association's 2007 Guidelines on the Practice of Dental Prophylaxis for the Prevention of Infective Endocarditis in High Risk Patients: Olmsted County, Minnesota

Daniel Christopher DeSimone, Abdelghani El Rafei, Douglass W. Challener, Alan B. Carr, James A. Kelly, Jennifer L. St. Sauver, Brian Lahr, James Steckelberg, Walter Wilson, Larry Baddour, Mayo Clinic, Rochester, MN, USA

3:55 p.m.

Question and Answer

4:00 p.m.

No Associated Risk of Infectious Endocarditis With Routine Dental Care
Emil Fosbøl, Anders Dahl, Nikolaj Ihlemann, Louise Bruun, Lars Kober, Henning Bundgaard, Søren Fanø, Trine Lauridsen, Gunnar Gislason, Christian Torp-Pedersen, University Hospital of Copenhagen, Rigshospitalet, Copenhagen, Denmark

4:10 p.m.

Question and Answer

4:15 p.m.

Five-Year Mortality of Infective Endocarditis in a Population-Based Cohort
Daniel Christopher DeSimone, Abdelghani El Rafei, James Steckelberg, Muhammad Sohail, Walter Wilson, Larry Baddour, Mayo Clinic, Rochester, MN, USA

4:25 p.m.

Question and Answer

ACC Poster Moderator: Nimesh Desai

ACC Poster Moderator: Robert A. Guyton

Valvular Heart Disease - Scientific Session

Session #721

Tricuspid and Pulmonic Valve Disease - As Important as Left Sided Valves

Sunday, April 3, 2016, 4:45 p.m. - 6 p.m.

Room S405

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Alain Berrebi

Co-Chair: Ayan R. Patel

Panelist: Michael de Moor

Panelist: Anelechi Anyanwu

Panelist: Bijoy K. Khandheria

4:45 p.m.

TR - Mechanism and Prognosis

Luigi P. Badano

35123 Padua, Italy

4:54 p.m.

Tricuspid Regurgitation - Is It Severe or Moderate?

Michael H. Picard

Boston, MA

5:03 p.m.

Moderate TR Secondary to Left Heart Disease - What to Do?

Jae K. Oh

Rochester, MN

5:12 p.m.

Panel Discussion

5:21 p.m.

Severe TR Normal Right Ventricle and Large Atria

Avenatti Eleonora

Turin, Italy

5:30 p.m.

A Case of Ebstein's - Surgical Approach

Carlos Mestres

Abu Dhabi, United Arab Emirates

5:39 p.m.

Percutaneous Approaches for Right Sided Valve Disease

Ziyad M. Hijazi

Doha, Qatar

5:48 p.m.

Panel Discussion

Valvular Heart Disease - Clinical Focus

Session #1603

Valve Therapy in Tomorrowland

Sunday, April 3, 2016, 6 p.m. - 8:30 p.m.

Room S102

CME Hours: 2.5 /CNE Hours: 2.5

6:00 p.m.

Dinner

Co-Chair: Robert O. Bonow

Co-Chair: Steven F. Bolling

6:30 p.m.

Clinical Facilitator

Matthew A. Romano



6:30 p.m.

Welcome and Introduction to ARS Technology

Steven F. Bolling

Ann Arbor, MI

6:40 p.m.

Valvular Strategies and Treatment Options: You Are Here...You Are There

Robert O. Bonow

Chicago, IL

6:50 p.m.

Panel Discussion, Audience Question and Answer

Panelist: Steven F. Bolling

Panelist: Randolph P. Martin

Panelist: Martin B. Leon

7:05 p.m.

Where Imaging is Taking Us in the Virtual Valve of Tomorrowland

Randolph P. Martin

Atlanta, GA

7:15 p.m.

Panel Discussion, Audience Question and Answer

Panelist: Steven F. Bolling

Panelist: Robert O. Bonow

Panelist: Martin B. Leon

7:30 p.m.

Aortic Tomorrowland: A Glimpse of the Future

Martin B. Leon

New York, NY

7:40 p.m.

