

ISSUE @ A GLANCE



Back to square one: what is a normal blood pressure and for whom?

T.F. Lüscher

2221

CardioPulse

Guy Fontaine MD PhD HDR

R. Frank

2226

Guy Fontaine, a personal tribute

G. Li

2228

The Role of Women in Cardiology

J. Ozkan

2230

Late Maternal Death due to Cardiovascular Disease

J. Ozkan

2231

New EHJ International Associate Editor

2232

EDITOR'S PAGE

What is a normal blood pressure?

T.F. Lüscher

2233

VIEWPOINT

Changing definition of hypertension in guidelines: how innocent a number game?

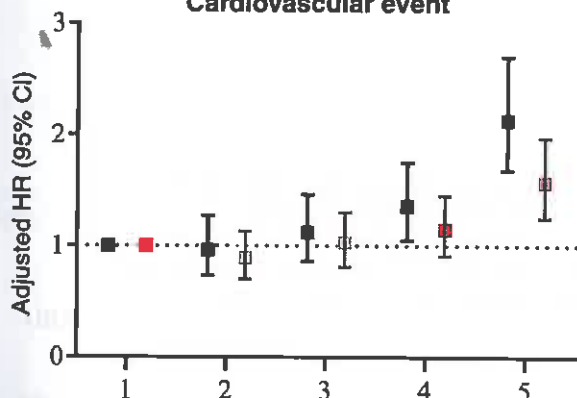
F.H. Messerli, S.F. Rimoldi, and S. Bangalore

2241

CLINICAL RESEARCH

Hypertension

Cardiovascular event



Blood pressure variability and risk of cardiovascular events and death in patients with hypertension and different baseline risks

M.H. Mehlum, K. Liestøl, S.E. Kjeldsen, S. Julius, T.A. Hua, P.M. Rothwell, G. Mancina, G. Parati, M.A. Weber, and E. Berge

2243

Editorial

Visit-to-visit blood pressure variability: added 'VALUE' as a risk marker in low- and high-risk patients

S. Laurent and P. Boutouyrie

2252

Prevention and epidemiology

Blood pressure and cardiovascular outcomes in patients with diabetes and high cardiovascular risk

B.A. Bergmark, B.M. Scirica, P.G. Steg, C.L. Fanola, Y. Gurm, O. Mosenzon, A. Cahn, I. Raz, and D.L. Bhatt; on behalf of the SAVOR-TIMI 53 Investigators

2255

Obesity and metabolic syndrome

Distinct child-to-adult body mass index trajectories are associated with different levels of adult cardiometabolic risk

M.-J. Buscot, R.J. Thomson, M. Juonala, M.A. Sabin, D.P. Burgner, T. Lehtimäki, N. Hutri-Kähönen, J.S.A. Viikari, O.T. Raitakari, and C.G. Magnussen

2263

Editorial

BMI trajectories from childhood: the slippery slope to adult obesity and cardiovascular disease
M. Charakida and J.E. Deanfield

2271

CURRENT OPINION

Disease management

Non-insulin antidiabetic pharmacotherapy in patients with established cardiovascular disease: a position paper of the European Society of Cardiology Working Group on Cardiovascular Pharmacotherapy

A. Niessner, J. Tamargo, L. Koller, C.H. Saely, T.A. Schmidt, G. Savarese, S. Wassmann, G. Rosano, C. Ceconi, C. Torp-Pedersen, J.C. Kaski, K.P. Kjeldsen, S. Agewall, T. Walther, H. Drexel, and B.S. Lewis

2274

CLINICAL RESEARCH

Prevention and epidemiology

Arterial stiffening is a heritable trait associated with arterial dilation but not wall thickening: a longitudinal study in the twins UK cohort

M. Cecelja, B. Jiang, L. Keehn, T. Hussain, M. Silva Vieira, A. Phinikaridou, G. Greil, T.D. Spector, and P. Chowienzyk

2282

Editorial

Arterial stiffening and arterial dilation as heritable traits caused by defective vital rubber?

