



24-26 November 2024 London

e-Posters Catalogue

Valid as of 27 November 2024



- › Quantitative angiography of aortic regurgitation in bicuspid vs. tricuspid ACURATE neo2 cohorts
E. Hasabo
- › The role of multidisciplinary heart team meeting and its secondary cardiovascular risk prevention
K. K. K. Kyaw
- › Initial Argentinian experience with a novel balloon-expandable valve with intermediate and XL sizes
J. P. De Brahi
- › The impact of CTOs in outcomes after TAVI
N. Pyrpyris
- › Percutaneous treatment of AAA and aortic valve stenosis with "staged" EVAR & TAVR: a case series
A. Marrone
- › AI-assisted clinical decision - Making in interventional cardiology
I. Edward
- › The prognostic implications of change in left ventricular end diastolic pressure during TAVI
N. Ali
- › Pure plug-based and primary suture-based vascular closure device strategy for transaxillary TAVI
P. Lauten
- › Beyond age barriers: comparing non-transfemoral TAVI outcomes in nonagenarians vs. younger patients
A. Muinelo-Paúl
- › Contrast-zero transcatheter aortic valve implantation vs standard practice: clinical outcomes
F. Castriota
- › Outcomes of transcatheter aortic valve replacement for acute decompensated aortic stenosis
D. T. Gutierrez Guadarrama
- › Results of patient experience with a new specific evaluation for TAVI process: VALVEX questionnaire
M. Gonzalez Cebrian
- › Transcatheter axial pump as a bridge to TAVI in severe aortic stenosis with cardiogenic shock
S. Noble
- › The usefulness of the gold marker position at the initial valve deployment in TAVR with Evolut FX
Y. Fuku
- › The clinical impact of the small annulus after TAVI specifically for women
J. Iwata
- › Incidence and factors associated with pop-up during Navitor valve implantation
K. Sakamoto
- › Left ventricular remodeling after transapical JenaValve in aortic regurgitation: 10-year outcomes from China pivotal study
D. Hou
- › Fibrotic vs. calcific aortic stenosis: characteristics and outcomes in patients undergoing TAVI
A. Maznyczka
- › Smart trial in action: post-TAVI outcomes with BEV vs. SEV in patients with small aortic annulus
O. Elkhateeb
- › Long-term pacing dependence of TAVI patients requiring peri-procedural pacemaker
M. Aetesam-Ur-Rahman
- › Clinical impact of the LIRA method in bicuspid aortic valve patients undergoing TAVR
B. Bellini
- › Feasibility of redo TAVI in bicuspid anatomy evaluated by in vivo CT
A. Beneduce
- › Early haemodynamic and clinical performance of a new balloon-expandable transcatheter heart valve
I. Breitenbach
- › Assessing combined invasive and non-invasive grading of paravalvular leak after TAVI
T. Storozhenko
- › Associations between life's essential eight and prognosis among patients after TAVI
W. Ni
- › When size matters - A comparison between transcatheter and surgical AVR sizes
M. Ljusaj
- › Valve-in-valve transcatheter vs. redo surgery for failing bioprosthetic aortic valves
N. Pyrpyris

