The Heart Team Course - focus on transcatheter therapies for valvular heart disease

17-19 November 2019
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e-Posters Catalogue
Valid as of 29 January 2020

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E-posters
Session comprising selected PCR London Valves 2019 submissions

- 30-day outcomes from a early feasibility study to assess the safety and effectiveness of a novel transfemoral TAVR system for the treatment of patients with symptomatic severe aortic regurgitation
  S. Baldus

- A case of annulus rupture during TAVI
  H. Sato

- A case of post-TAVR cardiovascular collapse
  V. Kumar

- A novel "directional" technique for percutaneous mitral balloon valvuloplasty
  C. Aurigemma

- Acute bioprosthesis valve thrombosis - Inappropriate anticoagulation
  S. Arockiam

- Acute kidney injury following transcatheter or surgical AVR in patients with normal kidney function
  N. Moriyama

- Additional expansion of CoreValve Evolut R after deployment
  S. Kagawa

- An asymptomatic VSD after TAVR
  R. Annunziata

- An unusual Q mystery of valve-in-valve TAVI
  K. Orvin

- Assessment of calcium burden on aortic valve apparatus in patients undergoing TAVI and its correlation to peri-procedural events: the CUSps, Annulus and Left ventricular outflow tract calcium score (CUSPAL score)
  A. Sorropago (pending confirmation)

- Association between tilting of heart valve prosthesis and a new-onset conduction disturbance in TAVI
  Y. Matsuo

- Autopsy after TAVR in bicuspid aortic valve stenosis: anatomical assessment of aortic-valvar complex with valve prosthesis
  T. Tanaka

- Characteristics and outcomes of very old patients who underwent TAVI: experience of a tertiary centre
  M. Martins De Carvalho

- Classification of aortic valve morphology using a three-dimensional convolutional neural network
  C. Dowling

- Clinical and procedural outcomes in TAVI for bicuspid vs. tricuspid aortic valve stenosis
  M. Ansari

- Complicated TAVR: implantation of two valves
  A. Sidorenko (pending confirmation)

- Coronary angiography and PCI post implantation of a transcatheter aortic valve
  N. Perrin

- Coronary protection leading to complicated TAVR in 38-year-old patient
  V. Kumar

- Cost-effectiveness of TAVI in patients at high surgical risk in the Belgian healthcare system - An exploratory analysis using contemporary data
  M. Reardon

- Dealing with the invisible: a valve-in-valve case with Portico
  A. Sole

- Delayed pacemaker implantation and changing of pacing rate after TAVI
  K. Shishido

- Design of a self-expanding, repositionable aortic valve implanted in a personalised way with TAVI
  P. Chodör

- Disastrous right coronary artery occluded post TAVI
  G. Tong

- Does orienting SAPIEN 3 during crimping in TAVI affects final orientation to coronaries to impact TAV-in-TAV and coronary re-access? A pilot study
  X. Wang

- Early bioprosthesis valve degeneration in a patient who previously underwent ECMO-assisted emergent transcatheter aortic valve-in-valve implantation
  C.F. Gochuico

- Early valve degeneration in a patient who previously underwent TAVI for radiation-induced valvulopathy
  C.F. Gochuico

- Edge-to-edge percutaneous mitral repair for functional ischaemic and non-ischaemic mitral regurgitation: a systematic review and meta-analysis
  M. Chiarito (pending confirmation)

- Epicardial pacing wire in tricuspid valve disease: an important provision for the future
  M. Chrissoheris

- Estimation of myocardial extracellular volume fraction with cardiac CT in patients undergoing TAVI
  Y. Talmon-Barkan
E-posters
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Evaluation of effectiveness and safety of percutaneous mitral valve repair under moderate conscious sedation
S. Okutucu

Evolution of length of stay in TAVI patients in the United States, Germany, and the United Kingdom in the period 2013-2017: country-specific observations and implications for health-economic analysis
M. Reardon

Failure of chimney stenting leading to retrieval of self-expandable valve as a last resort to relieve coronary obstruction during valve-in-valve TAVI
C. Dospinescu