C.S. Hayward, A. Adji, and M.F. O'Rourke

2289

META-ANALYSIS

A meta-analysis of continuous positive airway pressure therapy in prevention of cardiovascular events in patients with obstructive sleep apnoea

S.U. Khan, C.A. Duran, H. Rahman, M. Lekkala, M.A. Saleem, and E. Kaluski

2291

Editorial

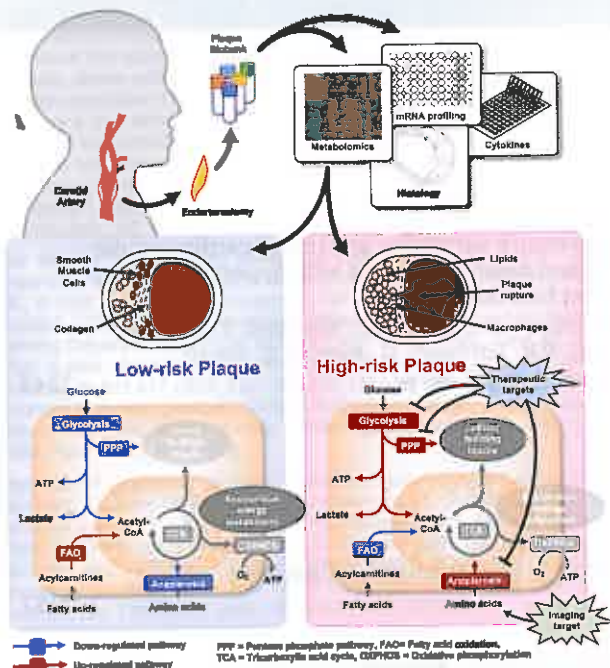
The search for cardiovascular benefit from treating obstructive sleep apnoea with CPAP therapy

M.R. Cowie, A.M. Gallagher and A.K. Simonds

2298

BASIC SCIENCE

Vascular biology



Altered metabolism distinguishes high-risk from stable carotid atherosclerotic plaques

L. Tomas, A. Edsfeldt, I.G. Mollet, L. Perisic Matic, C. Prehn, J. Adamski, G. Paulsson-Berne, U. Hedin, J. Nilsson, E. Bengtsson, I. Gonçalves, and H. Björkbacka

2301

Editorial

Metabolomic profiling of atherosclerotic plaques: towards improved cardiovascular risk stratification
E.P.C. van der Vorst and C. Weber

2311

CURRENT OPINION

Arrhythmia/electrophysiology

Chronic kidney disease and arrhythmias: conclusions from a Kidney Disease: Improving Global Outcomes (KDIGO) Controversies Conference

M.P. Turakhia, P.J. Blankestijn, J.-J. Carrero, C.M. Clase, R. Deo, C.A. Herzog, S.E. Kasner, R.S. Passman, R. Pecoits-Filho, H. Reinecke, G.R. Shroff, W. Zareba, M. Cheung, D.C. Wheeler, W.C. Winkelmayr, and C. Wanner, for Conference Participants

2314

VIEWPOINT

The circadian clock in cardiovascular regulation and disease: Lessons from the Nobel Prize in Physiology or Medicine 2017

L.W. Van Laake, T.F. Lüscher, and M.E. Young

2326

CARDIOVASCULAR FLASHLIGHTS

Real-time left ventricular pressure-volume loops during percutaneous central arteriovenous anastomosis

S. Ewen, L. Lauder, M. Böhm, and F. Mahfoud

2330

Reversible aortic valve stenosis with Löffler endocarditis

M. Yamamoto, Y. Seo, T. Ishizu, and K. Aonuma

2332

CORRIGENDA

Corrigendum to: The Population Health Research Institute

2242

Corrigendum to: Incidence and outcomes of emergent cardiac surgery during transfemoral transcatheter aortic valve implantation (TAVI): Insights from the European Registry on Emergent Cardiac Surgery during TAVI (EuRECS-TAVI)

2281

Corrigendum to: Identification of capillary rarefaction using intracoronary wave intensity analysis with resultant prognostic implications for cardiac allograft patients

2300

 Open Access Paper

 For the podcast associated with this article, please visit <https://academic.oup.com/eurheartj/pages/Podcasts>



Visit EHJ's mobile site
<https://academic.oup.com/eurheartj>



www.eurheartj.org