Panel Discussion, Audience Question and Answer

Panelist: Steven F. Bolling

Panelist: Robert O. Bonow

Panelist: Randolph P. Martin

7:55 p.m.

Mitral Tomorrowland: Full Steam Ahead

Steven F. Bolling

Ann Arbor, MI

8:05 p.m.

Panel Discussion, Audience Question and Answer

Panelist: Robert O. Bonow

Panelist: Randolph P. Martin

Panelist: Martin B. Leon

8:20 p.m.

Concluding Remarks

Robert O. Bonow

Chicago, IL

Valvular Heart Disease - Oral Contributions

Session #915

Highlighted Original Research: Valvular Heart Disease and the Year in Review

Monday, April 4, 2016, 8 a.m. - 9:30 a.m.

Room S405

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: James B. McClurken

Co-Chair: Natesa G. Pandian

8:00 a.m.

Year in Review Speaker

Rebecca T. Hahn

8:15 a.m.

Post-Market Evaluation of a Fully Repositionable and Retrievable Aortic Valve in 750 Patients Treated in Routine Clinical Practice: An Update From the RESPOND Study

Nicolas M. Van Mieghem, David Hildick-Smith, Sabine Bleiziffer, Jochen Woehrle, Daniel J. Blackman, Mohamed Abdel-Wahab, Ulrich Gerckens, Axel Linke, Peter Wenaweser, Oyvind Bleie, Karl E. Hauptmann, Hueseyin Ince, Dominic Allocco, Keith Dawkins, Volkmar Falk, Thoraxcenter, Erasmus Medical Center, Rotterdam, The Netherlands, Sussex Cardiac Centre, Brighton and Sussex University Hospitals, Brighton, United Kingdom

8:27 a.m.

Discussion

8:30 a.m.

Outcomes in 2824 Patients With Valvular Heart Disease Treated With Edoxaban or Warfarin in the ENGAGE AF-TIMI 48 Trial

Giulia Renda, Raffaele De Caterina, Anthony Carnicelli, Francesco Nordio, Michele Mercuri, Christian Ruff, Robert Giugliano, d'Annunzio University of Chieti-Pescara, Chieti CH, Italy

8:42 a.m.

Discussion

8:45 a.m.

GDF15 and ST2 Identify Patients With Aortic Stenosis and Severe Left Ventricular Hypertrophy at Increased Risk for Mortality After Aortic Valve Replacement

Marc Sintek, Nishath Quader, Hersh Maniar, Alan Zajarias, Eric Novak, Anna Vatterott, Cassie Lawler, Alejandro Aquino, John Lasala, Jared Breyley, Jennifer Lawton, Marc Moon, Spencer Melby, Ralph Damiano, Brian Lindman, Washington University in St. Louis, St. Louis, MO, USA

8:57 a.m.

Discussion

9:00 a.m.

Outcomes of Severe Functional Mitral Regurgitation With Normal Left Ventricular Systolic Function: An Under-Recognized Entity

Amr F. Barakat, Amgad Mentias, Mohammad Qasim Raza, Amar Krishnaswamy, L. Leonardo Rodriguez, Richard Grimm, Brian Griffin, E. Murat Tuzcu, Samir Kapadia, Cleveland Clinic Foundation, Cleveland, OH, USA

9:12 a.m.

Discussion



9:15 a.m.

Comparison of 5-Year Clinical Outcomes in Asymptomatic Versus Symptomatic Patients With Severe Aortic Stenosis Undergoing Aortic Valve Replacement

Shinichi Shirai, Tomohiko Taniguchi, Takeshi Morimoto, Kenji Ando, Kengo Korai, Kenji Minakata, Michiya Hanyu, Tadaaki Koyama, Tatsuhiko Komiya, Ryuzo Sakata, Takeshi Kimura, Kokura Memorial Hospital, Kitakyushu, Japan

9:27 a.m.

