

ISSUE @ A GLANCE



The growing non-pharmacological armamentarium for the treatment of cardiovascular diseases: from drug-coated balloons to drug-eluting stents, extracorporeal membrane oxygenation, and stem cells

F. Crea

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CardioPulse

ESC Andreas Grüntzig Lecture on Interventional Cardiology 2020

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What's New for the 2020 ESC Core Curriculum?

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Trusting our cardiology trainees

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A new wireless mini pacemaker

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Research on Newer Generation Stents and Left Atrial Appendage Thrombus in China

H. Yaling

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SPECIAL ARTICLE

ESC Core Curriculum for the Cardiologist

F.C. Tanner, N. Brooks, K.F. Fox, L. Gonçalves, P. Kearney, L. Michalis, A. Pasquet, S. Price, E. Bonnefoy, M. Westwood, C. Plummer, and P. Kirchhof

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Interventional cardiology

How to shape the future of cardiology and cardiac surgery?

G. Dreyfus and S. Windecker

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FAST TRACK CLINICAL RESEARCH

Interventional cardiology

The effect of intracoronary infusion of bone marrow-derived mononuclear cells on all-cause mortality in acute myocardial infarction: the BAMI trial

A. Mathur, F. Fernández-Avilés, J. Bartunek, A. Belmans, F. Crea, S. Dowlut, M. Galiñanes, M.-C. Good, J. Hartikainen, C. Hauskeller, S. Janssens, P. Kala, J. Kastrup, J. Martin, P. Menasché, R. Sanz-Ruiz, S. Ylä-Herttuala, and A. Zeiher; On behalf of the BAMI Group

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Editorial

Cell therapy for acute myocardial infarction: *Requiescat in Pace*

R. Bolli

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Paclitaxel-coated balloon angioplasty vs. drug-eluting stenting for the treatment of coronary in-stent restenosis: a comprehensive, collaborative, individual patient data meta-analysis of 10 randomized clinical trials (DAEDALUS study)

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Editorial

Paclitaxel-coated balloons: a safe alternative to drug-eluting stents for coronary in-stent restenosis

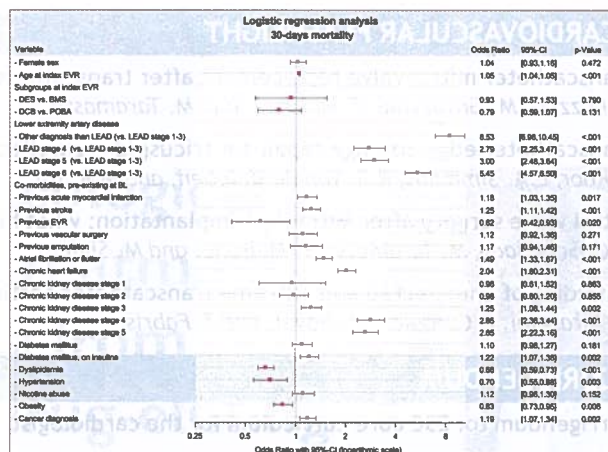
A. Lansky, D. Grubman, and B. Scheller

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Mortality after use of paclitaxel-based devices in peripheral arteries: a real-world safety analysis

E. Freisinger, J. Koeppe, J. Gerss, D. Goerlich, N.M. Malyar, U. Marschall, A. Faldum, and H. Reinecke

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Editorial

The paclitaxel story in cardiovascular medicine

I. Baumgartner and M. Schindewolf

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CLINICAL RESEARCH

Interventional cardiology

Validation of high bleeding risk criteria and definition as proposed by the academic research consortium for high bleeding risk

N. Corpataux, A. Spirito, F. Gragnano, L. Vaisnora, R. Galea, S. Svab, G. Gargiulo, T. Zanchin, C. Zanchin, George C.M. Siontis, F. Praz, J. Lanz, L. Hunziker, S. Stortecky, T. Pilgrim, L. Räber, D. Capodanno, P. Urban, S. Pocock, D. Heg, S. Windecker, and M. Valgimigli