FFR and iFR discordance in patients with severe aortic valve stenosis
F. Yamanaka

First percutaneous transaxillary implantation of a Portico valve prosthesis
L. Krivoshei

First-in-man TAVI with the new Vienna valve
D. Gaia

Failure of chimney stenting leading to retrieval of self-expandable valve as a last resort to relieve coronary obstruction during valve-in-valve TAVI
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First-in-man TAVI with the new Vienna valve
D. Gaia

Five-year outcomes of a patient with severe bicuspid aortic stenosis and ascending aortic aneurysm after TAVI
X. Li

Four important predictors of left bundle branch block occurrence post TAVI
I. Kosmas

Frailty assessed by Barthel index influenced outcomes after TAVI
M. El Garhy

Haemodynamic performance of the self-expanding Evolut Pro in comparison to the balloon-expandable SAPIEN 3
M. Mohemed

Haemodynamic valve dysfunction following TAVI with latest-generation balloon-expandable valves: prevalence and predictors of elevated transvalvular gradients
T. Rheude

How to deal with haemolysis after mitral paravalvular leak closure?
C. Moldovan

I have a high bleeding risk: put me one more device
Aparisi Sanz

Immediate and long-term follow-up results of balloon aortic valvuloplasty in congenital bicuspid aortic valve stenosis among young patients
A. Ananthakrishna Pillai

Impact of post-dilatation irrespective of the degree of residual paravalvular leakage following balloon-expandable TAVI
T. Kawaguchi

Impact of the learning curve on Portico procedural outcomes
R. Roberts-Thomson

Implantation of the Medtronic Evolut valve range in the annular plane rather than the device plane is associated with a low permanent pacemaker rate
D.G.W. Fraser

In-stent restenosis management in post-TAVI patient: the emerging difficulty
M. Walczewski

Incidence and predictors of iatrogenic atrial septal defects following the MitraClip procedure: a systematic review and meta-analysis
A. Davies

India's first case of a high radial force self-expanding repositionable Venus A-valve TAVI in a patient with previous MVR
R. Anantharaman

Invasive vs. echocardiographic transvalvular gradients in balloon-expandable and self-expanding valves post TAVR for severe native aortic stenosis
A. Abbas

Large post-MI VSD closure: finding the "right" access door
R. Nerla

Left circumflex coronary shift before and after transcatheter mitral direct annuloplasty implantation: time for a rethink?
A. Pozzoli

Let's try to make it simple
V. Rubimbura

Life beyond five years after TAVI: exploring patients' perceived health status and long-term outcome after TAVI
M.I. Murray

Long-term haemodynamic outcome and durability after TAVI from a single high-volume centre
M.I. Murray

Long-term outcome in high-risk patients with failing stentless surgical aortic valves undergoing valve-in-valve TAVI
A. Duncan

Management of embolisation of a self-expanding valve in the aorta
C. Efthychiou

Medical vs. TAVI patients in the management of severe aortic stenosis - Baseline characteristics and the importance of frailty
S. Ashokkumar

MitraClip for severe mitral regurgitation from chordal rupture during balloon aortic valvuloplasty for severe paravalvular leak post TAVI: a cautionary tale
U. Undemir
MitraClip therapy in liver transplantation candidate
I. Ates (pending confirmation)

Mitral clip implantation in degenerative mitral valve - One, two or three clips?
C. Moldovan

Mitral clip procedure - The plot twists
H. Väkninassa


Novel ischaemic mitral regurgitation model and its anatomical relevance for device testing

Novel predictors of new permanent pacemaker implantation after Evolut TAVI
S. Zaid

ON-X registry - Preliminary results on mechanical AVR and target INR 1.5 - 2.0
J. Lichtenegger

One size does not fit all
V. Rubimburra

One-year outcome of patients with moderate to severe functional mitral regurgitation and advanced heart disease following TMVR with MitraClip system
M. Mussardo

One-year outcomes of a novel transcatheter heart valve to treat degenerated surgical valves - The VIVALL multicentre, single-arm, pilot study
U. Schäfer

