



EUROPEAN
SOCIETY OF
CARDIOLOGY®

European Heart Journal

Volume 38 No. 6 February 2017

ISSUE @ A GLANCE



From conventional to molecular imaging: delineating mechanisms, diagnosis, and outcomes

T.F. Lüscher

377

CardioPulse

'Brainstorm' at EACVI

A.J. Scholte

381

Sven Plein and the future of cardiac MRI

M. Nicholls

383

Echocardiography laboratory accreditation

A.S. Stefanidis, B.A. Popescu, and B. Cosyns

385

The CMR Pocket Guide App

B. Herzog

386

Myocardial fibrosis identified as new therapeutic target

A. Toffel

387

European Association of Preventive Cardiology country of the month initiative: Belgium

J. De Sutter

388

CURRENT OPINION

The year in cardiology 2016: imaging

V. Delgado, O. Gaemperli, M. Lombardi, P.A. Kaufmann, and J.J. Bax

390

REVIEW

Imaging

Hybrid intravascular imaging: recent advances, technical considerations, and current applications in the study of plaque pathophysiology

C.V. Bourantas, F.A. Jaffer, F.J. Gijsen, G. van Soest, S.P. Madden, B.K. Courtney, A.M. Fard, E. Tenekecioglu, Y. Zeng, A.F.W. van der Steen, S. Emelianov, J. Muller, P.H. Stone, L. Marcu, G.J. Tearney, and P.W. Serruys

400

CLINICAL RESEARCH

Imaging

Prognostic assessment of stable coronary artery disease as determined by coronary computed tomography angiography: a Danish multicentre cohort study

L.H. Nielsen, H.E. Bøtker, H.T. Sørensen, M. Schmidt, L. Pedersen, N.P. Sand, J.M. Jensen, F.H. Steffensen, H.H. Tilsted, M. Bøttcher, A. Diederichsen, J. Lambrechtsen, L.D. Kristensen, K.A. Øvrehus, H. Mickley, H. Munkholm, O. Gøtzsche, M. Husain, L.L. Knudsen, and B.L. Nørgaard

413

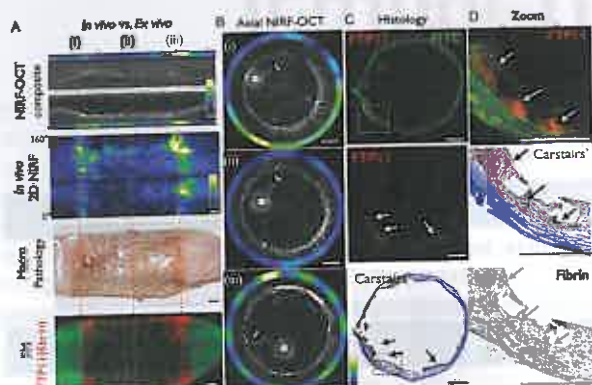
Editorial

Prognostic value of coronary CT angiography: lessons from the West Denmark Cardiac Registry

J. Leipsic and P. Blanke

422





Increased haematopoietic activity in patients with atherosclerosis
F.M. van der Valk, C. Kuijk, S.L. Verweij, L.C.A. Stiekema, Y. Kaiser, S. Zeerleder, M. Nahrendorf, C. Voermans, and E.S.G. Stroes

425

Editorial

Persistent stem cell-driven inflammation in patients with prior MI and stroke

T.R. Cimato

433

Simultaneous dual-isotope solid-state detector SPECT for improved tracking of white blood cells in suspected endocarditis

F. Caobelli, T. Wollenweber, U. Bavendiek, C. Kühn, C. Schütze, L. Geworski, J.T. Thackeray, J. Bauersachs, A. Haverich, and F.M. Bengel

436

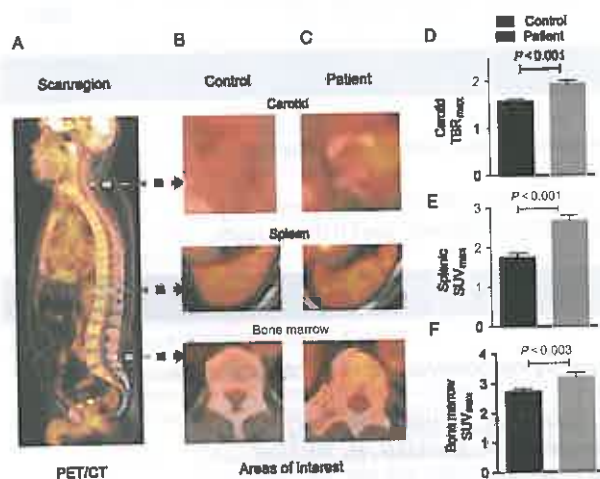
Editorial

New-generation CZT cameras: the future of infection imaging?

F. Rouzet, J. Aerts, F. Hyafil, and D. Le Guludec

444

BASIC SCIENCE



Intravascular fibrin molecular imaging improves the detection of unhealed stents assessed by optical coherence tomography in vivo

T. Hara, G.J. Ughi, J.R. McCarthy, S. Sibel Erdem, A. Mauskopf, S.C. Lyon, A.M. Fard, E.R. Edelman, G.J. Tearney, and F.A. Jaffer

447

Editorial

Molecular multimodality imaging: has a long-standing dream come true?

M. Joner, D. Giaccoppo, and A. Kastrati

456

CARDIOVASCULAR FLASHLIGHTS

Incomplete Shone's complex in the sixth decade of life: echo and cardiac magnetic resonance imaging assessment

N. Lorenzo, E. Claver, J. Alió, and R. Aguilar

459

Three-dimensional cinematrix volume rendering technique: a novel photon-based post-processing technique for reverse right internal mammary artery/right coronary artery bypass visualization

G. Feuchtner, J. Holfeld, A. Sakic, and O. Chevtchik

460



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