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 Valvuloplasty 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: Asymptomatic 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 0AX, 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, Denmark
40 - Diabetes Mellitus Does Not Worsen Long-Term Survival Following Isolated Surgical Aortic Valve Replacement: A Propensity Matched Analysis
Benjamin van Boxtel, Robert Sorabelli, Nathaniel Langer, Nathaniel Kheyssin, 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, Maiatsu Akma Sulong, Norfazilina Jaffar, Mohd Ramlı, 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 Aschnerman, 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, USA
45 - Outcomes of Patients With ≥3+ Aortic Regurgitation and Preserved Left Ventricular Ejection Fraction: A Single Tertiary Care Center Experience
Amgad 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 Transaortic Artery
Luigi Pirelli, Jacob S. Scheinerman, Derek R. Brinster, Efstathia Mihelis, Alicia Adams, Dillon Weiss, Chad Kilger, 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 Nikanth 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
Philipe Pibarot, Rebecca Hahn, Neil Weissman, Howard Herrmann, Vinod Thurani, Susheel Kodali, Quebec Heart & Lung Institute, Quebec, 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 Alkhouli, 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 Kofman, 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 Kraicer, Neil Strickman, Ali Mortazavi, Richard Fish, Guilherme Silva, Jose Diez, Amy L. Paul, Raymond Stainback, Stephanie Coulter, Joseph Navarrio, 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

12:00 p.m.
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 Bocke, Olga Kislitsina, Aleksandrova Svetlana, Irina Averina, Bakoulev Scientific Center for CVS, Moscow, Russian Federation

#### 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, Olga Kislitsina, Aleksandrova Svetlana, Irina Averina, Bakoulev Scientific Center for CVS, Moscow, Russian Federation
- **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 - 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 Kiramijyan, Edward Koifman, Itzik Ben-Dor, Zachary Jerusalem, Sandeep Kumar, Marco Magalhaes Pereira, Romain Didier, Smita Negi, Toby Rogers, Ari Steinvil, Sang Yeub Lee, Kang Won Yu, Jiaxiang Gai, Rebecca Torguson, Petros Okubazgi, Michael Lipinski, Michael Gagli, 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 RESPONSE 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-Gefässchirurgie, Deutsches Herzzentrum Berlin, Berlint, Germany
4:25 p.m.
Question and Answer

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
8:00 a.m.
A Case of Carcinoid Valve Disease
Juan Carlos Plana
Houston, TX
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 Etchamnoff
Rouen, France

8:25 a.m.
Palliative Care in Aortic and Mitral Disease: Who Needs This?
Kyle W. Klrich
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. Hjelmborg, 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, Yoko 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 Hirawase, Masaki Izumo, Taro Sasaoka, Takashi Ashikaga, Suzuki Kengo, Tomoo Harada, Mitsuki 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, Akhiro Hayashida, Misako Toki, Takao Morikawa, Tomonori Miki, Yasuhiro 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, Efstatrios K. Theofiliogiannakos, 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-Omran  
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 Babaliaros, 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, Kreton 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, Zugu 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. Meijis, 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 Avenati, Natesa Pandian, Tufts Medical Center, Boston, MA, USA

45 - Transcatheter Mitral Valve Implantation in High-Risk Patients
Claire Bouleti, Dominique Himbert, Bernard Jung, 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, Bhryavarajhala 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

Valvular Heart Disease
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 #123BM
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 Rafel, 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, 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 Rafel, 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 - 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, Huseyin 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 Camiccielli, 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 Shira, Tomohiko Taniguchi, Takeshi Morimoto, Kenji Ando, Kengo Kori, Kenji Minakata, Michiya Hanuy, Tadaaki Koyama, Tatsuhiko Komiya, Ryuza 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, Sujithra 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
Eyen Touboul, Abdellaziz Dahou, Ian Burwash, Maurice Sarano, Jutta Bergler-Klein, Stefan Orwat, Helmut Baumgartner, Gerald Mundigler, Eric Larose, Philippe Pibarat, Marie-Annick Clavel, Institut Universitaire de Cardiologie et ed Pneumologie de Quebec, Quebec, 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 Verbven, 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 Kauhisk, 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 Kwieciński, 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 Altuğ Cakmak, Serkan Aslan, Mehmet Erturk, Vesile Ornek, Aydin R. Tosu, Ali K. Kalkan, Derya Ozturk, Omer Tasbulak, Yalcin Avci, Mehmet Gul, Mustafakemalpasa 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 Arsenault, Jacques Couet, Jonathan Beaudoin, Centre de Recherche de l'Institut Universitaire de Cardiologie et de Pneumologie de Québec, Quebec, Canada

10:25 a.m.
Question and Answer

ACC Poster Moderator: Shahbudin H. Rahimtoola
ACC Poster Moderator: Lisa 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

11:18 a.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

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

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

12:55 p.m.
Question and Answer

1:00 p.m.
Impact of Mitril 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 Hospitai, 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 Mitril Regurgitation Who Have Undergone Surgical Mitril Valve Intervention
Kenya Kusunose, Nancy Obuchowski, Zoran Popovic, Milind Desai, Scott Flamm, Brian Griffin, Deborah Kwon, Tokushima University Hospital, Tokushima, Japan

1:25 p.m.
Question and Answer

1:30 p.m.
One Year Clinical Results of the Echo Guided Transapical Mitril Valve Repair With Neochord Implantation
Andrea Coll, Eleonora Bizzotto, Laura Besola, Erica Manzan, Fabio Zucchetta, Roberto Bellu, Cristiano Sarais, Lorenzo Bagozi, Matteo Montagner, Demetrio Pittarello, Dario Gregori, Gino Gerosa, University of Padua, Padua, Italy

1:40 p.m.
Question and Answer

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 ? Prothetich 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