

European Heart Journal

Volume 45 No. 30 August 2024

ISSUE @ A GLANCE



Heart failure and ischaemic heart disease: new challenges and opportunities

F. Crea

2681

CardioPulse

The Artificial Intelligence Act approved by the EU: the difficult dialogue between the black box and the cardiologist

P. Szymański, F. Rademakers, and A.G. Fraser

2686

Prague ICU: free educational platform in the field of acute cardiovascular care

M. Pazderník

2689

Eight reasons why lipoprotein(a) should be measured in everyone at least once in a lifetime

B.J. Arsenault and P.R. Kamstrup

2692

Weekly Journal Scan

Weekly Journal Scan: do we need beta-blockers after myocardial infarction with preserved ejection fraction?

D. Pedicino and M. Volpe

2695

FOCUS ISSUE ON HEART FAILURE AND CARDIOMYOPATHIES, ISCHAEMIC HEART DISEASE

SPECIAL ARTICLE

Management of cardiac sarcoidosis: a clinical consensus statement of the Heart Failure Association, the European Association of Cardiovascular Imaging, the ESC Working Group on Myocardial & Pericardial Diseases, and the European Heart Rhythm Association of the ESC

R. Sharma, V. Kouranos, L.T. Cooper, M. Metra, A. Ristic, B. Heidecker, J. Baksi, E. Wicks, J.L. Merino, K. Klingel, M. Imazio, C. de Chillou, C. Tschöpe, P. Kuchynka, S.E. Petersen, T. McDonagh, T. Lüscher, and G. Filippatos

2697

STATE OF THE ART REVIEW

Genetics of hypertrophic cardiomyopathy: established and emerging implications for clinical practice

L.R. Lopes, C.Y. Ho, and P.M. Elliott

2727



Acute myocardial infarction and ischaemic stroke: differences and similarities in reperfusion therapies—a review

L. Scheldeman, P. Sinnaeve, G.W. Albers, R. Lemmens, and F. Van de Werf

2735



VIEWPOINT

Heart failure with preserved ejection fraction therapy: combining sodium-glucose co-transporter 2 inhibitors and glucagon-like peptide-1 receptor agonists

J.W. Ostrominski, S.D. Solomon, and M. Vaduganathan

2748

CLINICAL RESEARCH



Incident heart failure in chronic kidney disease: proteomics informs biology and risk stratification

R.F. Dubin, R. Deo, Y. Ren, J. Wang, A.R. Pico, J.C. Mychaleckyj, J. Kozlitina, V. Arthur, H. Lee, A. Shah, H. Feldman, N. Bansal, L. Zelnick, P. Rao, N. Sukul, D.S. Raj, R. Mehta, S.E. Rosas, Z. Bhat, M.R. Weir, J. He, J. Chen, M. Kansal, P.L. Kimmel, V.S. Ramachandran, S.S. Waikar, M.R. Segal, and P. Ganz; CRIC Study Investigators and the CKD Biomarkers Consortium

2752

Editorial

Proteomics for understanding progression to heart failure in chronic kidney disease: promising but still not there

F. Zannad and J.P. Ferreira

2768

 **Therapy duration and improvement of ventricular function in *de novo* heart failure: the Heart Failure Optimization study**

C. Veltmann, D. Duncker, M. Doering, S. Gummadi, M. Robertson, T. Wittlinger, B.J. Colley, C. Perings, O. Jonsson, J. Bauersachs, R. Sanchez, and L.S. Maier; for the Heart Failure Optimization Study (HF-OPT) Investigators

2771

Editorial

Guideline-recommended medical therapy for *de novo* heart failure with reduced ejection fraction: be patient waiting for reverse remodelling

J.A. Borovac

2782

RAPID COMMUNICATIONS

 **Fractional flow reserve or optical coherence tomography for angiographically intermediate coronary stenoses: 5-year outcomes in the FORZA trial**

F. Burzotta, A. Zito, C. Aurigemma, E. Romagnoli, F. Bianchini, E. Bianchini, L. Paraggio, C. Ierardi, F. Crea, A.M. Leone, and C. Trani

2785

DISCUSSION FORUM

Long-term outcomes of transcatheter vs. surgical aortic valve replacement: is there still a question to be answered?

K. Dimitriadis, N. Pyrpyris, and K. Tsoufis

2789

A notion of bioprosthetic aortic valve durability

H.G.H. Thyregod, O. De Backer, and L. Søndergaard

2791

CARDIOVASCULAR FLASHLIGHTS

Dissection-like appearance of focal catheter-induced vasospasm in intracoronary optical coherence tomography

R. Volleberg, P. Damman, and N. van Royen

2793

A hidden cause of middle-aged onset heart failure with preserved ejection fraction: a GTPBP3 variant

T. Yano, A. Takeda, and K. Murayama

2794



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>

diabetes and heart disease
international guidelines for patients with diabetes
needs of patients
Hyperglycemia
which is a major risk factor for cardiovascular disease
Review of the evidence for the prevention of cardiovascular disease in patients with diabetes
ath: evidence from the UK, and the role of pharmacological therapy
UK, and the role of pharmacological therapy
protection against the complications of hyperglycemia



www.eurheartj.org