

# European Heart Journal

## Volume 45 No. 18 May 2024

### ISSUE @ A GLANCE



- Focus on ischaemic heart disease: prevention with colchicine, role of the brain–heart axis, new therapeutic targets for ischaemia–reperfusion injury** 1577  
*F. Crea*

### CardioPulse

- Social Determinants of Cardiovascular Health: understanding their impact and transitioning to a holistic care approach** 1582  
*A.B. Teshale, H.L. Htun, L. Dalli, and R. Freak-Poli*
- Impact of topology on the number of loops during macro-re-entrant atrial tachycardia** 1586  
*N. Vandersickel, S. Hendrickx, R. Van den Abeele, and B. Verstraeten*
- Braunwald's Corner**  
**Cardio-obstetrics: a new specialty** 1589  
*E. Braunwald*
- Weekly Journal Scan**  
**Weekly journal scan: do biodegradable polymer stents provide a durable benefit in patients with ST-segment elevation myocardial infarction?** 1593  
*R. Vergallo and L. Galiuto*

## FOCUS ISSUE ON ISCHAEMIC HEART DISEASE

### STATE OF THE ART REVIEW



- Low-dose colchicine for atherosclerosis: long-term safety** 1596  
*S.M. Nidorf, E. Ben-Chetrit, and P.M. Ridker*
- Injury minimization after myocardial infarction: focus on extracellular vesicles** 1602  
*L. Barile and E. Marbán*


### VIEWPOINT

- Genetic testing in patients with unexplained coronary aneurysms or dilation** 1610  
*D. Adlam, F.S. van Dijk, and B. Loeyts*

### CLINICAL RESEARCH




- Imaging of the brain–heart axis: prognostic value in a European setting** 1613  
*N. Mikail, D.F. Sager, P. Gebert, A. Haider, A. Todorov, S. Bengs, N. Sablonier, I. Glarner, A. Vinzens, N. Sang Bastian, G. Epprecht, C. Sütsch, A. Delcò, M. Fiechter, A. Portmann, V. Treyer, S. Wegener, C. Gräni, A. Pazhenkottil, C.E. Gebhard, V. Regitz-Zagrosek, F.C. Tanner, P.A. Kaufmann, R.R. Buechel, A. Rossi, and C. Gebhard*
- Editorial**  
**Unveiling the heart's silent whisperer: study of stress and the brain–heart connection in Europe** 1631  
*Z.A. Fayad and D. O'Connor*
- Lower extremity arterial disease vs. coronary artery disease: mortality differences after revascularization** 1634  
*M. Takahara, Y. Soga, and O. Iida*
- Editorial**  
**Caring for patients with lower extremity artery disease: going beyond stents and bypass grafts** 1644  
*V. Aboyans and M. De Carlo*

-  Inorganic nitrate benefits contrast-induced nephropathy after coronary angiography for acute coronary syndromes: the NITRATE-CIN trial  
*D.A. Jones, A.-M. Beirne, M. Kelham, L. Wynne, M. Andiapen, K.S. Rathod, T. Parakaw, J. Adams, A. Learoyd, K. Khan, T. Godec, P. Wright, S. Antoniou, A. Wragg, M. Yaqoob, A. Mathur, and A. Ahluwalia* **1647**

**Editorial**

- Inorganic nitrate: a game changer in preventing contrast-associated acute kidney injury  
*C. Zoccali and F. Mallamaci* **1659**

**TRANSLATIONAL SCIENCE**

-  Myocardial reperfusion injury exacerbation due to ALDH2 deficiency is mediated by neutrophil extracellular traps and prevented by leukotriene C4 inhibition  
*K. Yang, R. Gao, H. Chen, J. Hu, P. Zhang, X. Wei, J. Shi, Y. Chen, L. Zhang, J. Chen, Y. Lyu, Z. Dong, W. Wei, K. Hu, Y. Guo, J. Ge, and A. Sun* **1662**

**Editorial**

- Repurposing of an antiasthmatic drug may reduce NETosis and myocardial ischaemia/reperfusion injury  
*M. Amponsah-Offeh, S. Tual-Chalot, and K. Stellos* **1681**

**DISCUSSION FORUM**

- Benefits of coronary artery bypass grafting over percutaneous coronary intervention in left main disease: the strength of the evidence  
*S. Urso, R. Sadaba, and V. Dayan* **1684**

**CARDIOVASCULAR FLASHLIGHT**

- Gastropericardial fistula complicated by severe multi-vessel coronary spasm  
*Q. Xiao, Y. Xu, and S. Wang* **1685**
- Involvement of cholesterol crystals in the mechanism of aortogenic cerebral infarction: an angioscopic study  
*M. Shiba, K. Fukutome, and Y. Higuchi* **1686**

**CORRECTIONS**

- Correction to:** Cardiovascular hospitalizations and mortality among adults aged 25–64 years in the USA **1630**
- Correction to:** Prednisone administration in inflammatory cardiomyopathy: caveat for potentially adverse myocardial actions **1643**
- Correction to:** Tricuspid valve disease and cardiac implantable electronic devices **1680**



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>

