

ISSUE @ A GLANCE



Coronary artery disease: risk factors, haemodynamic significance, anatomic complexity, and platelet lipidome

T.F. Lüscher

1939

CardioPulse

Third Postgraduate Course in Heart Failure

R. Amstein

1943

Russian Cardiovascular Days 2017

E. Shlyakhto

1945

Mekhman N Mamedov MD PhD

M. Nicholls

1947

International Heart & Vascular Disease Journal

M.N. Mamedov

1948

The B-CARD

J.C. Deslandes

1949

CURRENT OPINION

Position paper of the European Society of Cardiology-working group of coronary pathophysiology and microcirculation: obesity and heart disease

L. Badimon, R. Bugiardini, E. Cenko, J. Cubedo, M. Dorobantu, D.J. Duncker, R. Estruch, D. Milicic, D. Tousoulis, Z. Vasiljevic, G. Vilahur, C. de Wit, and A. Koller

1951

REVIEW

Clinical update

Fractional flow reserve to guide and to assess coronary artery bypass grafting

M. Pellicano, B. De Bruyne, G.G. Toth, F. Casselman, W. Wijns, and E. Barbato

1959

CLINICAL RESEARCH

Coronary artery disease

DEATH / MI / STROKE	n		Event rate (%)		HR (95%CI), p value	p value for Interaction
	PCI	CABG	PCI	CABG		
Gender						
Female	161	141	19.9%	18.4%	1.03 (0.61 to 1.73), p=0.91	0.58
Male	376	390	16.5%	13.1%	1.20 (0.86 to 1.81), p=0.24	
Age (years)						
<65	258	225	10.5%	8.9%	1.17 (0.65 to 2.08), p=0.61	0.79
≥65	279	306	24.0%	18.6%	1.27 (0.90 to 1.81), p=0.18	
Renal Failure						
CrCl ≥ 60	380	355	12.9%	12.7%	0.99 (0.66 to 1.48), p=0.96	0.17
CrCl < 60	136	133	29.4%	20.3%	1.54 (0.94 to 2.50), p=0.09	
Ejection fraction						
EF < 50%	89	80	29.2%	17.5%	1.72 (0.90 to 3.29), p=0.1	0.19
EF ≥ 50%	343	360	12.5%	11.9%	1.03 (0.67 to 1.57), p=0.9	
Insulin Treatment						
Yes	119	120	28.6%	18.3%	1.60 (0.94 to 2.74), p=0.09	0.2
No	418	411	14.4%	13.4%	1.04 (0.72 to 1.50), p=0.82	
COPD						
Yes	31	30	35.5%	16.7%	2.29 (0.80 to 6.61), p=0.12	0.18
No	506	501	16.4%	14.4%	1.12 (0.81 to 1.53), p=0.5	
PVD						
Yes	50	46	34.0%	32.6%	1.07 (0.53 to 2.14), p=0.86	0.77
No	487	485	15.8%	12.8%	1.21 (0.87 to 1.69), p=0.26	
SYNTAX score						
0-32	390	369	15.1%	14.9%	0.98 (0.68 to 1.42), p=0.93	0.049
≥33	143	151	24.5%	13.2%	1.92 (1.11 to 3.32), p=0.020	
Cohort						
Left main disease	187	179	15.0%	19.6%	0.80 (0.49 to 1.31), p=0.37	0.044
3-vessel disease	350	352	18.3%	11.9%	1.51 (1.03 to 2.23), p=0.037	
Trial						
SYNTAX	255	256	23.1%	19.5%	1.12 (0.77 to 1.63), p=0.57	0.48
PRECOMBAT	102	90	11.8%	12.2%	0.96 (0.42 to 2.18), p=0.92	
BEST	180	185	12.8%	8.6%	1.53 (0.81 to 2.90), p=0.19	

1.00 Favours PCI Favours CABG

Impact of the SYNTAX scores I and II in patients with diabetes and multivessel coronary disease: a pooled analysis of patient level data from the SYNTAX, PRECOMBAT, and BEST trials

R. Cavalcante, Y. Sotomi, M. Mancone, C. Whan Lee, J.-M. Ahn, Y. Onuma, P.A. Lemos, R.-J. van Geuns, S.-J. Park, and P.W. Serruys

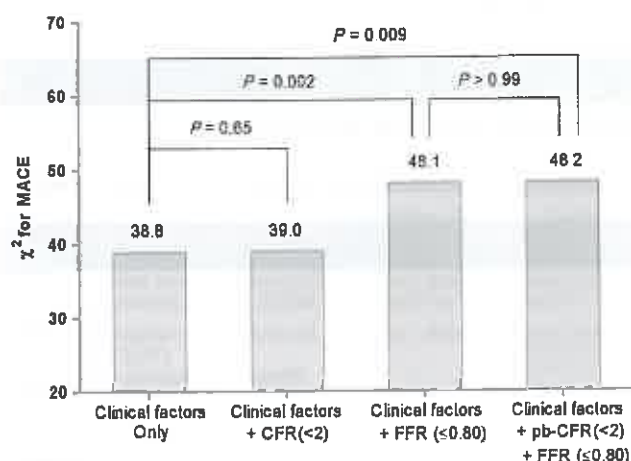
1969

Editorial

SYNTAX scoring: growing stronger

K. Mavromatis and S.B. King

1978



Fractional flow reserve and pressure-bounded coronary flow reserve to predict outcomes in coronary artery disease

J.-M. Ahn, F.M. Zimmermann, N.P. Johnson, E.-S. Shin, B.-K. Koo, P.H. Lee, D.-W. Park, S.-J. Kang, S.-W. Lee, Y.-H. Kim, C.W. Lee, S.-W. Park, N.H.J. Pijls, and S.-J. Park

1980

Editorial

Coronary artery disease: physiology and prognosis

T.J. Ford, D. Corcoran, and C. Berry

1990

Regulation of oxidized platelet lipidome: implications for coronary artery disease

M. Chatterjee, D. Rath, J. Schlotterbeck, J. Rheinlaender, B. Walker-Allgaier, N. Alnaggar, M. Zdanyte, I. Müller, O. Borst, T. Geisler, T.E. Schäffer, M. Lämmerhofer, and M. Gawaz

1993

Editorial

Platelet lipidomics: a window of opportunity to assess cardiovascular risk?

J.D. McFadyen, P.J. Meikle, and K. Peter

2006

Congenital heart disease

Outcome in middle-aged individuals with anomalous origin of the coronary artery from the opposite sinus: a matched cohort study

C. Gräni, D.C. Benz, D.A. Steffen, O.F. Clerc, C. Schmied, M. Possner, J. Vontobel, F. Mikulicic, C. Gebhard, A.P. Pazhenkottil, O. Gaemperli, S. Hurwitz, P.A. Kaufmann, and R.R. Buechel

2009

CARDIOVASCULAR FLASHLIGHTS

Implantation of magnesium-bioresorbable scaffolds in a bifurcation under optical coherence tomography guidance

M.J. Jaguszewski, C. Cortés, and J.L. Gutiérrez-Chico

2017

Life-threatening acute occlusion between interposed graft and left coronary artery after modified Bentall operation

D. Hiraya, T. Hoshi, K. Aonuma, and A. Sato

2019

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