

European Heart Journal

Volume 45 No. 42 November 2024

ISSUE @ A GLANCE



Evolving therapeutic approaches to aortic stenosis, tricuspid regurgitation, hypertrophic cardiomyopathy, and acute heart failure

F. Crea

4451

CardioPulse

Updated declaration of interests for European Society of Cardiology volunteers and officers

C. Aguiar, P. Kirchhof, and F. Weidinger; on behalf of the 2022-2024 ESC DOI Committee

4456

Birth of Europace: the first European specialty journal

R. Sutton and P. Vardas

4458

New COST Action 'European network to tackle METabolic alterations in HEART failure' (EU-METAHEART)

C. Maack, G. Vilahur, M. Ruiz-Meana, and D. Hausenloy; on behalf of the Core Group and Members of the Management Committee of EU-METAHEART

4460

FOCUS ISSUE ON VALVULAR HEART DISEASE, HEART FAILURE AND CARDIOMYOPATHIES

FAST TRACK – CLINICAL RESEARCH



Cardiac biomarkers and effects of aficamten in obstructive hypertrophic cardiomyopathy: the SEQUOIA-HCM trial

C.J. Coats, A. Masri, R. Barriales-Villa, T.P. Abraham, D.M. Brinkley, B.L. Claggett, A. Hagege, S.M. Hegde, C.Y. Ho, I.J. Kulac, M.M.Y. Lee, M.S. Maron, I. Olivotto, A.T. Owens, S.D. Solomon, J. Tfelt-Hansen, H. Watkins, D.L. Jacoby, S.B. Heitner, S. Kupfer, F.I. Malik, L. Meng, A. Wohltman, and J.L. Januzzi; on behalf of the SEQUOIA-HCM Investigators

4464

Editorial

Natriuretic peptides and cardiac hs-troponins as surrogates of cardiomyocyte stress: clinical value in hypertrophic cardiomyopathy?

E. Giannitsis, N. Frey, and H.A. Katus

4479



In-hospital initiation of angiotensin receptor–neprilysin inhibition in acute heart failure: the PREMIER trial

A. Tanaka, K. Kida, Y. Matsue, T. Imai, S. Suwa, I. Taguchi, I. Hisauchi, H. Teragawa, Y. Yazaki, M. Moroi, K. Ohashi, D. Nagatomo, T. Kubota, T. Ijichi, Y. Ikari, K. Yonezu, N. Takahashi, S. Toyoda, T. Toshida, H. Suzuki, T. Minamino, K. Nogi, K. Shiina, Y. Horiuchi, K. Tanabe, D. Hachinohe, S. Kiuchi, K. Kusunose, M. Shimabukuro, and K. Node; on behalf of the PREMIER Study Investigators

4482

Editorial

Implementing medical therapy during worsening heart failure

A.S. Bhatt and M. Vaduganathan

4494



Intravenous iron therapy results in rapid and sustained rise in myocardial iron content through a novel pathway

M. Vera-Aviles, S.N. Kabir, A. Shah, P. Polzella, D.Y. Lim, P. Buckley, C. Ball, D. Swinkels, H. Matlung, C. Blans, P. Holdship, J. Nugent, E. Anderson, M. Desborough, S. Piechnik, V. Ferreira, and S. Lakhal-Littleton

4497

Editorial

Is myocardial accumulation of non-transferrin-bound iron clinically relevant?

S. von Haehling, R. Sato, and S.D. Anker

4509

FAST TRACK CLINICAL RESEARCH

Benefit of isolated surgical valve repair or replacement for functional tricuspid regurgitation and long-term outcomes stratified by the TRI-SCORE

J. Dreyfus, F. Juarez-Casso, A. Sala, M. Carnero-Alcazar, A. Eixerés-Esteve, Y. Bohbot, B. Bazire, M. Flagiello, E. Riant, Y. Mbaki, J. Tomasi, T. Senage, K. Rahmouni El Idrissi, A. Coisne, D. Eyharts, F. Doguet, F. Viau, F. Eggenspieler, S. Heuts, P. Sardari Nia, G. Heitzinger, X. Galloo, N. Ajmone Marsan, G. Benfari, L. Badano, D. Muraru, F. Maisano, Y. Topilsky, H. Michelena, M. Enriquez-Sarano, J. Bax, P. Bartko, C. Selton-Suty, G. Habib, Y. Lavie-Badie, T. Modine, V. Chan, T. Le Tourneau, E. Donal, P. Lim, C. Radu, J. Bernick, G.A. Wells, C. Tribouilloy, B. lung, J.-F. Obadia, M. De Bonis, J. Crestanello, and D. Messika-Zeitoun; on behalf of the TRIGISTRY Investigators

4512

Editorial

Tricuspid valve trilogy: between risks and timing for surgery

N. Bonaros, C. Gollmann-Tepeköylü, and M. Grimm

4523

FAST TRACK CONGRESS

Aortic valve replacement vs. conservative treatment in asymptomatic severe aortic stenosis: long-term follow-up of the AVATAR trial

M. Banovic, S. Putnik, B.R. Da Costa, M. Penicka, M.A. Deja, M. Kotrc, R. Kockova, S. Glaveckaite, H. Gasparovic, N. Pavlovic, L. Velicki, S. Salizzoni, W. Wojakowski, G. Van Camp, S. Gradinac, M. Laufer, S. Tomovic, I. Basic, M. Bojanic, A. Ristic, A. Klasnja, M. Matkovic, N. Boskovic, K. Zivic, M. Jovanovic, S.D. Nikolic, B. lung, and J. Bartunek

4526

Editorial

Benefit of early aortic valve replacement in asymptomatic severe aortic stenosis but questions remain

A. Martinsson and A. Jeppsson

4536

VIEWPOINT

Heart failure with preserved ejection fraction: underdiagnosed and undertreated in patients with tricuspid regurgitation

K.M. Talha, M. Metra, and J. Butler

4539

DISCUSSION FORUM

Is intravascular ultrasound needed to optimize drug-coated balloon angioplasty results?

F. Alfonso and B. Cortese

4542

Intravascular ultrasound improves the outcomes of drug-coated balloon angioplasty by providing precise vessel dimensions for optimal device size selection

Y.-G. Ko

4544

CARDIOVASCULAR FLASHLIGHTS

A similar severe fibrosis pattern in a monozygotic twin pair with the *TRIM63* variant manifesting as hypertrophic cardiomyopathy

L. Pu, J. Wang, and Y. Chen

4546

Mucopolipidosis III: a rare phenocopy of inherited metabolic cardiomyopathy

X. Gu, L. Dai, and M. Lu

4548

CardioPulse

Weekly Journal Scan

Weekly Journal Scan: colchicine after an acute ischaemic stroke shows no *CHANCE* of preventing recurrent events

G. Liuzzo and D. Pedicino

4549



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