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Isolated risk factor present	Nr of patients N=16380	BARC 3 or 5 (%) events	Cumulative incidence [95% CI]	p-value	
				vs score 0	vs 4%
No criteria (score 0)	n=7464	134	1.90 [1.61 - 2.25]	[Ref.]	<.001
Age ≥75 years (minor)	n=1804	75	4.33 [3.62 - 5.07]	<.001	0.301
Oral anticoagulation (major)	n=432	11	2.52 [1.40 - 4.50]	0.344	0.048
Chronic kidney disease (minor)	n=522	14	3.10 [1.85 - 5.19]	0.081	0.272
Chronic kidney disease (major)	n=40	4	10.97 [4.25 - 28.74]	<.001	0.180
Hemoglobin (minor)	n=708	23	3.53 [2.36 - 5.27]	0.005	0.517
Hemoglobin (major)	n=125	10	8.89 [4.88 - 15.93]	<.001	0.058
Prior bleeding (minor)	n=4	0			
Prior bleeding (major)	n=28	1	3.85 [0.35 - 24.31]	0.468	0.987
Thrombocytopenia (major)	n=45	7	16.27 [8.09 - 31.19]	0.000	0.030
Chronic Bleeding Diathesis (major)	n=2	1	50.00 [3.06 - 99.40]	0.018	0.193
Liver Cirrhosis with portal hypertension (major)	n=5	1	20.00 [3.06 - 99.40]	0.018	0.371
Long-term use NSAIDs or Steroids (minor)	n=196	9	4.77 [2.51 - 8.97]	0.005	0.619
Active malignancy (major)	n=78	6	10.83 [5.57 - 20.50]	<.001	0.059
Prior Stroke (minor)	n=130	2	1.65 [0.42 - 6.45]	0.832	0.043
Prior Stroke (major)	n=99	2	2.19 [0.55 - 8.46]	0.865	0.235
Surgery or Trauma within 30 days (major)	n=47	5	11.06 [4.75 - 24.61]	0.000	0.131

Editorial

Towards a better standard for defining high bleeding risk patients: can we now translate this into a better practice?

G. Marquis-Gravel and E. Magnus Ohman

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STATE OF THE ART REVIEW

Interventional cardiology

Prevention and treatment of pulmonary congestion in patients undergoing venoarterial extracorporeal membrane oxygenation for cardiogenic shock

E. Lüsebrink, M. Orban, D. Kupka, C. Scherer, C. Hagl, S. Zimmer, P. Luedike, H. Thiele, D. Westermann, S. Massberg, A. Schäfer, and M. Orban

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One vs. two-stent strategy for bifurcation lesions: the eternal saga

A. Mangieri and A. Colombo

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In the face of cunning enemy: DK crush writes legend

S.-L. Chen

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CARDIOVASCULAR FLASHLIGHT

Transcatheter mitral valve replacement after transcatheter direct annuloplasty with Cardioband
A. Pozzoli, M. Gavazzoni, F. Maisano, and M. Taramasso

Transcatheter edge-to-edge repair for tricuspid regurgitation in Barlow-type tricuspid valve prolapse
L. Khor, L.A. Simmons, R.S. Von Bardeleben, and M.K. Ng

Mitral valve surgery after MitraClip® implantation: what histopathology can tell us?
M.O. Schmiady, M. Taramasso, F. Maisano, and M. Sigler

Unfolding of unexpected and extreme transcatheter aortic valve distortion
G. Tarantini, F. Cardaioli, A. Pavei, and T. Fabris

CORRIGENDUM

Corrigendum to: ESC core curriculum for the cardiologist

Corrigendum to: Paclitaxel-coated balloon angioplasty vs. drug-eluting stenting for the treatment of coronary in-stent restenosis: a comprehensive, collaborative, individual patient data meta-analysis of 10 randomized clinical trials (DAEDALUS study)

EXPRESSION OF CONCERN

Expression of concern

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