Discussion

Valvular Heart Disease - Poster Contributions**Session #1249****Aortic Stenosis****Monday, April 4, 2016, 9:30 a.m. - 12:30 p.m.****Poster Area, South Hall A1****CME Hours: 0.75 /CNE Hours: 0.75**

39 - Abnormal Arterial Hemodynamics: A Cause of Normal-Flow, Low-Gradient Aortic Stenosis

Nancy Côté, Louis Simard, Anne-Sophie Zenses, Lionel Tastet, Mylène Shen, Marie-Annick Clavel, Centre de Recherche de l'Institut Universitaire de Cardiologie et de Pneumologie de Québec, Quebec City, Canada

40 - Myocardial Ischemia Caused by Coronary Microvascular Dysfunction Is a Key Mechanism of Exertional Angina in Patients With Severe Aortic Stenosis: Insights From a Prospective Adenosine-Stress Cardiac Magnetic Resonance Study

Jong-Hwa Ahn, Sung-Ji Park, Sung Mok Kim, Sang-Chol Lee, Seung Woo Park, Jiseok Kang, Minsun Kim, Juwon Kim, Suyeon Lee, Kyunghee Lim, Haseong Chang, Sung Woo Cho, Samsung Medical Center, Seoul, South Korea

42 - Is Atrial Fibrillation Important for Low Gradient Severe Aortic Stenosis With Preserved Ejection Fraction?

Hong Shen, Brandon Stacey, David Zhao, Bharathi Upadhy, Sujethra Vasu, Min Pu, Wake Forest Baptist Medical Center, Winston-Salem, NC, USA, USA

43 - Evaluation of the Dobutamine Stress Echocardiographic Criteria to Identify True-Severe Stenosis in Patients With Low-Flow, Low-Gradient Aortic Stenosis

Eden Touboul, Abdellaziz Dahou, Ian Burwash, Maurice Sarano, Jutta Bergler-Klein, Stefan Orwat, Helmut Baumgartner, Gerald Mundigler, Eric Larose, Philippe Pibarot, Marie-Annick Clavel, Institut Universitaire de Cardiologie et de Pneumologie de Québec, Québec, Canada

44 - Influence of Left Ventricular Outflow Tract Size on Discrepancies in Aortic Stenosis Grading: In Vitro Study and Clinical Relevance

Philippe B. Bertrand, Maxim Verboven, Lars Grieten, Marcel Ameloot, Pascal Verdonck, Pieter Vandervoort, Ziekenhuis Oost-Limburg, Genk, Belgium, Hasselt University, Hasselt, Belgium

45 - Mitral Annular Calcification and Risk of Stroke in Severe Aortic Stenosis: A Propensity Score Analysis

Alok Saurav, Pallavi Bellamkonda, Abhilash Akinapelli, Aiman Smer, Ratna Priya Gangi, Manu Kaushik, Venkata Alla, Claire Hunter, Aryan Mooss, Creighton University Medical Center, Omaha, NE, USA

46 - Left Ventricular Diastolic Stiffness Is Associated With Heart Failure Symptoms in Aortic Stenosis Patients With Preserved Ejection Fraction

Daisuke Kamimura, Takeki Suzuki, Ervin Fox, Michael Hall, University of Mississippi Medical Center, Jackson, MS, USA

Valvular Heart Disease - Moderated Poster Contributions**Session #1273M****Valvular Heart Disease: Biomarkers****Monday, April 4, 2016, 9:45 a.m. - 10:30 a.m.****Valvular Heart Disease Moderated Poster Theater, Poster Area, South Hall A1****CME Hours: 0.75 /CNE Hours: 0.75**

9:45 a.m.

Cardiac Myosin Binding Protein C Is a Novel Circulating Marker of Myocardial Injury and Fibrosis in Patients With Aortic Stenosis

Atul Anand, Calvin Chin, Anoop Shah, Jacek Kwieceński, Alex Vesey, Marc Dweck, Joanna Cowell, Thomas Kaier, David Newby, Michael Marber, Nicholas Mills, Centre for Cardiovascular Science, University of Edinburgh, Edinburgh, United Kingdom, King's College London BHF Centre, The Rayne Institute, St Thomas' Hospital, London, United Kingdom

9:55 a.m.

Question and Answer

10:00 a.m.

