

European Heart Journal

Volume 46 No. 18 May 2025

ISSUE @ A GLANCE



Key topics: sex-related differences in vascular surgery; atrial fibrillation and cognitive performance; and gene therapy of ventricular arrhythmias

F. Crea

1689

CardioPulse

Appraisal of the 2024 revision of the level of evidence grading system in European Society of Cardiology Guidelines

S. Windecker

1693

EuroEcho-Imaging 2024: a global forum for echocardiography

D. Muraru, S.E. Petersen, and V. Delgado

1696

In memoriam: Ioanna Andreadou (1965–2025)

G. Vilahur, P. Kleinbongard, and C.J. Zuurbier; on behalf of the Core Group of the COST Action EU-METAHEART (CA22169)

1699

FOCUS ISSUE ON CARDIAC AND VASCULAR SURGERY AND ARRHYTHMIAS

VIEWPOINT

The Year in Cardiovascular Medicine 2024: the top 10 papers in valvular heart disease

H. Baumgartner, B. Lung, and D. Messika-Zeitoun

1702

CLINICAL RESEARCH



Sex-specific differences in alive hospital discharge following infrarenal abdominal aortic aneurysm repair

A.L. Pouncey, M.J. Sweeting, C. Bicknell, J.T. Powell, J. Lübcke, K. Gunnarsson, A. Wanhainen, and K. Mani

1705

Editorial

The gender gap following infrarenal abdominal aneurysm repair: how to close the gap?

C. Lomazzi, J.F. de Kort, and S. Trimarchi

1717



No-touch vein grafts in coronary artery bypass surgery: a registry-based randomized clinical trial

S. Thelin, I.S. Modrau, O. Duvernoy, M. Dalén, M. Dreifaldt, A. Ericsson, Ö. Friberg, A. Holmgren, P. Hostrup Nielsen, H. Hultkvist, K. Jensevik Eriksson, A. Jeppsson, M. Lidén, S. Nozohoor, S. Ragnarsson, U. Sartipy, L. Ternström, R. Themudo, P. Vikholm, and S. James

1720

Editorial

The SWEDEGRAFT trial: when absence of evidence is not evidence of absence

M. Gaudino and S. Sandner

1730



Atrial fibrillation catheter ablation, brain glymphatic function, and cognitive performance

J. Guo, Z. Zhang, X. Meng, J. Jing, Y. Hu, Y. Yao, L. Ding, L. Zheng, and X. Zhao

1733

Editorial

Taking out the trash: the role of glymphatic function in cognitive function in patients with atrial fibrillation

T.J. Bunch

1744

TRANSLATIONAL SCIENCE



SCN10A-short gene therapy to restore conduction and protect against malignant cardiac arrhythmias

J. Wang, A.O. Verkerk, R. Wilders, Y. Zhang, K. Zhang, A. Prakosa, M.R. Rivaud, E.M.J. Marsman, A.R. Boender, M. Klerk, L. Fokkert, B. de Jonge, K. Neef, O.F. Kirzner, C.R. Bezzina, C.A. Remme, H.L. Tan, B.J. Boukens, H.D. Devalla, N.A. Trayanova, V.M. Christoffels, P. Barnett, and G.J.J. Boink

1747

Editorial

Gene therapy targeting I_{Na} to treat life-threatening arrhythmias: beyond proof-of-concept?

P. Lugenbiel

1763

RAPID COMMUNICATIONS

Epicardial adipose tissue and malignant ventricular arrhythmias in phospholamban p.(Arg14del) variant carriers

B. Mahmoud, M.G.P.J. Cox, R. de Brouwer, M.Y.C. van der Heide, T.M. Gorter, L.M.G. Meems, A.A.M. Wilde, D.J. van Veldhuisen, R.A. de Boer, and B.D. Westenbrink

1766

DISCUSSION FORUM

Double counting in meta-analyses: a statistical complication in cardiovascular medicine trials

S. Mehta and E.C. Martinez

1769

Systematic review and meta-analysis of cardiovascular outcome trials: importance of *post hoc* studies

A. Oraii, J.S. Healey, and W.F. McIntyre

1770

CARDIOVASCULAR FLASHLIGHTS

Micropathological visualization of left coronary artery intramural course in complete transposition of the great arteries: a pathological perspective with surgical implications

L. Lin, H. Ohtani, and J. Shiono

1772

A novel percutaneous technique for closing anomalous left coronary artery origin from the pulmonary artery using the Fustar™ Steerable Introducer

S. Song, L. Zhao, and T. Fan

1773

CardioPulse

Weekly Journal Scan

Weekly Journal Scan: transcatheter vs. surgical treatment of combined severe aortic valve stenosis and obstructive coronary artery disease

R. Vergallo and D. Pedicino

1774

CORRECTION

Correction to: Carotid artery atherosclerosis: mechanisms of instability and clinical implications

1716



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>