

ISSUE @ A GLANCE



Pulmonary embolism, COVID, and bleeding risk in acute coronary syndromes: a Focus Issue on thrombosis and antithrombotic treatment

F. Crea

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CardioPulse

A glimpse into the future of cardiology: how can advanced technologies lead to compassionate care?

B. Mesko

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The need for ethical and pragmatic strategies for sample and data collection during public health emergencies—minimizing missed opportunities

R. Escandon and B. Heidecker

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Jeffrey B. Geske, MD

J.B. Geske

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Paul A. Friedman has been appointed as a new Board Reviewer of the *European Heart Journal*

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Weekly Journal Scan

Worsening of risk factor control in US diabetic patients: a call to action

M. Volpe and C. Patrono

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SPECIAL ARTICLE



Clinician Well-Being—addressing global needs for improvements in the health care field: a joint opinion from the American College of Cardiology, American Heart Association, European Society of Cardiology, World Heart Federation

L.S. Mehta, M.S.V. Elkind, S. Achenbach, F.J. Pinto, and A. Poppas

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CLINICAL RESEARCH

Thrombosis and Antithrombotic Treatment

Pulmonary embolism in patients with COVID-19: incidence, risk factors, clinical characteristics, and outcome

Ò. Miró, S. Jiménez, A. Mebazaa, Y. Freund, G. Burillo-Putze, A. Martín, F.J. Martín-Sánchez, E.J. García-Lamberechts, A. Alquézar-Arbé, J. Jacob, P. Llorens, P. Piñera, V. Gil, J. Guardiola, C. Cardozo, J.M. Mòdol Deltell, J. Tost, A. Aguirre Tejedo, A. Palau-Vendrell, L.L. García, M. Adroher Muñoz, C. del Arco Galán, T. Agudo Villa, N. López-Laguna, M.P. López Díez, F. Beddar Chaib, E. Quero Motto, M. González Tejera, M.C. Ponce, and J. González del Castillo; on behalf of the Spanish Investigators on Emergency Situations TeAm (SIESTA) network

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	COVID without PE	COVID with PE	Non-COVID with PE
Incidence		310 per 100,000 per year ~9-fold higher risk for PE in COVID-19 patients	35 per 100,000 per year
Risk factors	Significantly more frequent - Chronic heart failure - Cough - Fever	Significantly more frequent - Chest pain - Leg swelling/pain - D-dimer >1000 ng/mL	
Clinical characteristics		Significantly more frequent - Diarrhea - Fever - Lung interstitial infiltrates & ground-glass opacities in chest X-ray - PE restricted to segmental or subsegmental pulmonary arteries	Significantly more frequent - Previous thromboembolic disease - Chronic estrogen therapy - PE involving main pulmonary arteries
In-hospital mortality	11.4%–15.6% of in-hospital death Not statistically significant differences	16.0% in-hospital death 16.0% in-hospital death >2-fold higher risk of dying in COVID-19 patients	6.5% in-hospital death

Editorial

Hypercoagulability and thrombosis in COVID-19: a modifiable cause for mortality?

N. Chan and J. Eikelboom

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Thrombosis and Antithrombotic Treatment



Triaging acute pulmonary embolism for home treatment by Hestia or simplified PESI criteria: the HOME-PE randomized trial

P.-M. Roy, A. Penalzoza, O. Hugli, F.A. Klok, A. Arnoux, A. Elias, F. Couturaud, L.-M. Joly, R. Lopez, L.M. Faber, M. Daoud-Elias, B. Planquette, J. Bokobza, D. Viglino, J. Schmidt, H. Juchet, I. Mahe, F. Mulder, M. Bartiaux, R. Cren, T. Moumneh, I. Quere, N. Falvo, K. Montclair, D. Douillet, C. Steinier, S.V. Hendriks, Y. Benhamou, T.-A. Szwedebel, G. Pernod, N. Dublanchet, F.-X. Lapebie, N. Javaud, A. Ghuyssen, M. Sebbane, G. Chatellier, G. Meyer, D. Jimenez, M.V. Huisman, and O. Sanchez; for the HOME-PE Study Group

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Editorial

Home management or hospital admission for low-risk pulmonary embolism? Clinical scores versus pragmatic assessment

C. Becattini, L.A. Cimini, and G. Agnelli

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Thrombosis and Antithrombotic Treatment

Antiplatelet therapy in patients with conservatively managed spontaneous coronary artery dissection from the multicentre DISCO registry

