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# 7th CONFERENCE OF TRANSCATHETER HEART VALVE THERAPIES INTERNATIONAL PARTICIPANTS

**MAY 18-19, 2018**  
**HILTON HOTEL | ATHENS**

Course Directors:

**Stratis Pattakos**

Director 2nd Cardiac Surgery

Department & Co-director of

Transcatheter Heart Valves,

Department HYGEIA

**Konstantinos Spargias**

Director Transcatheter Heart Valves

Department HYGEIA

**Prof. Panos Vardas**

Chairman of Heart Sector, HYGEIA Hospitals Group

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[www.livemedia.gr](http://www.livemedia.gr)

Under the auspices of:

Hellenic Society of Cardiology (HSC)

Working Group of Hemodynamic and Interventional Cardiology, HSC

Working Group of Heart Valve Disease, Adult Congenital Heart Disease and Pulmonary Hypertension, HSC



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**Stratis Pattakos MD**  
**Konstantinos Spargias MD**  
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**Nick Bouboulis MD**  
**Michael Chrissoheris MD**  
**Gregory Pattakos MD**

Joint Sessions Also Coordinated with the 3rd International Conference  
on Cardiovascular Imaging

## COURSE DIRECTORS

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**George Athanassopoulos MD**

Joint session

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## ORGANIZING COMMITTEE / FACULTY

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## 7<sup>th</sup> CONFERENCE OF TRANSCATHETER HEART VALVE THERAPIES INTERNATIONAL PARTICIPANTS

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### Learning Objectives

Current and expanding indications for THVT  
Planning and organizing THVT  
Case selection and screening  
Imaging modalities in planning and performing THVT  
THVT: Scientific workshops  
THVT: Clinical workshops  
Challenging cases and difficult scenarios  
Avoiding and managing complications  
Access site planning  
New devices and future THVT

### Target Attendees

Cardiologists  
Cardiac Surgeons  
Heart Team Members  
Anesthesiologists  
Vascular Surgeons  
Radiologists  
Intensivists  
Nephrologists  
Pulmonologists  
Echocardiographers  
Cathlab and Hybrid Room Nurses  
Researchers

### Content

Lectures, Debates, Taped Cases, Live Cases

### Contact

THVgreece.com  
info@hygeia.gr  
Tel +30 210 6867229-904



## WELCOME NOTE

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Dear Colleagues,

We welcome you to the [7th Conference of Transcatheter Heart Valve Therapies](#). Building on the success of prior years we have expanded the breadth and depth of the topics that will be discussed this year. A variety of innovations in transcatheter therapies have lead us down a road where all valves may now be repaired or replaced percutaneously. Following in the strong footsteps of TAVR for the aortic valve we now have new and exciting therapies to discuss for the mitral, tricuspid and pulmonic valves as well. These revolutionary technologies will undoubtedly require the collaboration of all involved parties and this meeting seeks to provide a framework for these discussions to take place. The meeting is meant to be interactive so please voice your thoughts, ask questions, and give us insights learned from your own valve practice. There are multiple countries represented in our speakers and audience and the hope is that networking and collaboration will be plentiful. We have organized a variety of social events to foster these interactions and we hope that you will enjoy science, socializing and scenery! For those of you who have not visited prior, the city of Athens is a world-renowned tourist destination and we encourage you to explore and savor.

We owe a debt of gratitude to our speakers, our sponsors, all participants, and our organizing company Inventics - Medevents all of whom worked diligently for many months to bring you the program you will enjoy for the next two days.

Welcome to Athens and welcome to the 7th Conference of Transcatheter Heart Valve Therapies!

**Stratis Pattakos, MD**  
**Konstantinos Spargias, MD**  
**Panos Vardas, MD**

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## PROGRAM / FRIDAY, MAY 18<sup>th</sup> 2018

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### 09.00 - 10.30 **TAVR club I: Advanced training lectures and clinical controversies**

Moderators: **S. Foussas, N. Ioannou, S. Konstantinidis, E. Pissimisis, A. Trikas**

