



EUROPEAN
SOCIETY OF
CARDIOLOGY®

European Heart Journal

Volume 36 No. 29 August 2015

ISSUE @ A GLANCE

-  **Mitral valve disease and acute coronary syndromes**
T.F. Lüscher 1839

CardioPulse

- Cardiovascular precision medicine: hope or hype?**
G.S. Pitt 1842
- Editors network of the European Society of Cardiology National Cardiovascular Journals: scientific input from the National Societies**
F. Alfonso, F. Pinto, P. Vardas, and T.F. Lüscher 1843
- Hand grip strength predicts myocardial infarction and stroke**
J. Taylor 1845
- Effect of remote ischaemic conditioning on clinical outcomes in patients presenting with an ST-segment elevation myocardial infarction undergoing primary percutaneous coronary intervention**
D.J. Hausenloy, R. Kharbanda, M.R. Schmidt, U.K. Møller, J. Ravkilde, L.O. Jensen, T. Engstrøm, J.M.G. Ruiz, N. Radovanovic, E.F. Christensen, H.T. Sørensen, M. Ramlall, H. Bulluck, R. Evans, J. Nicholas, R. Knight, T. Clayton, D.M. Yellon, and H.E. Bøtker 1846

EDITORIAL

- Mitral Valve Academic Research Consortium consensus report: the U.S. Food and Drug Administration perspective**
J.C. Laschinger, N.G. Ibrahim, and B.D. Zuckerman 1849

CURRENT OPINION

- Clinical trial design principles and endpoint definitions for transcatheter mitral valve repair and replacement: part 1: clinical trial design principles**
G.W. Stone, A.S. Vahanian, D.H. Adams, W.T. Abraham, J.S. Borer, J.J. Bax, J. Schofer, D.E. Cutlip, M.W. Krucoff, E.H. Blackstone, P. Gèneux, M.J. Mack, R.J. Siegel, P.A. Grayburn, M. Enriquez-Sarano, P. Lancellotti, G. Filippatos, and A.P. Kappetein, for the Mitral Valve Academic Research Consortium (MVARC) 1851
- Clinical trial design principles and endpoint definitions for transcatheter mitral valve repair and replacement: part 2: endpoint definitions**
G.W. Stone, D.H. Adams, W.T. Abraham, A.P. Kappetein, P. Gèneux, P. Vranckx, R. Mehran, K.-H. Kuck, M.B. Leon, N. Piazza, S.J. Head, G. Filippatos, and A.S. Vahanian, for the Mitral Valve Academic Research Consortium (MVARC) 1878

FAST TRACK CLINICAL RESEARCH

- Culprit lesion thrombus burden after manual thrombectomy or percutaneous coronary intervention-alone in ST-segment elevation myocardial infarction: the optical coherence tomography sub-study of the TOTAL (ThrOmbecTomy versus PCI ALone) trial**
R. Bhindi, O.A. Kajander, S.S. Jolly, S. Kassam, S. Lavi, K. Niemelä, A. Fung, A.N. Cheema, B. Meeks, D. Alexopoulos, V. Kočka, W.J. Cantor, T.P. Kaivosoja, O. Shestakovska, P. Gao, G. Stankovic, V. Džavik, and T. Sheth 1892

CLINICAL RESEARCH

- Acute coronary syndromes**
Effect of genetic variations on ticagrelor plasma levels and clinical outcomes
C. Varenhorst, N. Eriksson, Å. Johansson, B.J. Barratt, E. Hagström, A. Åkerblom, A.-C. Syvänen, R.C. Becker, S.K. James, H.A. Katus, S. Husted, Ph. Gabriel Steg, A. Siegbahn, D. Voora, R. Teng, R.F. Storey, and L. Wallentin, on behalf of the PLATO Investigators 1901
- Imaging**
Coronary high-intensity plaque on T₁-weighted magnetic resonance imaging and its association with myocardial injury after percutaneous coronary intervention
T. Hoshi, A. Sato, D. Akiyama, D. Hiraya, S. Sakai, M. Shindo, K. Mori, M. Minami, and K. Aonuma 1913

BASIC SCIENCE

 Acute myocardial infarction activates distinct inflammation and proliferation pathways in circulating monocytes, prior to recruitment, and identified through conserved transcriptional responses in mice and humans

N. Ruparelia, J. Godec, R. Lee, J.T. Chai, E. Dall'Armellina, D. McAndrew, J.E. Digby, J.C. Forfar, B.D. Prendergast, R.K. Kharbada, A.P. Banning, S. Neubauer, C.A. Lygate, K.M. Channon, N.W. Haining, and R.P. Choudhury

1923

CARDIOVASCULAR FLASHLIGHTS

An innovative treatment of anomalous origin of the left coronary artery from the pulmonary artery

W. Zhengjun, X.-L. Zhu, L. Hongxin, B. Hu, G. Zhang, and G. Wenbin

1935

A case of multiple coronary atresias: a rarity even within the family of coronary anomalies

P.F. Teunissen, C.B. Marcu, P. Knaapen, and N. van Royen

1936

 Open Access Paper



For the podcast associated with this article, please visit <http://eurheartj.oxfordjournals.org/podcast>



Visit EHJ's mobile site
<http://m.eurheartj.oxfordjournals.org/>



www.eurheartj.org