- › Next day discharge after TAVR in an all-comer nonagenarian population
J. Cotton
- › Left ventricular contractility in TAVI for low-flow low-gradients
J. Cotton
- › Prognostic relevance of concomitant mitral and tricuspid regurgitation in an Irish TAVI population
A. Pollock
- › Clinical outcomes in atrial fibrillation patients undergoing TAVR with contemporary devices
S. Mengi
- › Structural myocardial reverse remodeling and clinical outcomes after TAVR at end-stages of Généreux
R. Esparza Corona
- › Role of aortic root anatomy in procedural outcomes after TAVR with the Navitor system
F. Arturi
- › Early mobilisation after transfemoral TAVR
T. M. Larsen
- › Feasibility and safety of a strategy of indication and duration of electrocardiogram monitoring after TAVR
A. Fournier
- › A report of the first 10 TAVI cases with Hydra valve in the United Kingdom
J. Iqbal
- › Balloon aortic valvuloplasty prior to self-expanding TAVI: the BAVSE-TAVI registry
M. Farag
- › Prediction of permanent pacemaker implantation after TAVI: the RITMO score
C. Vitale
- › A comparison of outcomes between nurse-led sedation and general anesthesia for TAVR
K. Su Jin
- › Transcatheter valve-in-valve implantation with Portico or Navitor: the Barts Heart Centre experience
V. Tufaro
- › Predictors for new onset high-grade AV block necessitating pacemaker implantation after TAVI
A. El Amrawy
- › PPM: subgroup analysis of the cohort of SAA patients in a single-centre registry
A. Centola (Pending confirmation)
- › Patient centred care of the morbidly obese severe aortic stenosis patient: outcomes of TAVI vs. surgical AVR
A. Ghattas
- › Gender disparities in long-term prognosis following TAVI: a five-year follow-up
A. Apostolos
- › Comparison between CT and echocardiographic calculation of aortic valve area in the TAVI population
S. Nandakumar
- › Inflammatory biomarkers predict prognosis in patients after TAVI
L. Vitez
- › Experience using brachiocephalic TAVI access as an alternative option: a two-centre series
H. Muradagha
- › Aortic root assessment and oriented reference for TAVR in Pakistan registry
A. Hakeem
- › Bicuspid vs. tricuspid TAVI - A retrospective 10-year single-centre cohort study
J. Dargan
- › Minimalistic strategy for secondary access in TAVR reduces peripheral vascular complications
M. Geyer
- › PCI before or after TAVR
R. Caminiti (Pending confirmation)
- › TAVI outcomes of a novel balloon expandable vs. an intra-annular self-expanding aortic valve
M. Bunc
- › ECMO lowers risk in aortic stenosis patients with severe CAD and LV dysfunction undergoing concomitant PCI/TAVR
W. H. Yin
- › SGLT2-Inhibitors in patients with severe aortic stenosis and cardiac damage undergoing TAVI
P. Paolisso

- › Safety and performance of Hydra self-expanding THV: six-month outcomes from the GENESIS-II study
A. Sonawane
- › Novel balloon expandable aortic valve for valve-in-valve TAVI: a single-centre experience
M. Bunc
- › Repeatability of transcatheter aortic valve procedures: CT insights in bicuspid vs. tricuspid valves
W. Shamkhani
- › Automated deep learning CT cardiac segmentation to predict new onset atrial fibrillation at one-year after TAVI
- › Transfusion rate in patients undergoing TAVI
M. Rajendran
- › Outcomes of TAVI in Qatar, QATAVI registry
A. Alnabti
- › Feasibility of self-expanding TAVI without balloon aortic valvuloplasty
H. Suzuyama
- › Conduction disturbances after TAVI in relation to membranous septum and valve implantation depth
J. Hasan
- › Predictors of readmissions for heart failure in patients undergoing aortic valve replacement
F. Castro
- › Myval: my choice of valve in patients undergoing TAVI - A systematic review and meta-analysis
M. Chopra
- › Post-procedural platelet count drop after surgical and transcatheter bioprosthesis implantation
A. Olasinska-Wisniewska
- › Intravascular ultrasound to assess coronary obstruction during TAVR
A. R. Manca
- › Impact of aortic valve calcification score on cardiovascular outcomes: phenotype matters ?
H. Mendez Sanchez
- › TAVI in Algeria: first steps and challenges
A. Azzouz
- › ACURATE NEO 2TM platform in treating rheumatic severe aortic stenosis: a single center experience
D. Kamal
- › Procedural analysis and long-term follow-up in transapical TAVI patients: a single-centre experience
I. Lianos
- › A single-centre comparative study of plug-based vs. suture-based vascular closure devices in TAVR
K. Elsayed
- › Balloon postdilatation of valve-in-valve TAVI prosthesis in non crackable surgical AVR valves
A. Ghattas
- › Association of epicardial and visceral adipose tissue and left ventricular remodeling after TAVI
T. Storozhenko
- › Outcomes after intra-annular self-expandable TAVI: baseline conduction and new pacemaker implants
K. Chatterjee
- › Same-day and early discharge in elective TAVI cases: changing practice in the UK
J. Dixon
- › Comparison of a self-expandable and a novel balloon expandable device at long-term
I. J. Amat-Santos
- › Integrating complex PCI and TAVI for patients with aortic stenosis and calcified coronary lesions
W. H. Yin
- › Comparison of catheter-based and echo-based aortic valve gradients in severe aortic stenosis
O. Aldalati
- › Allegra valve implantation in bicuspid anatomy using the level of implantation at the Raphe method
E. Colucci
- › Prognostic analysis of strain parameters in patients undergoing TAVI
S. R. Lee
- › The TAVI integrated care patient pathway: the Maltese experience
C. Grima

