

European Heart Journal

Volume 44 No. 46 December 2023

ISSUE @ A GLANCE

-  Quality standards for artificial intelligence-based studies and clinical trials
F. Crea 4815

CardioPulse

- Actionable autophagy checkpoints in cardiovascular ageing
M. Abdellatif, L. Montégut, and G. Kroemer 4819
- Bioelectronics for neurocardiology: diagnosis and therapeutics
D.J. Paterson and K. Shivkumar; for the Bioelectronics for Neurocardiology Consortium 4822
- The ESC Working Group on Coronary Pathophysiology and Microcirculation
T. Padro, E. Cenko, and D. Tousoulis 4826

Weekly Journal Scan

- Moving a STEP forward in the treatment of patients with obesity and heart failure with preserved ejection fraction
G. Liuzzo and C. Patrono 4829

FOCUS ISSUE ON CLINICAL TRIALS

SPECIAL ARTICLE

-  Five critical quality criteria for artificial intelligence-based prediction models
F.S. van Royen, F.W. Asselbergs, F. Alfonso, P. Vardas, and M. van Smeden 4831

STATE OF THE ART REVIEW

- Endpoint adjudication in cardiovascular clinical trials
M.S. Khan, M.S. Usman, H.G.C. Van Spall, S.J. Greene, O. Baqal, G.M. Felker, D.L. Bhatt, J.L. Januzzi, and J. Butler 4835

CLINICAL RESEARCH

-  Intra-pocket ultrasound-guided axillary vein puncture vs. cephalic vein cutdown for cardiac electronic device implantation: the ACCESS trial
P. Charles, G. Ditac, M. Montoy, T. Thenard, P.-Y. Courand, P. Lantelme, B. Harbaoui, and S. Fareh 4847

Editorial

- Different techniques of venous access for CIEDs: advantages and disadvantages
M. Brignole and J.-C. Deharo 4859

Transfemoral tricuspid valve replacement and one-year outcomes: the TRISCEND study

- S. Kodali, R.T. Hahn, R. Makkar, M. Makar, C.J. Davidson, J.J. Puthumana, F. Zahr, S. Chadderton, N. Fam, G. Ong, P. Yadav, V. Thourani, M.A. Vannan, W.W. O'Neill, D.D. Wang, D. Tchétché, N. Dumonteil, L. Bonfils, L. Lepage, R. Smith, P.A. Grayburn, R.P. Sharma, C. Haeffele, V. Babaliaros, P.T. Gleason, S. Elmariah, I. Inglessis-Azuaje, J. Passeri, H.C. Herrmann, F.E. Silvestry, S. Lim, D. Fowler, J.G. Webb, R. Moss, T. Modine, S. Lafitte, A. Latib, E. Ho, Y. Goldberg, P. Shah, C. Nyman, J. Rodés-Cabau, E. Bédard, N. Brugge, A. Sannino, M.J. Mack, M.B. Leon, and S. Windecker; on behalf the TRISCEND study investigators 4862

Editorial

- From TriValve to TRILUMINATE to TRISCEND: what have we learned?
S.W. Bienstock and G.W. Stone 4874

Timing of exercise therapy when initiating adjuvant chemotherapy for breast cancer: a randomized trial

- J.M. Scott, J. Lee, J.E. Herndon, M.G. Michalski, C.P. Lee, K.A. O'Brien, J.P. Sasso, A.F. Yu, K.A. Rowed, J.F. Bromberg, T.A. Traina, A. Gucalp, R.A. Sanford, D. Gajria, S. Modi, E.A. Comen, G. D'Andrea, V.S. Blinder, N.D. Eves, J.M. Peppercorn, C.S. Moskowitz, C.T. Dang, and L.W. Jones 4878

Editorial

- Best timing for exercise in breast cancer patients initiating chemotherapy: what is the answer?
A. Abreu 4890

DISCUSSION FORUM

Revascularization for left main coronary artery disease

F. Alfonso, A. Marschall, and F. Rivero

4893

Observational studies are needed to complete the body of evidence for left main coronary artery disease revascularization strategies

J. Persson, T. Ivert, and E. Omerovic

4894

CARDIOVASCULAR FLASHLIGHT

Intravascular ultrasound for actual bioprosthetic heart valve expansion during transcatheter bicuspid aortic valve replacement

L. Kalińczuk, W. Skotarczak, L. Sondergaard, and G.S. Mintz

4895

One of the open ductus dissected during pregnancy

A.J. Koppelaar, A.J. Eggink, and J.M.I.H. Gho

4896



This paper is Editor's Choice and is available free online at <https://academic.oup.com/eurheartj>



Open Access Paper



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



www.eurheartj.org