1. Predilatation and postdilatation during TAVR: Risks involved and when it should be considered mandatory **G. Trantalís**
2. Emergent TAVR in AS patients with intractable heart failure or cardiogenic shock: Feasibility, selection process and clinical trials evidence **A. Manginas**
3. TAVR in patients with CKD or on renal replacement therapy: Special considerations and prevention of early valve failure **A. Chalapas**
4. How Do I Manage These Challenging Case Scenarios? Horizontal aorta, excessive calcium in the annulus and LVOT, sizing in the Gray Zone, borderline femoral access **K. Spargias**
5. Management of stable and unstable Coronary Disease in AS patients: Timing of PCI with TAVR, when to consider CABG, and completeness of revascularization **J. Iakovou**
6. Will the Heart Team Survive the modern era of minimalist TAVR? **G. Pattakos**

### 10.30 - 11.30 **My best and worst TAVR case of the year. The single most important lesson learned**

Moderators: **A. Antoniadis, N. Bouboulis, N. Kafkas, S. Papaioannou**

1. **G. Katsimagklis**
2. **G. Karavolias**
3. **V. Tzifos**
4. **G. Sianos**
5. **G. Bompotis**

### 11.30 - 12.00 **OPENING CEREMONY**

**S. Pattakos** (Organizing Committee)  
**G. Zacharopoulos** (Scientific Council, Hygeia Hospital)  
**K. Tsioufis** (President, Hellenic Society of Cardiology)  
**D. Tousoulis** (Director of 1st Cardiology University Dept, GHA Hippokration)  
**P. Vardas** (Past President, ESC)

### 12.00 - 12.30 **Break**

## PROGRAM / FRIDAY, MAY 18<sup>th</sup> 2018

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### 12.30 - 14.30 **TAVR club II: The basics that determine success or failure**

Moderators: **C. Chrysohoou, P. Danias, C. Olympios, S. Patsilidakos**

1. Aortic Valve Stenosis: Flow and Gradient stratification and association with TAVR outcomes **K. Raisakis**
2. Aortic Valve Stenosis: When the TTE is (or is not) sufficient to make the diagnosis and guide treatment **K. Naka**
3. A real-world case example **L. Lakkas**
4. Aortic Valve Stenosis: When stress TTE and/or TEE is required to make the diagnosis and guide treatment **S. Karagiannis**
5. A real-world case example **K. Papadopoulos**
6. TAVR MSCT screening. Guidance, device selection, and outcomes prediction **C. Mourmouris**
7. A real-world case example **P. Kourkovele**
8. The imaging conundrum of Bicuspid Aortic Valve Disease **I. Mastorakou**

### 14.30 - 16.00 **TAVR club III: Complex cases**

Moderators: **G. Bompotis, A. Dimas, D. Iliopoulos, M. Koutouzis**

1. Imaging guided differential balloon filling of Sapien 3: clinical outcomes **J. Velianou**
2. TAVR device selection for patients with small sinuses of Valsalva **N. Pilatis**
3. Repositioning of self-expanding valves: Use cautiously! **A. Tzikas**
4. My best and worst TAVR case of the year. The single most important lesson learned **D. Tsikaderis**
5. My best and worst TAVR case of the year. The single most important lesson learned **C. Arampatzis**
6. My best and worst TAVR case of the year. The single most important lesson learned **G. Siasos**
7. My best and worst TAVR case of the year. The single most important lesson learned **A. Ziakas**



## PROGRAM / FRIDAY, MAY 18<sup>th</sup> 2018

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### 16.00 - 17.30 **Aortic and Mitral club**

#### **Joint session**

Moderators: **S. Adamopoulos, L. Michalis, P. Nihoyannopoulos, E. Vavuranakis**

Impact of valvular heart disease on the global burden of Heart Failure: Can Transcatheter therapies make a difference?

**S. Von Bardeleben**

PVL assessment. Is paravalvular regurgitation after TAVR still an important consideration in 2018? **M. Chrissoheris**

Transcatheter "Edge-to-Edge" Mitral Valve Repair (MitraClip, PASCAL): Updated patient selection criteria and clinical challenges **K. Spargias**

Patients with severe AS and significant MR: frequency, management and the role of Mitraclip **K. Toutouzas**

Transcatheter Mitral Valve Repair and Replacement: Competition or Synergy **V. Bapat**

My best and worst Mitraclip case of the year. The single most important lesson learned **V. Ninios**

### 17.30 - 18.15 **Joint session**

#### **Special Lectures**

Moderators: **P. Nihoyannopoulos, E. Iliodromitis**

Risk stratification in aortic valve disease **R. Rosenhek**

Facilitated TAVR (next day discharge) and TAVR expansion in lower risk patients **J. Velianou**



