

European Heart Journal

Volume 45 No. 39 October 2024

ISSUE @ A GLANCE



Focus on ischaemic heart disease: secondary prevention, cardiogenic shock, and novel therapeutic targets

F. Crea

4141

CardioPulse

The European examination in core cardiology

C. Plummer, S. Price, and L. Michalis

4145

Promoting a healthier Ramadan: addressing mind, body, soul, and heart wellbeing

M.Y. Khanji, W. Al-Azzani, S. Abdalla, and S. Waqar; on behalf of the British Islamic Medical Association

4147

Integration of a hypertension treatment programme into Nigeria's primary healthcare system: report from a stakeholders and policymakers' workshop

C. Obiezu-Umeh, M.D. Huffman, and D.B. Ojji

4150

Weekly Journal Scan

Weekly Journal Scan: apolipoprotein A1 is not an adequate shield against early vascular events after acute myocardial infarction

G. Liuzzo and C. Patrono

4153

FOCUS ISSUE ON ISCHAEMIC HEART DISEASE, ACUTE CARDIOVASCULAR CARE, VASCULAR BIOLOGY AND MEDICINE

SPECIAL ARTICLE



Management of aortic disease in children with FBN1-related Marfan syndrome: A joint statement from the paediatric subgroup of the European Reference Network of Vascular Diseases (VASCERN, Heritable Thoracic Aortic Disease working group) and the Association for European Paediatric and Congenital Cardiology (AEPCC)

L. Muñoz-Mosquera, E. Cervi, K. De Groote, W. Dewals, Z. Fejzic, K. Kazamia, S. Mathur, O. Milleron, T.S. Mir, D.G. Nielsen, M. Odermarsky, A. Sabate-Rotes, A. van der Hulst, I. Valenzuela, and G. Jondeau

4156

GREAT DEBATE



Great debate: myocardial infarction after cardiac surgery must be redefined

M. Gaudino, A.S. Jaffe, M. Milojevic, Y. Sandoval, P.J. Devereaux, K. Thygesen, P.O. Myers, and J. Kluin

4170

VIEWPOINTS

Cardiogenic shock: do we need a paradigm shift?

T.F. Lüscher and H. Thiele

4178

The DanGer Shock trial: a new dawn but much to uncover

E. Lüsebrink, L. Binzenhöfer, and H. Thiele

4181

FAST TRACK – CLINICAL RESEARCH

Variation in secondary prevention of coronary heart disease: the INTERASPIRE study

J.W. McEvoy, C. Jennings, K. Kotseva, D. De Bacquer, G. De Backer, I. Erlund, T. Vihervaara, G.Y.H. Lip, K.K. Ray, L. Rydén, A. Abreu, W. Almahmeed, A.M. Ambari, J. Ge, H. Hasan-Ali, Y. Huo, P. Jankowski, R.M. Jimenez, Y. Li, A.S. Mahmood Zuhdi, A. Makubi, A.C. Mbakwem, L. Mbau, J.L. Navarro Estrada, O.S. Ogah, E.N. Ogola, A. Quintero-Baiz, M.U. Sani, M.I. Sosa Liprandi, J.W.C. Tan, M.A. Urina Triana, T.J. Yeo, S. Ganly, A. Adamska, and D. Wood; on behalf of the INTERASPIRE Investigators

4184

Editorial

Achieving successful prevention of coronary artery disease: a worldwide call to action

W.S. Weintraub and W.E. Boden

4197



Routine extracorporeal life support in infarct-related cardiogenic shock: 1-year results of the ECLS-SHOCK trial

S. Desch, U. Zeymer, I. Akin, M. Behnes, D. Duerschmied, T. Rassaf, A.A. Mahabadi, R. Lehmann, I. Eitel, T. Graf, T. Seidler, A. Schuster, T. Thevathasan, C. Skurk, P. Clemmensen, M. Hennersdorf, S. Fichtlscherer, I. Voigt, M. Seyfarth, S. John, S. Ewen, A. Linke, E. Tigges, P. Nordbeck, L. Bruch, C. Jung, J. Franz, P. Lauten, M. Noc, G. Fuernau, H.-J. Feistritz, J. Pöss, E. Kirchhof, T. Ouarrak, S. Schneider, A. Freund, and H. Thiele;
on behalf of the ECLS-SHOCK Investigators

4200



Intensive early and sustained lowering of non-high-density lipoprotein cholesterol after myocardial infarction and prognosis: the SWEDEHEART registry

J. Schubert, M. Leosdottir, B. Lindahl, J. Westerbergh, H. Melhus, A. Modica, N. Cater, J. Brinck, K.K. Ray, and E. Hagström

4204

Editorial

Non-HDL-cholesterol reduction: the challenges of applying clinical trial results in the real world

B. De Geest and S. Van Linthout

4216

TRANSLATIONAL SCIENCE

TRAP1 drives smooth muscle cell senescence and promotes atherosclerosis via HDAC3-primed histone H4 lysine 12 lactylation

X. Li, M. Chen, X. Chen, X. He, X. Li, H. Wei, Y. Tan, J. Min, T. Azam, M. Xue, Y. Zhang, M. Dong, Q. Yin, L. Zheng, H. Jiang, D. Huo, X. Wang, S. Chen, Y. Ji, and H. Chen

4219

Editorial

Metabolites regulating chromatin accessibility: a piece of the puzzle

N. Kränkel

4236

DISCUSSION FORUM

Cardiovascular disease risk communication alone is not enough: why a recent review may be misleading

S. Griffiths, B. McMillan, Y. K. Bartlett, and D. French

4239

Clearing up misunderstandings: addressing issues in recent cardiovascular risk review

M. Bakhit, P. Glasziou, and M. Cardona

4241

CARDIOVASCULAR FLASHLIGHTS

Abdominal aortic penetration caused by an incidentally discovered inferior vena cava filter

J. Wang, Y. Zhou, and T. Wang

4242



'Caterpillar-like' pseudoaneurysms in Behçet's disease

J. Ge, T. Wang, and D. Yuan

4243

CORRECTION



Correction to: Electrical storm treatment by percutaneous stellate ganglion block: the STAR study

4235



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