- › TAVR after prior mitral valve surgery : single-centre experience
M. Misterski
- › Valve-in-valve treatment follow-up in two centres registry
H. Muradagha
- › Incidence of high-grade atrioventricular block after TAVI in bicuspid aortic valves: predictable scenario ?
H. Mendez Sanchez
- › Peri-procedural complications after percutaneous aortic implantation according to prosthesis type
F. Castro
- › Managing high coronary obstruction risk during TAVR: a case series analysis of effective strategies
Y. T. Lee
- › Free-contrast TAVI using coronary guidewires in patients with severe renal impairment
I. Tustiu
- › Physiological stimulation after TAVI
A. T. Ariza Mosquera
- › Direct left ventricle guidewire pacing during TAVI : real-life analysis
- › Baseline renal function is associated with the long-term survival of TAVI patients
E. Vavouranakis
- › Propensity-matched comparison of percutaneous vs. surgical access for transfemoral TAVR
G. Papadopoulos
- › Predictors of one-year mortality after TAVI
A. El Amrawy
- › Survival outcome of elderly patients above 85 years of age undergoing TAVI with 3 years follow up
A. Algethami
- › Effectiveness of cerebral protection devices in reducing embolic events during self-expanding TAVR
Y. T. Lee
- › Self-expanding intra-annular transcatheter aortic valve haemodynamics in patients with small annuli
M. Bunc
- › Interest of snare catheter technique in complex TAVI procedures
G. Souteyrand
- › Clinical experience with ACURATE Prime XL
R. Makkar
- › Myval vs. Evolut and SAPIEN series: quantitative angiography from LANDMARK trial
O. Soliman
- › 10-year prognostic impact of mitral regurgitation severity and response to TAVR
A. Sticchi
- › Four-year durability of a novel balloon expandable TAVI system
I. J. Amat-Santos
- › Relative effects of transcatheter aortic valve implant prosthesis: a network meta-analysis
P. Lamelas (Pending confirmation)
- › Predictors of new permanent pacemaker implantation within the LANDMARK trial
P. Smits
- › One-year results of a pre-mounted ready-to-use balloon expandable aortic dry valve
T. Hovasse
- › A simple index to identify patients at risk of suboptimal forward-flow hemodynamics after TAVI
P. P. Leone
- › Early valve-in-valve experience with a self-expandable intra-annular transcatheter heart valve
A. Öner (Pending confirmation)
- › Is AI the game-changer for TAVI mortality risk prediction in women?
W. Davalan
- › TAVI in patients with aortic regurgitation using a novel classification
G. Y. Song (Pending confirmation)
- › Feasibility, safety and clinical impact of a LITE technique for transfemoral TAVI
F. Burzotta

