

# European Heart Journal Volume 41 No. 32 August 2020

## **ISSUE @ A GLANCE**

Understanding COVID-19: in the end it is the endothelium—what else? T.F. Lüscher

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### CardioPulse

Closing Comments: Thomas F Lüscher talks to CardioPulse about a Decade of Exciting Development at the European Heart Journal J. Ozkan

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### **VIEWPOINT**

### Disease management

COVID-19 is, in the end, an endothelial disease

P. Libby and T. Lüscher

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### FAST TRACK CLINICAL RESEARCH

### Disease management

COVID-19 kills at home: the close relationship between the epidemic and the increase of out-of-hospital cardiac arrests

E. Baldi, G.M. Sechi, C. Mare, F. Canevari, A. Brancaglione, R. Primi, C. Klersy, A. Palo, E. Contri, V. Ronchi, G. Beretta, F. Reali, P. Parogni, F. Facchin, U. Rizzi, D. Bussi, S. Ruggeri, L. Oltrona Visconti, and S. Savastano, on behalf of the Lombardia CARe researchers

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How does COVID-19 kill at home and what should we do about it? H.L. Tan

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### **Pulmonary circulation**

Pulmonary embolism in COVID-19 patients: a French multicentre cohort study

C. Fauvel, O. Weizman, A. Trimaille, D. Mika, T. Pommier, N. Pace, A. Douair, E. Barbin, A. Fraix, O. Bouchot, O. Benmansour, G. Godeau, Y. Mecheri, R. Lebourdon, C. Yvorel, M. Massin, T. Leblon, C. Chabbi, E. Cugney,

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### **Editorial**

A. Torbicki

COVID-19 and pulmonary embolism: an unwanted alliance

Atrial fibrillation

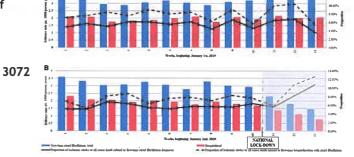
New-onset atrial fibrillation: incidence, characteristics, and related events following a national COVID-19 lockdown of 5.6 million people

A. Holt, G.H. Gislason, M. Schou, B. Zareini,

T. Biering-Sørensen, M. Phelps, K. Kragholm, C. Andersson,

E.L. Fosbøl, M.L. Hansen, T.A. Gerds, L. Køber,

C. Torp-Pedersen, and M. Lamberts



Effects of COVID-19 lockdown strategies on management of atrial fibrillation

C. Blomström-Lundqvist

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### **CLINICAL REVIEW**

### **Novel therapeutic concepts**

Myocardial injury after non-cardiac surgery: diagnosis and management

P.J. Devereaux and W. Szczeklik

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Patient ≥65 years of age or with known atherosclerotic disease undergoing noncardiac surgery Obtain troponin measurements on day 1, 2, and 3 after surgery while the patient is in hospital to avoid missing ≥90% monito of the MINS Most patients with MINS For patients with MINS who should only be referred to of MINS are not at high risk of cardiac catheterization if bleeding, physicians should they demonstrate recurrent consider initiating dabigatran 110 mg twice daily\* and lowstability (e.g., cardiac Management ischemia, heart failure). dose aspirin<sup>†</sup>. Physicians should also consider initiating statin therapy<sup>†</sup> in patients with MINS.

**DISCUSSION FORUM** 

E. Culebras and F. Hernández

Should atrial fibrillation be considered a cardiovascular risk factor for a worse prognosis in COVID-19

F. Sanchis-Gomar, C. Perez-Quilis, and C.J. Lavie

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Atrial fibrillation in the COVID-19 era: simple bystander or marker of increased risk? R.M. Inciardi, M. Adamo, L. Lupi, and M. Metra

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ACE2 is on the X chromosome: could this explain COVID-19 gender differences?

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Men more vulnerable to COVID-19: explained by ACE2 on the X chromosome?

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I.E. Sama and A.A. Voors

Circulating plasma angiotensin-converting enzyme 2 concentrations in patients with kidney disease I.M. Schmidt, A. Verma, and S.S. Waikar

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Circulating plasma angiotensin-converting enzyme 2 concentration is elevated in patients with kidney local and a second concentration is elevated in patients with kidney local and a second concentration is elevated in patients with kidney local and a second concentration is elevated in patients with kidney local and a second concentration is elevated in patients with kidney local and a second concentration is elevated in patients with kidney local and a second concentration is elevated in patients with kidney local and a second concentration is elevated in patients with kidney local and a second concentration is elevated in patients. disease and diabetes

I.E. Sama and A.A. Voors

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Clearly defined interventricular septum chemical shift: an extensive lipidic interposition

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Multivessel spontaneous coronary artery dissection presenting in a patient with severe acute SARS-CoV-2

respiratory infection

.OVID-19 lockdown strategies

When a delayed cardiology consultation leads to a massive left ventricle pseudoaneurysm: collateral effects of the COVID-19 pandemic

L. Fernandez Gasso, N.M. Maneiro Melon, F. Sarnago Cebada, J. Solis and J. Garcia Tejada Monte and Science and Sci

G. Rimac, M. Marzouk, É. Dumont, and J.-M. Paradis

R. Plácido, J. Abecasis, A.G. Almeida, and F.J. Pinto

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