E. Cerrato, F. Giacobbe, G. Quadri, F. Macaya, M. Bianco, R. Mori, Carlo Alberto Biolè, A. Boi, L. Bettari, C. Rolfo, F. Ferrari, G. Annibali, M. Scappaticci, M. Pavani, U. Barbero, D. Buccheri, C. Cavallino, P. Lombardi, C. Bernelli, F. D'Ascenzo, V. Infantino, A. Gambino, S. Cinconze, A. Rognoni, L. Montagna, I. Porto, G. Musumeci, J. Escaned, and F. Varbella; DISCO Collaborators

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Editorial

First, do no harm

S.N. Hayes

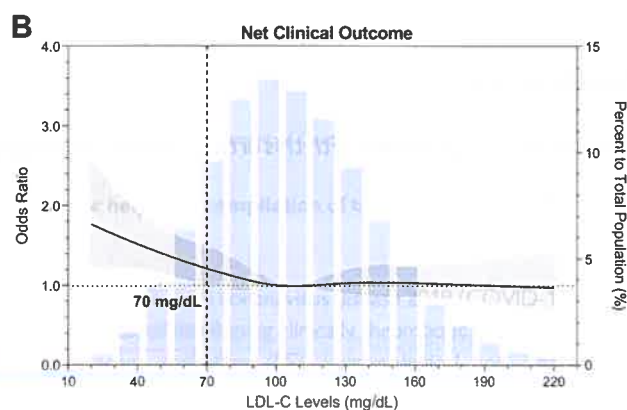
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Thrombosis and Antithrombotic Treatment

LDL cholesterol levels and in-hospital bleeding in patients on high-intensity antithrombotic therapy: findings from the CCC-ACS project

Q. Yang, D. Sun, C. Pei, Y. Zeng, Z. Wang, Z. Li, Y. Hao, X. Song, Y. Li, G. Liu, Y. Tang, Sidney C. Smith, Jr, Y. Han, Y. Huo, J. Ge, C. Ma, G.C. Fonarow, L. Morgan, J. Liu, J. Liu, M. Zhou, D. Zhao, Y. Zhou, and X. Zhou; on behalf of the CCC-ACS Investigators

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Editorial

Should we consider low LDL-cholesterol a marker of in-hospital bleeding in patients with acute coronary syndrome undergoing percutaneous coronary intervention?

D.A. Gorog, E.P. Navarese, and F. Andreotti

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META-ANALYSIS

Thrombosis and Antithrombotic Treatment

Right ventricle assessment in patients with pulmonary embolism at low risk for death based on clinical models: an individual patient data meta-analysis

C. Becattini, G. Maraziti, D.R. Vinson, A.C.C. Ng, P.L. den Exter, B. Côté, S. Vanni, R. Doukky, D. Khemasuwan, A.J. Weekes, T.H. Soares, S. Ozsü, H.P. Friz, S. Erol, G. Agnelli, and D. Jiménez

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Right ventricle dysfunction in patients with acute pulmonary embolism supposedly at low risk for death: when evidence-based medicine rescues clinical practice

L. Bertoletti, D. Montani, and M. Humbert

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DISCUSSION FORUM

Single antiplatelet therapy after transcatheter aortic valve implantation: clarity on existing data

G. Dangas, J. Nicolas, and R. Mehran

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Antithrombotic therapy in patients undergoing trans catheter aortic valve implantation

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CARDIOVASCULAR FLASHLIGHT

COVID-19 vaccine induced prothrombotic immune thrombocytopenia

C. Xie, L. Vincent, A. Chadwick, and H. Peschl

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Major left ventricular thrombi in an adolescent with COVID-19-associated inflammatory syndrome

O. Materna, K. Koubský, R. Pádr, and J. Janoušek

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CORRECTIONS

Corrigendum to: Efficacy and safety of low-dose colchicine in patients with coronary disease: a systematic review and meta-analysis of randomised trials

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Erratum to: Prevention of CV outcomes in antihyperglycemic drug-naïve patients with type 2 diabetes with, or at elevated risk of, atherosclerotic cardiovascular disease: to start or not to start with metformin

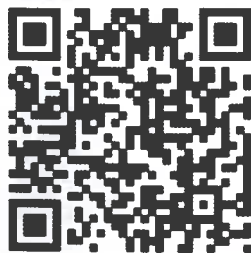
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