E-Poster - TAVI

POSTER LAB
Level 1

Session comprising selected PCR London Valves 2024 Abstracts submissions

- › Long-term results from the International Chimney Registry
D. Mylotte

E-Poster - Mitral valve replacement and repair

POSTER LAB
Level 1

Session comprising selected PCR London Valves 2024 Abstracts submissions

- › Anterior mitral leaflet closure supports left ventricular function in bioprosthetic valve insertion
A. Mitra
- › Outcomes of mitral valve regurgitation management after multidisciplinary valve team evaluation
M. Welman
- › Atrial fixation TMVR system for the treatment of atrial functional mitral regurgitation
V. Ninios
- › Surgical vs. transcatheter mitral valve repair in patients with primary mitral regurgitation
P. Ackermann
- › Intraprocedural 3D mitral valve area impact on valve gradient in edge-to-edge repair
A. Sisinni
- › Predictability of post-delivery mitral regurgitation with a new generation TEER device
K. Hellhammer
- › Acute changes in mitral annular geometry after TEER with Pascal device
P. Kourkovi
- › 3D mitral valve geometry in TEER patients with primary and secondary mitral regurgitation
H. Abdelgawad
- › Transcatheter transseptal mitral valve-in-valve replacement for mitral valve bioprosthesis failure
B. Canavan
- › Transoesophageal vs. transthoracic echocardiography guidance for mitral valve-in-valve procedures
T. Alzahrani (Pending confirmation)
- › Single TriClip guide use in combined MitraClip and TriClip transcatheter edge-to-edge repair
G. Papadopoulos
- › Restenosis after percutaneous mitral balloon commissurotomy: large single-centre experience
R. A. Meneguz-Moreno
- › Transcatheter edge-to-edge mitral repair at centre without onsite cardiac surgery department
L. R. Carmen
- › Total endoscopic minimal invasive approach is safe redo approach for mitral valve surgery
A. Ghazy
- › Safety and efficacy in mitral regurgitation management with the MitraClip G4 system
G. Papadopoulos
- › Sex-specific outcomes of TEER for degenerative mitral regurgitation
M. Szerlip
- › GeminiOne TEER technology & early clinical experiences
S. Kar

E-Poster - Other valvular and structural interventions

POSTER LAB
Level 1

Session comprising selected PCR London Valves 2024 Abstracts submissions

- › Post-mitral transcatheter repair ventricular dysfunction reduces heart failure hospitalisation
J. H. Chang
- › A promising polyphenol-based technology for the third generation of polymer heart valves
I. George
- › Patent foramen ovale closure in patients over vs. under 60 years old: a meta-analysis
K. Dimitriadis
- › Patent foramen ovale closure vs. medical therapy in patients over 60 years old
K. Dimitriadis
- › The role of inflammation in migraine patients undergoing patent foramen ovale percutaneous closure
K. Dimitriadis

E-Poster - Other valvular and structural interventions

POSTER LAB
Level 1

Session comprising selected PCR London Valves 2024 Abstracts submissions

- › Assessment of platelet activity in patients undergoing patent foramen ovale closure
K. Dimitriadis
- › Meta-analysis on gut microbiota-derived metabolites as biomarkers for valvular heart disease progression
A. Q. M. Alhatemi
- › Diastolic stress test using six-minute walk test in asymptomatic patients with aortic stenosis
R. Oda
- › Accuracy of two different softwares for sizing LAA closure devices
I. J. Amat-Santos
- › Predicting aortic stenosis progression: a machine learning approach using echocardiographic data
I. Edward

E-Poster - Tricuspid / Pulmonary valve

POSTER LAB
Level 1

Session comprising selected PCR London Valves 2024 Abstracts submissions

- › Real-world experience in TTVR
J. C. Echarte Morales
- › Rapid learning curve to TTVR with a dedicated device - A single-centre experience
R. Estevez-Loureiro
- › Ventricular and atrial assessment in pulmonary stenosis before valvuloplasty: prospective cardiovascular magnetic resonance study
H. Elzomor
- › TEER for inoperable patients with severe tricuspid regurgitation
C. Rivadulla
- › Short-term outcomes after transfemoral TTVR
K. Stathogiannis
- › Prevalence of atrial functional in severe tricuspid regurgitation among other reasons: Saudi Arabia
A. Algethami
- › Tricuspid edge-to-edge repair in left ventricular dysfunction: from EuroTR registry
M. Kitamura
- › TRISCEND II: 1-year quality of life outcomes after transcatheter tricuspid valve replacement
S. Arnold
- › Early US feasibility study experience with a novel tricuspid coaptation valve system - TANDEM II Study
G. Kenny