

VALVE SUMMIT

28TH - 30TH APRIL 2014

**Surgical and Percutaneous Course
on Aortic and Mitral Valve Therapy
and Structural Cardiology**

Acireale

Hotel Santa Tecla Palace

Sicily, Italy

Promoted by:
ETNA Foundation

In co-operation with:
Ferrarotto & Policlinico Hospitals
University of Catania - ITALY
S. Raffaele Hospital
University of Milan - ITALY
Evanston Hospital
University of Illinois - USA
Prince Sultan Cardiac Center Riyadh
SAUDI ARABIA



preliminary program

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VALVE SUMMIT

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Scientific program

April 28, 2014 – Monday

AORTIC VALVE DISEASE I TAVI DECISION MAKING AND PERIOPERATIVE MANAGEMENT

15:00-15:10 The changing global pattern of TAVI use

15:10-15:20 When prohibitive risk and poor outcomes makes TAVI futile

15:20-15:30 Evolving paradigms in prosthesis size selection: from single diameter to three-dimensional schemas

15.30-15.40 Poor femoral access? Don't panic! An overview of alternative TAVI approaches: apical, transaortic, carotid, and antegrade

15:40-15:50 After TAVI: pearls and conundrums of post-procedural management

15:50-16:00 The Valve Heart Team: Rationale and Logistics

16:00-16:15 Discussion with Q&A

16:15-16:40 Coffee Break

16:40-16:45 *Opening of Valve Summit 2014*

KEYNOTE LECTURE

16:45-17:05 How did we get here: from the first pioneering experience to a worldwide phenomenon. The 20-year history of TAVI

AORTIC VALVE DISEASE II TAVI PROCEDURE AND OUTCOMES

17:05-17:15 Indications for SAVR, TAVI and balloon valvuloplasty in severe aortic stenosis: what guidelines recommend

17:15-17:25 Femoral TAVI with a self-expanding prosthesis and with a balloon-expanding prosthesis: techniques from A to Z

17:25-17:35 Clinical Outcomes of TAVI with a self-expanding prosthesis in a nutshell

17:35-17:45 Clinical Outcomes of TAVI with a balloon-expanding prosthesis in a nutshell

- 17:45-17:55 Bicuspid AS, coronary artery disease, concurrent mitral regurgitation, and aortic regurgitation: TAVI outcomes from complex subgroups**
- 17:55-18:05 Valve-in-valve: a state of the art**
- 18:05-18:15 What is in the pipeline? Ongoing TAVI trials and research directions**
- 18:15-18:30 Discussion with Q&A**
- 18:30 Adjourn**

April 29, 2014 – Thursday

AORTIC VALVE DISEASE III PUSHING THE BOUNDARIES

**9:00-11:00 Taped Cases from Ferrarotto Hospital,
Catania**

11:00-11:30 Coffee Break

KEYNOTE LECTURE

**11:30-11:50 Quo vadis, TAVI? How new prostheses
and innovative solutions will revolutionize
clinical practice from today to 2025**

**11:50-12:00 Vascular complication and bleeding:
prevention is key, treatment is
imperative**

**12:00-12:10 Stroke: where are we with protection
devices?**

**12:10-12:20 Paravalvular leakage: new solutions for
a puzzling dilemma**

**12:20-12:30 TAVI nightmares: aortic rupture, coronary
occlusion and valve embolization**

**12.30-12.40 Men and women were not created equal:
gender-based TAVI Outcomes**

12:40-12:50 Newly-onset conduction disturbances and acute kidney injury following TAVI: incidence, predictors and clinical outcome

12:50-13:15 Discussion with Q&A

13:15-14:30 Lunch

MITRAL VALVE DISEASE I PATIENT SELECTION FOR PERCUTANEOUS MITRAL VALVE REPAIR AND PROCEDURE

DEBATE

14:30-14:42 Yes, percutaneous mitral valve repair should be extended to intermediate to low risk patients

14:42-14:54 No, percutaneous mitral valve repair should remain a palliative alternative to conventional surgery

14:54-14:57 Rebuttal

14:57-15:00 Rebuttal

15:00-15:12 The echocardiographer's corner: which mitral morphology I recommend for percutaneous mitral valve repair and which one for surgery

15:12-15:24 Degenerative and functional mitral regurgitation: where is percutaneous mitral valve repair best?

15:24-15:36 A primer on the percutaneous mitral valve repair procedure, with expert tips and tricks

15:36-15:48 Percutaneous mitral valve repair and CRT: new perspectives for heart failure patients

15:48-16:00 2D, 3D and Stereo-3D echocardiography for percutaneous mitral valve repair guidance: cyphering the multimodality overlay

16:00-16:15 Discussion with Q&A

16:15-16:45 Coffee Break

KEYNOTE LECTURE

16:45-17:05 Percutaneous mitral valve repair and replacement between technology and innovations: are they here to stay? What's around the corner and my vision for the future

MITRAL VALVE DISEASE II AND OTHER VALVE DISEASE

OUTCOMES OF PERCUTANEOUS MITRAL AND TRICUSPID VALVE REPAIR

- 17:05-17:15** A natural history of mitral regurgitation from etiology to prognostic determinants
- 17:15-17:25** Indications for surgical and percutaneous intervention in degenerative and functional mitral regurgitation: what guidelines recommend
- 17:25-17:35** What should we consider a success after percutaneous mitral valve repair?
- 17:35-17:45** Tell me the truth: unraveling percutaneous mitral valve repair outcomes from registries to trials with focus on ongoing trials and research directions
- 17:45-17:55** What is in the pipeline? The next wave of percutaneous devices for mitral regurgitation
- 17:55-18:05** A review of percutaneous mitral valve repair cases, including complex prolapse and flail. How far can we go with percutaneous mitral valve repair?
- 18:05-18:15** Percutaneous tricuspid valve intervention: theoretical background and ongoing development

18:15-18:30 Discussion with Q&A

April 30, 2014 – Wednesday

OTHER STRUCTURAL HEART DISEASES CROSSROADS IN CLINICAL PRACTICE

9:00-11:00 Taped Cases from Ferrarotto Hospital, Catania

11:00-11:30 Coffee Break

KEYNOTE LECTURE

11:30-12:00 Left ventricle partitioning: the next frontier of interventional cardiology

12:00-12:10 Closure techniques for large caliber arterial accesses

12:10-12:20 Closure techniques for large caliber venous accesses

12:20-12:30 Dealing with heart failure in 2014: beyond medical therapy

12:30-12:40 PFO Closure: what remains after RESPECT and PC

12:40-12:50 Paravalvular leak closure: indications, patient selection and procedure

12:50-13:00 A state-of-the-art on left atrial appendage closure - is it better than oral anticoagulants?

13:00-13:15 Discussion with Q&A

13:15-13:20 *Wrap up and Closure of Valve Summit 2014*

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Maximum 200 attendees



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