## PROGRAM / FRIDAY, MAY 18<sup>th</sup> 2018

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**18.15 - 20.00**    **Joint session**

### **Tricuspid and Pulmonary club**

Moderators: **G. Athanassopoulos, K. Avgeropoulou, I. Goudevenos, M. Khoury, G. Stavridis**

Functional Tricuspid Regurgitation: pathophysiology, natural history, medical management, and timing of intervention **C. Karvounis**

Similarities and differences in Tricuspid vs. Mitral Valve anatomy and imaging. Echo evaluation of TR severity and procedural guidance for tricuspid interventions **M. Chrissoheris**

Pacemaker-associated Tricuspid Regurgitation: Underestimated and tickling the balance in select patients **G. Makavos**

Surgical management of Tricuspid Regurgitation: Outcomes and implications for transcatheter therapies **G. Pattakos**

Off-label, palliative Mitraclip treatment in functional and degenerative Tricuspid Regurgitation **S. Von Bardeleben**

Tricuspid Technology: ViV, Forma Spacer, Trialign, Cardioband, Tricinch Millipede, Pascal **K. Spargias**

Transcatheter Pulmonary Valve replacement: An update on the solutions available in 2018 **A. Tzifa**



## PROGRAM / SATURDAY, MAY 19<sup>th</sup> 2018

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### 09.00 - 11.00 **TAVR club IV: Advanced training lectures and clinical controversies**

Moderators: **K. Aggeli, G. Makos, D.G. Nikas, V. Voudris**

1. The compelling saga of strokes after TAVR (and SAVR) and the role of cerebral embolic protection devices **M. Hamilos**
2. Comparison of the various TAVR systems: Should clinical and anatomic factors determine TAVR device selection? **K. Toutouzas**
3. TAVR Device Selection and CT Sizing for Bicuspid Aortic Valves. A tutorial of tips and tricks **E. Vavuranakis**
4. A Surgeon's viewpoint on SAVR vs. TAVR, bioprosthetic valve durability and the role of the Rapid Deployment surgical valves **D. Angouras**
5. TAVR alternative access: Transapical, transaortic, transsubclavian, suprasternal, transcarotid. For whom and how **V. Lozas**
6. Transcaval TAVR for all who cannot have TF access? **M. Kasel**
7. Incidence, predictors, and consequences of permanent pacemakers after TAVR **T. Apostolopoulos**
8. My best and worst TAVR case of the year. The single most important lesson learned **A. Nikitopoulos**

### 11.00 - 11.30 **Break**

### 11.30 - 13.30 **TAVR club V: Advanced training lectures and clinical controversies**

Moderators: **A. Pitsis, V. Pyrgakis, A. Spanos, V. Voudris**

1. Coronary Obstruction during TAVR: Risk assessment, prevention and treatment **C. Eftychiou**
2. Importance of imaging in TAVR: what a non-imaging Structuralist needs to know to obtain the best possible results **J. Velianou**
3. Management of bioprosthetic valve failure: A Valve-in-Valve workshop (stented, stentless and small valves, implant depth, PAR, stent fracture) **D. Dvir**
4. TAVR for non-calcific Aortic Insufficiency. Are we there yet? **M. Kasel**
5. Prevention and management of paravalvular leak **G. Latsios**
6. Optimal TAVR device placement to reduce the frequency of conduction abnormalities and PAR **D.N. Nikas**
7. Cardiothoracic surgeons and skills for structural intervention **V. Bapat**

## PROGRAM / SATURDAY, MAY 19<sup>th</sup> 2018

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**13.30 - 14.00 Break**

**14.00 - 16.00 Mitral club II: Focus on Valve in Valve and TMVR**

Moderators: **D. Katritsis, F. Mitropoulos, A. Pitsis, K. Toutouzas**

1. Surgical and Transcatheter Mitral Valve Replacement vs. Repair: Competition or Synergy **M. Reardon**
2. Techniques and outcomes of Trans-septal Valve-in-Ring, Valve-in-Valve, and Valve-in-MAC **D. Dvir**
3. TAVR in Mitral surgical valves and rings: Imaging for Patient and Prosthesis Selection and how to use the Mitral App **C. Mourmouris**
4. TMVR today: Access routes and sizing for Transcatheter Mitral Valve replacement. Clinical and technical considerations **V. Bapat**
5. LVOT obstruction after TMVR: prediction, prevention, management and role of the LAMPOON procedure **D. Dvir**
6. TMVR in MAC: Lessons from the registries and 3D printing **K. Moldovan**
7. Transcatheter Mitral Valve chordal implantation (NeoChord): For whom and when **A. Colli**
8. My best and worst TMVR case of the year. The single most important lesson learned **K. Spargias**