Assessment of the Relationship Between Serum Vascular Adhesion Protein (VAP)-1 and Severity of Calcific Aortic Valve Stenosis

Huseyin Altug Cakmak, Serkan Aslan, Mehmet Erturk, Vesile Ornek, Aydin R. Tosu, Ali K. Kalkan, Derya Ozturk, Omer Tasbulak, Yalcin Avci, Mehmet Gul, Mustafakemalpaşa Government Hospital, Cardiology, Bursa, Turkey, Mehmet Akif Ersoy Thoracic and Cardiovascular Surgery Training and Research Hospital, Cardiology, Istanbul, Turkey

10:10 a.m.

Question and Answer

10:15 a.m.

Early Activation of Growth Pathways in Mitral Leaflets Exposed to Aortic Regurgitation: Active Mechanism to Prevent Functional Mitral Regurgitation in the Dilated Ventricle

Ons Marsit, Olivier Royer, Marie-Claude Drolet, Marie Arseneault, Jacques Couet, Jonathan Beaudoin, Centre de Recherche de l'Institut Universitaire de Cardiologie et de Pneumologie de Québec, Québec, Canada

10:25 a.m.

Question and Answer

ACC Poster Moderator: Shahbudin H. Rahimtoola

ACC Poster Moderator: Lissa Sugeng

Valvular Heart Disease - International Session**Session #522**

Interventions for Valvular Heart Disease: International Perspectives From the Egyptian Society of Cardiology, Hong Kong College of Cardiology, and American College of Cardiology

Monday, April 4, 2016, 10:45 a.m. - 12:15 p.m.**Room N427cd****CME Hours: 1.5 /CNE Hours: 0**

Co-Chair: William A. Zoghbi

Co-Chair: Adel M. El Etriby

Co-Chair: Shu Kin Li Kong

10:45 a.m.

Introduction to Session

William A. Zoghbi



10:50 a.m.
Management of Multivalvular Heart Disease
Hamdy Soliman
Cairo, Egypt

11:01 a.m.
The Status of Balloon Mitral Valvuloplasty
Mohamed Sobhy Aly
Alexandria, Egypt

11:12 a.m.
Tricuspid Interventions: The New Frontier
Rebecca T. Hahn
New York, NY

11:23 a.m.
Mitraclip for Severe Mitral Regurgitation: Hong Kong Perspective
Kwok-Yiu Wong
Hong Kong, Hong Kong

11:34 a.m.
Percutaneous Treatment of AS With Severe Left Ventricular Dysfunction
Kam-Tim Chan
Kowloon, Hong Kong

11:45 a.m.
Discussion

Valvular Heart Disease - Scientific Session

Session #748

Bicuspid Aortic Valve +/- Aortopathy: Diagnosis, Surveillance, Treatment Update

Monday, April 4, 2016, 10:45 a.m. - 12:15 p.m.

Room S405

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Kim A. Eagle
Co-Chair: Julius M. Gardin
Panelist: Gordon Huggins
Panelist: Anthony D. Caffarelli
Panelist: William J. Stewart

10:45 a.m.
Is It Really Bicuspid - and Does Phenotype Matter? Imaging (ECHO, CT, CMR) & Guidelines (ACC, ESC)
Arturo Evangelista
Barcelona, Spain

10:56 a.m.
What We Know/Don't Know About Genetics of BAV +/- Aortopathy (Size Index Does Matter)
Dianna M. Milewicz
Houston, TX

11:07 a.m.
Discussion

11:18 a.m.
Are You Crazy - Repair a Bicuspid AV With AR? Evolving Options
Joseph E. Bavaria
Philadelphia, PA

11:29 a.m.
Discussion

11:40 a.m.
'Asymptomatic' BAV AS, Orifice ~ 1, MG Low-Mid 30's, Mod Dil Asc Ao, Early 50's yo f: What Would You Do?
Amy E. Simone
Atlanta, GA

11:51 a.m.
Symptomatic BAV AS < 1.0 Orifice, >50 MG, Mod Dil Asc Ao, Early to Mid 80's yo m w COPD - SAVR or TAVR?
Darren Mylotte
Dublin 2, Ireland

12:02 p.m.
Discussion

Valvular Heart Disease - Special Session

Session #6009

Simulation Session III: Valvular Heart Disease

Monday, April 4, 2016, 11:15 a.m. - 12:30 p.m.

