

ISSUE @ A GLANCE

-  **TAVI: from an experimental procedure to standard of care** **2605**
T.F. Lüscher

CardioPulse

- ESC CardioMed** **2609**
A. Tofield
- A first dedicated Heart Valve Unit** **2612**
T. Münzel, T. Jansen, E. Schulz, and R.S. von Bardeleben
- Acute Cardiovascular Disease Congress** **2614**
S. Price
- Final Farewell to Alberto Zanchetti MD** **2616**
S.E. Kjeldsen, K. Narkiewicz, M. Burnier, and S. Oparil

CLINICAL REVIEWS

- Clinical update**
- Calcific aortic valve stenosis: hard disease in the heart. A biomolecular approach towards diagnosis and treatment** **2618**
F.E.C.M. Peeters, S.J.R. Meex, M.R. Dweck, E. Aikawa, H.J.G.M. Crijns, L.J. Schurges, and B.L.J.H. Ketselaer
- Transcatheter aortic valve implantation: current status and future perspectives** **2625**
T.J. Cahill, M. Chen, K. Hayashida, A. Latib, T. Modine, N. Piazza, S. Redwood, L. Søndergaard, and B.D. Prendergast

META-ANALYSIS

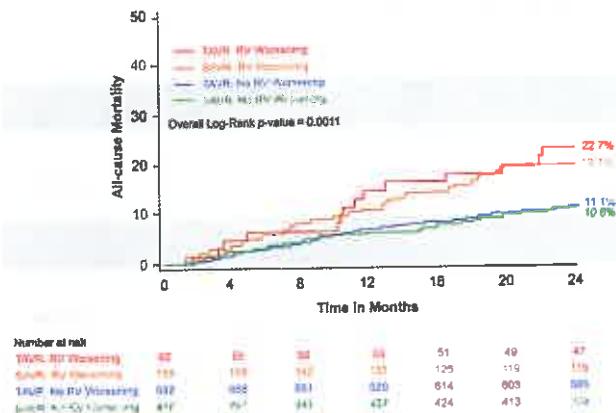
- Annual number of candidates for transcatheter aortic valve implantation per country: current estimates and future projections** **2635**
A.P. Durko, R.L. Osnabrugge, N.M. Van Mieghem, M. Milojevic, D. Mylotte, V.T. Nkomo, and A. Pieter Kappetein
- Editorial**
- Expansion of transcatheter aortic valve implantation: new indications and socio-economic considerations** **2643**
T. Pilgrim and S. Windecker

CLINICAL RESEARCH

- TAVI**
- Pressure gradient vs. flow relationships to characterize the physiology of a severely stenotic aortic valve before and after transcatheter valve implantation** **2646**
N.P. Johnson, J.M. Zelis, P.A.L. Tonino, P. Houthuizen, R.A. Bouwman, G.R.G. Brueren, D.T. Johnson, J.J. Koolen, H.H.M. Korsten, I.F. Wijnbergen, F.M. Zimmermann, R.L. Kirkeeide, N.H.J. Pijls, and K.L. Gould
- Editorial**
- Evaluating the severity of aortic stenosis: a re-look at our current 'gold standard' measurements** **2656**
Y.N.V. Reddy and R.A. Nishimura

FAST TRACK CLINICAL RESEARCH

TAVI



The incidence and prognostic implications of worsening right ventricular function after surgical or transcatheter aortic valve replacement: insights from PARTNER IIA

P.C. Cremer, Y. Zhang, M. Alu, L.L. Rodriguez, B.R. Lindman, A. Zajarias, R.T. Hahn, S. Lerakis, S.C. Malaisrie, P.S. Douglas, P. Pibarot, L.G. Svensson, M.B. Leon, and W.A. Jaber

2659

CLINICAL RESEARCH

Valvular heart disease

Incidence and factors associated with infective endocarditis in patients undergoing left-sided heart valve replacement

L. Østergaard, N. Valeur, N. Ihlemann, M.H. Smerup, H. Bundgaard, G. Gislason, C. Torp-Pedersen, N.E. Bruun, L. Køber, and E.L. Fosbøl

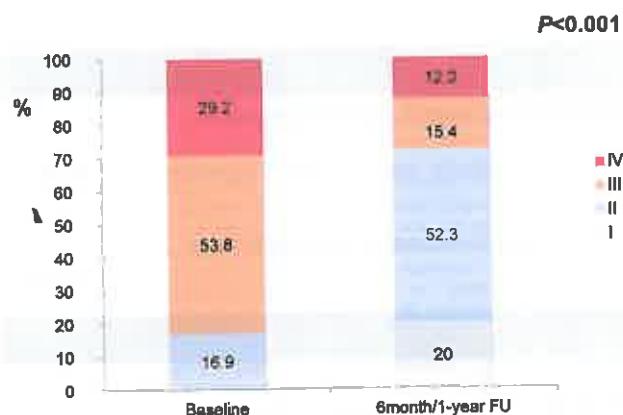
2668

Editorial

Risk of infective endocarditis after left-sided surgical valve replacement

T.J. Cahill and B.D. Prendergast

2676



Clinical and haemodynamic outcomes of balloon-expandable transcatheter mitral valve implantation: a 7-year experience
M. Urena, E. Brochet, M. Lecomte, C. Kerneis, J.L. Carrasco, W. Ghodbane, J. Abtan, S. Alkhoder, R. Raffoul, B. lung, P. Nataf, A. Vahanian, and D. Himbert

2679

CARDIOVASCULAR FLASHLIGHTS

Lithotripsy-assisted transfemoral aortic valve implantation

C. Di Mario, N. Chiriaci, M. Stolcova, F. Meucci, and G. Squillantini

2655

Possible early recoil phenomenon in a self-expandable transcatheter bioprosthesis compressed by a huge annular calcification

T. Kobayashi, M. Yamamoto, and S. Tsujimoto

2690



Open Access Paper



For the podcast associated with this article, please visit <https://academic.oup.com/eurheartj/pages/Podcasts>



Visit EHJ's mobile site

<https://academic.oup.com/eurheartj>



www.eurheartj.org