

# European Heart Journal

## Volume 45 No. 29 August 2024

### ISSUE @ A GLANCE



Spotlight on hot topics: subclinical atrial fibrillation, risk stratification of channelopathies, and cardioprotection

F. Crea

2579

### CardioPulse

From chronic disease to chronic health: the evolving role of doctors in the 21st century

L. Fontana

2584

Leaders in cardiology: Irene Lang

J. Ozkan

2587

APOLLO: advanced magnetic probes for minimally invasive endovascular interventions

M. Richter, V.K. Venkiteswaran, J.-P. de Vries, and S. Misra

2589

### Weekly Journal Scan

Weekly Journal Scan: Drug-coated balloon for the treatment of in-stent restenosis - the AGENT IDE trial

D. Pedicino and R. Vergallo

2592

## FOCUS ISSUE ON ARRHYTHMIAS AND ISCHAEMIC HEART DISEASE

### GREAT DEBATE



Great debate: device-detected subclinical atrial fibrillation should be treated like clinical atrial fibrillation

P. Sanders, E. Svensson, S.Z. Diederichsen, H.J.G.M. Crijns, P.D. Lambiase, G. Borhani, and I.C. Van Gelder

2594

### FAST TRACK CLINICAL RESEARCH



Catheter ablation for persistent atrial fibrillation: patterns of recurrence and impact on quality of life and health care utilization

R. Crowley, D. Chieng, H. Sugumar, L.-H. Ling, L. Segar, J. William, S. Prabhu, A. Voskoboinik, G. Wong, J.B. Morton, G. Lee, A.J. McLellan, M. Wong, R.K. Pathak, L. Sterns, M. Ginks, P. Sanders, J.M. Kalman, and P.M. Kistler

2604

#### Editorial

Ablation of persistent atrial fibrillation: never say never again

M. Samuel, M. Rienstra, and I.C. Van Gelder

2617

### META-ANALYSIS

Anticoagulation for post-operative atrial fibrillation after isolated coronary artery bypass grafting: a meta-analysis

M.R.D. van de Kar, T.J. van Brakel, M. van't Veer, G.J. van Steenbergen, E.J. Daeter, H.J.G.M. Crijns, D. van Veghel, L.R.C. Dekker, and L.C. Otterspoor

2620

#### Editorial

Anticoagulation for transient atrial fibrillation post-coronary bypass: high quality evidence needed

F. Andreotti and R. De Caterina

2631

### CLINICAL RESEARCH

Cardiac shockwave therapy in addition to coronary bypass surgery improves myocardial function in ischaemic heart failure: the CAST-HF trial

J. Holfeld, F. Nägele, L. Pöhlz, C. Engler, M. Gruber, J. Hirsch, S. Schmidt, A. Mayr, F. Troger, M. Pamminger, M. Theurl, M. Schreinlechner, N. Sappler, E. Ruttmann-Ulmer, W. Schaden, J.P. Cooke, H. Ulmer, A. Bauer, C. Gollmann-Tepkölü, and M. Grimm

2634

#### Editorial

Therapeutic potentials of sound waves in cardiovascular medicine: further important evidence

H. Shimokawa

2644

- 3 Long QT syndrome: importance of reassessing arrhythmic risk after treatment initiation**  
V. Dusi, F. Dagradi, C. Spazzolini, L. Crotti, P. Cerea, F.L.F. Giovenzana, G. Musu, M. Pedrazzini, M. Torchio, and P.J. Schwartz 2647

**Editorial**

- Risk scores in congenital long QT syndrome: friend or foe?**  
A.A.M. Wilde and C. van der Werf 2657

**TRANSLATIONAL SCIENCE**

- 3 Non-coding RNA yREX3 from human extracellular vesicles exerts macrophage-mediated cardioprotection via a novel gene-methylating mechanism**  
A. Ciullo, L. Li, C. Li, K. Tsi, C. Farrell, M. Pellegrini, E. Marbán, and A.G.E. Ibrahim 2660

**Editorial**

- RNA and the emerging potential of bio-inspired molecules in cardiovascular disease therapies**  
N. Ahmed and D.R. Davis 2674

**DISCUSSION FORUM**

- Non-linear Mendelian randomization publications on vitamin D report spurious findings and require major correction**  
G. Davey Smith 2677

**CARDIOVASCULAR FLASHLIGHTS**

- Left atrial diverticulum as a rare but possible origin of a sustained atrial tachycardia: a case report**  
T. Tsuji, K. Hasegawa, and H. Tada 2679

- Perforation of the right ventricle and pulmonary artery embolism by bone cement after percutaneous vertebroplasty**  
S.-X. Wu, C. Huang, and J. Xu 2680

**CORRECTION**

- 3 Correction to: Recurrent venous thromboembolism and bleeding with extended anticoagulation: the VTE-PREDICT risk score** 2630

 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>