Engage@ACC.16 Studio (Expo, #6098)

CME Hours: 0 /CNE Hours: 0

Co-Chair: Michael W. Cullen
Co-Chair: Scott M. Lilly

11:15 a.m.
Simulation Faculty
Blase A. Carabello

11:15 a.m.
Simulation Faculty
Rick A. Nishimura
Rochester, MN

Valvular Heart Disease - Scientific Session

Session #762

Multivalve Dysfunction + CM + CAD in the Older Adult: I Can't Find This in My Guidelines App

Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.

Room S405

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: James B. McClurken
Co-Chair: Michael W. Rich
Panelist: Brian O'Murchu
Panelist: James A. Burke

Co-Chairs Introduce the Session

12:32 p.m.
Mid 80's yo f w CHF, Severe VAS, Mod MR, Mod TR, ModLM & RCA, reduced EF/Mod LV Enlargement [up to What Was Done]
David Jones
Philadelphia, PA

12:38 p.m.
Assessing Multimorbidity and Frailty in the VHD Older Adult - Can We Predict Outcomes?
Jonathan Afilalo
Montreal, Canada



12:46 p.m.

Seeing the patient When Fogged Over by Data: Importance of Heart Team Assessment of Nuances

Amy E. Simone

Atlanta, GA

12:54 p.m.

Discussion

1:02 p.m.

Percutaneous Options: Are We Trending Extreme With Catheter Based Multi-Coronary/Valve Deployments? Guidelines? Evidence?

George D. Dangas

New York, NY

1:10 p.m.

Discussion

1:16 p.m.

Surgical Options: Fix It All? Fix Some Of It? How Do You Decide in the Multimorbid VHD Older Adult?

Richard J. Shemin

Los Angeles, CA

1:24 p.m.

Discussion

1:30 p.m.

In the Deep Weeds: ECMO Support Post Older Adult Procedure - Really? Results?

Joseph C. Cleveland, Jr.

Aurora, CO

1:37 p.m.

Mid 80's yo f w CHF, Severe VAS, Mod MR, Mod TR, Mod LM & RCA, Reduced EF/Mod LV Enlargement [Outcome]

David Jones

Philadelphia, PA

1:40 p.m.

Conclusion Discussion

Valvular Heart Disease - Moderated Poster Contributions

Session #1284M

Mitral Regurgitation: New Information and Options

Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.

Valvular Heart Disease Moderated Poster Theater, Poster Area, South Hall A1

CME Hours: 1.25 /CNE Hours: 1.25

12:30 p.m.

Isolated Mitral Regurgitation in the Population: Prevalence and Outcomes

Volha Dziadzko, Maurice Enriquez-Sarano, Mayo Clinic, Rochester, MN, USA

12:40 p.m.

Question and Answer

12:45 p.m.

Combination of Mitral Valve Tethering and Annular Dilatation as a Mechanism of Mitral Regurgitation Secondary to Atrial Fibrillation: Serial Transesophageal Echocardiographic Study After Radiofrequency Catheter Ablation

Daimon Kuwahara, Nozomi Watanabe, Keiichi Ashikaga, Tomoko Fukuda, Shun Nishino, Hirohide Matsuura, Tatsuya Nakama, Makoto Furugen, Hiroshi Koiwaya, Nehiro Kuriyama, Yoshisato Shibata, Miyazaki Medcal Association Hospita, 738-1 Funato,Shinbepputhou, Japan

12:55 p.m.

Question and Answer

1:00 p.m.

Impact of Mitral Regurgitation on 2-Year Clinical Outcomes in Patients With Acute Myocardial Infarction: Propensity Score Matched Analysis

Seung-Woon Rha, Sang-Ho Park, Ung Jeon, Byoung Geol Choi, Se Yeon Choi, Jae Kyeong Byun, Min Shim, Dong Joo Oh, Myung Ho Jeong, other Korea Acute Myocardial Infarction Registry Investigators, Cardiovascular Center, Korea University Guro Hospital, Seoul, South Korea, Cardiology Department, Soonchunhyang University Cheonan Hospital, Cheonan, South Korea

1:10 p.m.