Pacemaker dependency after implantation of SAPIEN 3 and Evolut Pro transaortic heart valve
M. Potratz

Percutaneous approach for a complex high surgical risk patient
F. Fumero

Percutaneous direct annuloplasty in isolated tricuspid regurgitation
M. Winkel

Percutaneous dual transcatheter valve treatment for severe aortic and mitral regurgitation in cardiogenic shock
P.A. Pagnotta

Percutaneous edge-to-edge repair for the treatment of acute decompensated severe mitral regurgitation: a single-centre experience
L. Connolly

Percutaneous pulmonary valve implantation with polycarbonate-urethane valved nitinol stents in an ovine model: one- and six-month follow-up
A. Topal

Percutaneous repair of systemic atroventricular valve regurgitation with the MitraClip system in congenitally corrected transposition of great arteries
Y. Nakajima

Performance of full coverage cerebral embolic protection device designed with dynamic, double-edge sealing for use in TAVR in a cadaver model
M. Reardon

Permanent pacemaker implantation in patients undergoing TAVI - A single-centre experience
M. Martins De Carvalho

Post-TAVI PCI for inferior infarction, the challenge
A.A. Ashraf Eissa

Presentation and management of aortic stenosis patients differs across Germany, France and the United Kingdom - The IMPULSE registries
M. Lutz

Preventative chimney stenting during valve-in-valve TAVI for degenerated Mitroflow bioprostheses: 12-month clinical follow-up
R. Nerla

Prognostic significance of NT-ProBNP decrease after TAVI
D. Adamopoulos

Prospective application of a novel supra-annular sizing assessment of bicuspid aortic valve disease in TAVR
G. Iannopollo

QRS duration predicts who will benefit from TMVR
A. Sugiyura

Quantifying mitral annular calcification for patient-predictive modelling in the era of transcatheter mitral valve therapies
S. Alexis

REACT TAVI: subanalysis of platelet reactivity after TAVI according to valve type
B. Trejo Velasco

Redo TAVR for the treatment of aortic valve prosthesis degeneration
A. Chalapas

Results of the Frontier IV study with the PerQseal fully absorbable patch based large hole vascular closure device
T. Schmitz

Risk factors for closure failure following percutaneous transfemoral TAVI
Y.G. Ko (pending confirmation)

Rotational atherectomy after TAVI: challenges for a complete treatment
M. Pighi
E-posters
Session comprising selected PCR London Valves 2019 submissions

- Safety, feasibility and acute performance of the Leaflex Performer when used pre-TAVI in aortic stenosis patients - The Leaflex Performer feasibility study
  D. Mylotte

- Sequential C-reactive protein and white blood cell assessment following TAVI from a single-centre prospective cohort
  S. Noble

- Severe bicuspid aortic stenosis in extremely horizontal aorta: tips and tricks
  P. Dardas

- Severe, massive, and torrential tricuspid regurgitation: incidence, current management and outcomes
  Aparisi Sanz

- Should we be clipping failed mitral valve repairs?
  A. Sala (pending confirmation)

- Significant mitral regurgitation as a prognostic marker in TAVI
  M. Martins De Carvalho

- Simplifying transfemoral ACURATE neo implantation using the TrueFlow non-occlusive balloon catheter
  S. Toggweiler

- Simultaneous transeptal mitral valve-in-valve and transbypass AVR using a balloon-expandable valve in a patient with previous ilio-bifemoral bypass and endovascular aortic repair
  H.A. Alvarez Covarrubias

- Single-centre first experience with transapical TMVR: screening and outcomes
  G. Dahlí

- Snaring victory from the jaws of defeat: coronary occlusion secondary to valve embolisation
  V. Khanna

- Sometimes little things make TAVI easier!
  P. Lauten

- Stormy TAVR: haemodynamic support and acute aortic regurgitation crash leading
  V. Kumar

- Subacute thrombosis of a mitral valve-in-ring bioprosthesis
  M. Christoscheris

