

European Heart Journal

Volume 46 No. 33 September 2025

ISSUE @ A GLANCE



Focus on atherothrombosis mechanisms and ischaemic heart disease management 3235
F. Crea

CardioPulse

Stakeholder meeting report for ENHANCE CVH: a trial to improve maternal and child cardiovascular health in Nigeria 3239
C.N.O. Nartey, M.D. Huffman, and D.B. Ojji; on behalf of the ENHANCE CVH Study Team

Cardio Egypt 2025: report from the Egyptian Society of Cardiology 3242
M. Abdelhamid, G. Nasr, and N. Farag

REACT initiative: early cure of atherosclerosis through precision prevention 3244
B. Ibanez and H. Bundgaard

FOCUS ISSUE ON ISCHAEMIC HEART DISEASE AND VASCULAR BIOLOGY AND MEDICINE AND BRAIN HEALTH

STATE OF THE ART REVIEW

Ferroptosis in cardiovascular disease: regulatory mechanisms and therapeutic implications 3247
Y. Zhao, A. Linkermann, M. Takahashi, Q. Li, and X. Zhou

Distinct inflammatory pathways shape atherosclerosis in different vascular beds 3261
O. Soehnlein, E. Lutgens, and Y. Döring

CLINICAL RESEARCH

Optimal medical care and coronary flow capacity-guided myocardial revascularization vs usual care for chronic coronary artery disease: the CENTURY trial 3273
K.L. Gould, N.P. Johnson, A.E. Roby, R. Kirkeeide, M. Haynie, T. Nguyen, L. Bui, M.B. Patel, D. Kitkungvan, P. Mendoza, D. Lai, R. Li, S. Sdringola, D. McPherson, and J. Narula

Editorial
A CENTURY of progress: using physiology-based imaging to improve patient outcomes in chronic coronary artery disease 3287
M.F. Di Carli and R. Blankstein

Adverse pregnancy outcomes and long-term risk of stroke: a Swedish nationwide co-sibling study 3290
C. Crump, J. Sundquist, and K. Sundquist

Editorial
Early and multicomponent intervention after adverse pregnancy outcomes: an opportunity to win hearts and minds 3301
A.D. Lane

RAPID COMMUNICATIONS

Family history of aortic dissection in fibrillin-1 pathogenic variant 3304
M. Tchitchinadze, O. Milleron, L. Eliahou, S. Jadoui, N.O. Ouali, N. Hanna, P. Arnaud, J. Ropers, C. Boileau, L. Gouya, and G. Jondeau

DISCUSSION FORUM

Potential measures to enhance understanding of coffee-drinking timing and mortality 3307
G.-S. Li, H.-F. Zhou, and N. Yang

Assessment and characterization of circadian and temporal eating patterns for precision nutrition 3309
L. Qi

CARDIOVASCULAR FLASHLIGHTS

Acquired von Willebrand syndrome caused by paravalvular prosthetic mitral regurgitation
E. Ishikawa and S. Kageyama **3311**

Giant ascending aortic aneurysm in a 6-year-old boy with LOX gene mutation associated with familial thoracic aortic aneurysm type 10
W.-L. Yang and B.-Y. Hu **3312**

WEEKLY JOURNAL SCAN

Weekly Journal Scan: A global observational study shows how modifying five cardiovascular risk factors at midlife may affect lifespan and healthspan
D. Pedicino and M. Volpe **3313**

CORRECTION

Correction to: Optimal medical care and coronary flow capacity-guided myocardial revascularization vs usual care for chronic coronary artery disease: the CENTURY trial **3286**



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>