Question and Answer

1:15 p.m.

Myocardial Fibrosis Is a Powerful Predictor of Mortality in Patients With Ischemic Mitral Regurgitation Who Have Undergone Surgical Mitral Valve Intervention

Kenya Kusunose, Nancy Obuchowski, Zoran Popovic, Milind Desai, Scott Flamm, Brian Griffin, Deborah Kwon, Tokushim University Hospital, Tokushima, Japan

1:25 p.m.

Question and Answer

1:30 p.m.

One Year Clinical Results of the Echo Guided Transapical Mitral Valve Repair With NeoChord Implantation

Andrea Colli, Eleonora Bizzotto, Laura Besola, Erica Manzan, Fabio Zucchetta, Roberto Bellu, Cristiano Sarais, Lorenzo Bagozzi, Matteo Montagner, Demetrio Pittarello, Dario Gregori, Gino Gerosa, University of Padua, Padua, Italy

1:40 p.m.

Question and Answer

ACC Poster Moderator: Robert A. Levine

ACC Poster Moderator: Lissa Sugeng

Valvular Heart Disease - Scientific Session

Session #775

Special Circumstance Valve Problems - Oh My!

Monday, April 4, 2016, 2 p.m. - 3:30 p.m.

Room S405

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Jonathan R. Lindner

Co-Chair: Natesa G. Pandian

Panelist: Joachim Schofer

Panelist: Christina M. Vassileva

Panelist: Alan Zajarias

2:00 p.m.

Cases - Imaging: Moderate AS, Moderate AR; Mixed Multi Valve Moderate AS/MR+/-TR; Normal? AV Prosthesis, Now MS/MR; HOCM w MR; Pregnancy, New MR

Alan Zajarias

Saint Louis, MO



2:13 p.m.
Imaging Panel Discussion

2:18 p.m.
Mixed Multi Valve Moderate AS/MR+/-TR; Normal ? Prothetic AV, Now MS/MR: Surgical Considerations
Gregory P. Fontana
New York, NY

2:31 p.m.
Discussion

2:36 p.m.
HOCM With MR - Still Seeking the Treatment Paradigm?
Joseph A. Dearani
Rochester, MN

2:49 p.m.
Discussion

2:54 p.m.
Pregnant, 2nd Trimester, CHF, MV Disease ... Uh-Oh
Lissa Sugeng
New Haven, CT

3:07 p.m.
Recalcitrant Drug Abuse Endocarditis, s/p Recent Prior Replacement, How Many Chances?
Michael J. Reardon
Houston, TX

3:20 p.m.
Discussion

Valvular Heart Disease - Scientific Session

Session #786

Low Gradient Aortic Stenosis

Monday, April 4, 2016, 3:45 p.m. - 5:15 p.m.

Room S405

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Martin G. Keane
Co-Chair: Aidan A. Raney
Panelist: James B. McClurken
Panelist: Robert J. Siegel

3:45 p.m.
Magnitude and Mechanisms Behind Low Gradient Severe AS
Natesa G. Pandian
Boston, MA

3:53 p.m.
A Case of Severe AS, Low Gradient and Low EF
Patricia A. Pellikka
Rochester, MN

4:01 p.m.
A Case of Low Gradient Severe AS With Normal EF
Petros Nihoyannopoulos
London, United Kingdom

4:09 p.m.
A Case of Low Gradient Severe AS, Normal EF and Mitral Valve Disease
Alamelu Ramamurthi
Boston, MA

4:17 p.m.
A Case of Low Gradient Severe AS Caused by Restrictive Physiology
Rekha Mankad
Rochester, MN

4:25 p.m.
Panel Discussion

4:33 p.m.
Low Gradient Severe AS With Normal EF Is as Bad as High Gradient AS
Philippe Pibarot
Quebec, Canada

4:41 p.m.
Low Gradient Severe AS With Normal EF Is Not as Bad as High Gradient AS
Paul A. Grayburn
Dallas, TX

4:49 p.m.
Panel Discussion