- Supra-annular sizing of TAVR prosthesis in bicuspid aortic valve disease according to a novel supra-annular plane: the Level of Implantation at the RAphé (LIRA) plane
  G. Iannopollo

- TAVI for small degenerated aortic valves: what to consider “optimal” result?
  P.A. Pagnotta

- TAVI in bicuspid aortic valve: snare to solve a prosthesis pop-up
  C. Aurigemma

- TAVI valve-in-valve with Portico and double chimney technique
  A. Sorropago (pending confirmation)

- TAVI valve-in-valve with Portico: snare to centre
  A. Sole

- TAVI without the use of contrast medium - An alternative implantation technique
  M. El Garhy

- TAVI-valve embolisation
  D. Chadha

- TAVI: be prepared to snare
  A. Sorropago (pending confirmation)

- TAVR and thoracic aneurysm endovascular repair simultaneously in a high-risk patient
  E. Saadí

- TAVR in bicuspid aortic valve with low coronary ostia - A daymare to start with, but is it really?
  R. Kapoor

- TAVR in low coronary ostia height - A boon or doom?
  R. Kapoor

- TAVR in patients with low surgical risk - A meta-analysis of randomised data
  S. Zaid

- TAVR in patients with paradoxical low-flow, low-gradient aortic stenosis
  W.X. Zhou

- TAVR with cerebral protection
  R. Rao

- TAVR with cerebral protection in bicuspid case with thrombus/clot at leaflets
  V. Kumar

- The bionic man: a complex case of valve-in-valve TAVR
  D. Fischetti

- The decompensated patient with aortic stenosis: time for primary TAVI?
  P. Dardas

- The effect of permanent pacemaker implantation following TAVR upon survival
  G. Oikonomou (pending confirmation)

- The effect of pre-procedural significant mitral regurgitation upon mortality after TAVI
  M. Drakopoulou
E-posters
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- The impact of atrial functional mitral regurgitation and functional tricuspid regurgitation with atrial fibrillation
  N. Nomura
- The long-term impact of persistent pulmonary hypertension in patients undergoing TAVR with newer generation valves
  S. Soulaidopoulos
- The Portuguese national registry of TAVI - Early and long-term results
  C. Guerreiro
- The role of biomarkers as a prognostic indicator in post-TAVI outcomes
  M. Martins De Carvalho
- The St Jude prosthesis - An outdated gold standard for mechanical valve replacement?
  M. Reichl
- The trap of aortic arch
  J. Wei (pending confirmation)
- The ultimate TAVI: zero-contrast pre-operative evaluation, true zero-contrast TAVI
  H. Ahmad
- Thrombotic and haemorrhagic outcomes after TAVI with different anti-thrombotic strategies: a retrospective study of a tertiary centre procedural experience
  M. Martins De Carvalho
- Transapical NeoChord mitral valve repair; the first Greek experience
  V. Lozos
- Transcatheter aortic valve-in-valve replacement in an under-expanded sutureless biologic prosthesis
  X. Armario
- Transcatheter mitral repair according to the mitral aetiology: real-life data from the Spanish MitraClip registry
  I. Pascual
- Transcatheter vs. surgical AVR in rheumatic aortic valve disease - A nationwide analysis
  S. Zaid
- Use of two-dimensional ultrasonography-guided access for TAVR to reduce vascular complications
  E. Nicolini
- Validation of the Toronto Aortic Stenosis Quality of Life Questionnaire (TASQ) in patients undergoing surgical or TAVI in a European multicentre study
  D. Frank
- Valve-in-valve and paravalvular leak closure for surgical aortic bioprosthesis failure
  Y. Feng
- Valve-in-valve in a low left main and right coronary artery ostium - Prevention is better than cure
  E. Lassnig
- Valve-in-valve off-label use of Evolut R in Trifecta 19 mm
  S. Scherzer
  T.Y. Xiong (pending confirmation)
- What a nightmare it can be if it is bicuspid - Learning
  V. Kumar
- When a door closes, a windows opens
  Aparisi Sanz
- Why did we treat mild mitral regurgitation?
  H. Takiguchi