**16.00 - 16.30 Break**

**16.30 - 17.30 Joint Session**

**Special lectures**

Moderators: **P. Nihoyannopoulos, A. Pipilis**

Fake news VS fact: Echo imaging of the aortic valve **J. Kisslo**

Low risk TAVR. What the future holds **M. Reardon**



## PROGRAM / SATURDAY, MAY 19<sup>th</sup> 2018

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### 17.30 - 19.30 **Joint Session of the HCS Working Groups: Interventional Cardiology, Cardiothoracic Surgery and Cardiac Valve Disease**

#### **TAVR: Clinical efficacy and cost-effectiveness behind the explosion**

Moderators: **A. Dagne, G. Hahalis, J. Kanakakis, L. Michalis, S. Prapas, K. Triantafyllou**

1. TAVR 2018: The Landscape of Greek and Worldwide Usage **C. Kotoulas**
2. TAVR 2018: Are the Guidelines keeping pace with evidence generation and clinical practice? **G. Pavlides**
3. TAVR 2018: TAVR has high clinical efficacy according to baseline patient risk!
  - i. Pro **P. Dardas**
  - ii. Con **D. Angouras**
  - iii. A real-world case example **E. Skalidis**
4. TAVR 2018: Cost-effective according to baseline patient risk!
  - i. Pro **K. Spargias**
  - ii. Con **A. Manolis**
  - iii. A real-world case example **M. Drakopoulou**
5. The relationship between TAVR procedure volumes and clinical outcomes and the rationale and need for a tiered national system of valve centers  
**G. Pattakos**

### 19.30 - 20.30 **Special Lectures**

Moderators: **D. Alexopoulos, P. Vardas**

1. The spectrum of bioprosthetic valve leaflet thrombosis from subclinical to clinical: incidence and clinical outcomes **D. Dvir**
2. The latest in TAVR adjunctive pharmacotherapy: The current standards and the case for routine vs. selective anticoagulant therapy **G. Dangas**

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## GENERAL INFO

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### CERTIFICATE OF ATTENDANCE

The certificate is marked with 16 CME/CPD credits of continuous medical education from UEMS. The certificates will be send via email. Satellite symposiums are not included.

### LIVE WEBCAST - VIDEO ON DEMAND

The conference will be live broadcasted via [www.livemedia.gr](http://www.livemedia.gr). Videos on demand will be available after the conference.

### PRESENTATIONS

Computers and slide projectors will be available for presentations. Speakers are kindly requested to give their presentation to the AV reception at least two (2) hours before the presentation.

### PROFESSIONAL CONGRESS ORGANIZER

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- Reliable durability, with benefits sustained for up to 5 years<sup>3,4\*</sup>

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**References:** 1. Sorajja P, Kar S, Stebbins A, et al. Outcomes of the initial experience with commercial transcatheter mitral valve repair in the U.S.: A report from the STS/ACC TVT Registry. Paper presented at: ACC, March 15, 2015; San Diego, CA. 2. Feldman T, Glöwer D. EVEREST II REALISM – A continued access study to evaluate the safety and effectiveness of the MitraClip® device: analysis of results through 1 year. Paper presented at: ACC, March 15, 2015; San Diego, CA. 3. Feldman T. Final results of the EVEREST II randomized controlled trial of percutaneous

and surgical reduction of mitral regurgitation. Paper presented at: ACC, March 2014; Washington, DC. 4. Kar S. Effectiveness of transcatheter reduction of significant mitral regurgitation in high surgical risk patients with MitraClips: final 5 year results of the EVEREST II High Risk Registry. Paper presented at: ACC, March 2014; Washington, DC.

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# Coronary Product Portfolio



## Drug Eluting Stents

- Xience Pro



## Hi-Torque Guide Wires

- HT BMW
- HT CROSSIT
- HT PILOT
- HT WHISPER



## Vessel Closure

- Perclose ProGlide
- Prostar XL
- StarClose SE



## Balloon Dilatation Catheters

- NC TREK RX
- SC TREK RX



## Bare Metal Stents

- GRAFTMASTER
- MULTI-LINK 8

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