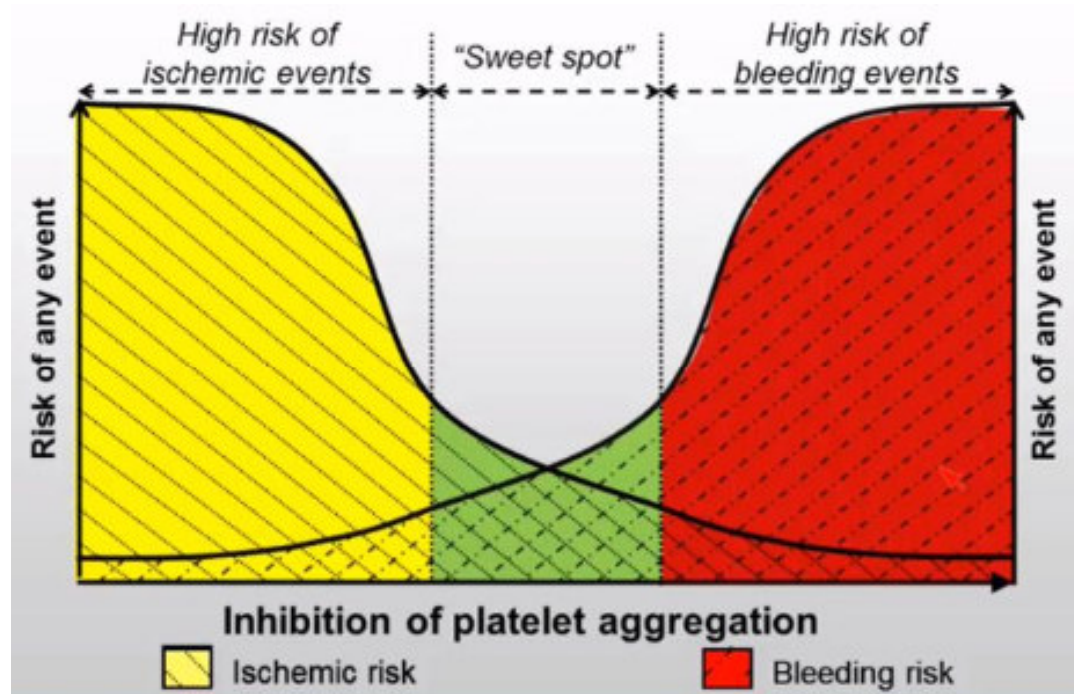


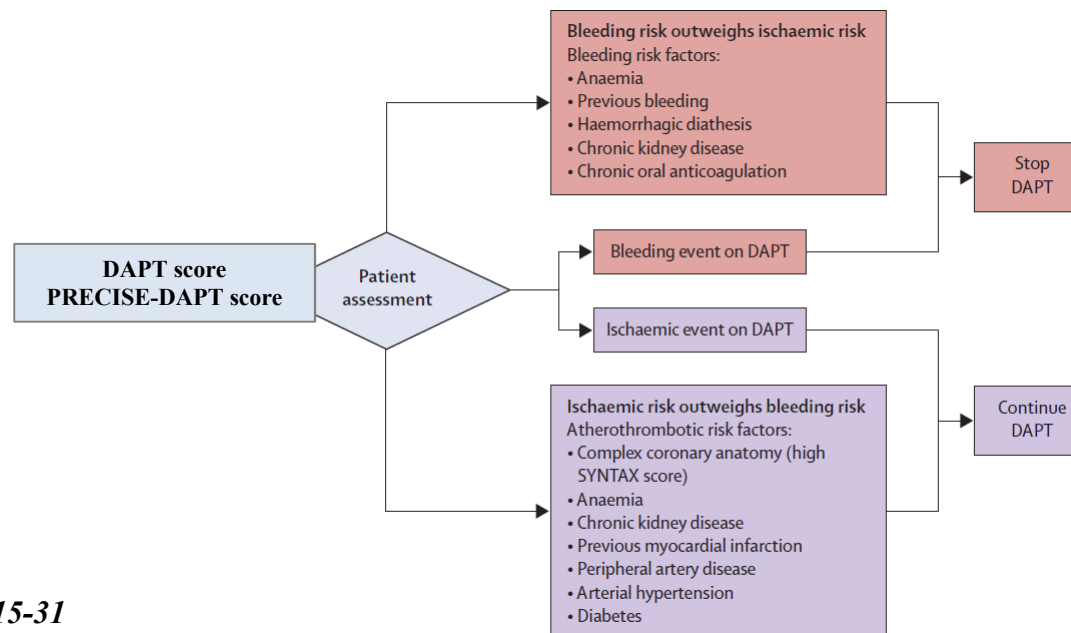
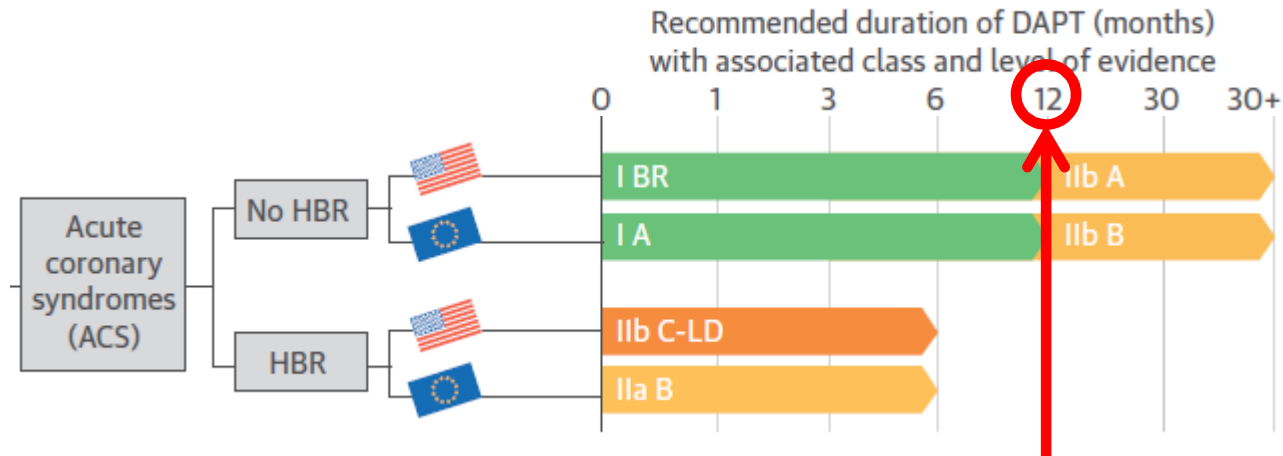
**SEGURIDAD Y EFICACIA DE LAS PAUTAS CORTAS DE DOBLE
ANTIAGREGACIÓN EN EL SÍNDROME CORONARIO AGUDO
TRATADO CON STENT FARMACOACTIVO.**



Introducción



Introducción



Capodanno D et al. JACC 2018;72:2915-31
 Valgimigli L et al. Eur Heart J 2018;39:213-54

1. ESTUDIOS: eficacia y seguridad

2. Equilibrio riesgo isquémico vs sangrado

factores clínicos

factores técnicos

Pautas cortas:

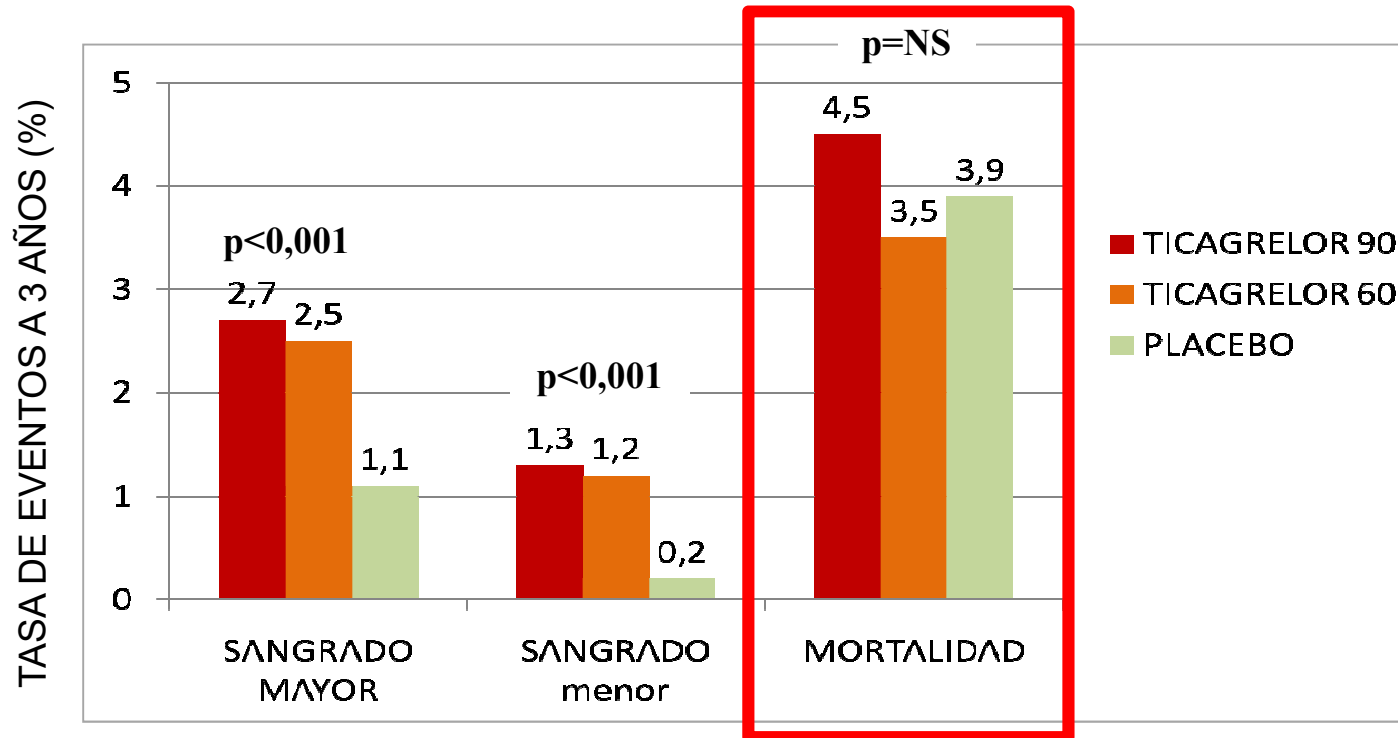
	SCA	DES 2 ^a gen	Duración meses	Objetivo 1 ^o	No inferior	Sangrado Mayor
I LOVE IT2 (2016)	82%	100%	6 vs 12	Muerte + IAM + TLR	+	=
REDUCE (2017)	100%	100%	3 vs 12	Muerte + IAM + TLR + TS + ictus + Sangrado M	+	=
DAPT-STEMI (2017)	100%	100%	6 vs 12	Muerte + IAM + TLR + ictus + Sangrado M	+	=
SMART-DATE (2017)	100%	100%	6 vs 12	Muerte + IAM + ictus	+	=

Pautas prolongadas:

	SCA	DES 2 ^a gen	Duración meses	Objetivo 1 ^o		Sangrado Mayor
PRODIGY (2012)	75%	50%	6 vs 24	Muerte + IAM + ictus	-	↑
DES-LATE (2014)	61%	64%	12 vs 36	Muerte + IAM + ictus	-	↑
DAPT (2014)	43%	60%	12 vs 30	Muerte + IAM + ictus + trombosis stent	+	↑
PEGASUS (2015)	100%	?	12 vs 30	Muerte + IAM + ictus	+	↑

~~MORTALIDAD~~

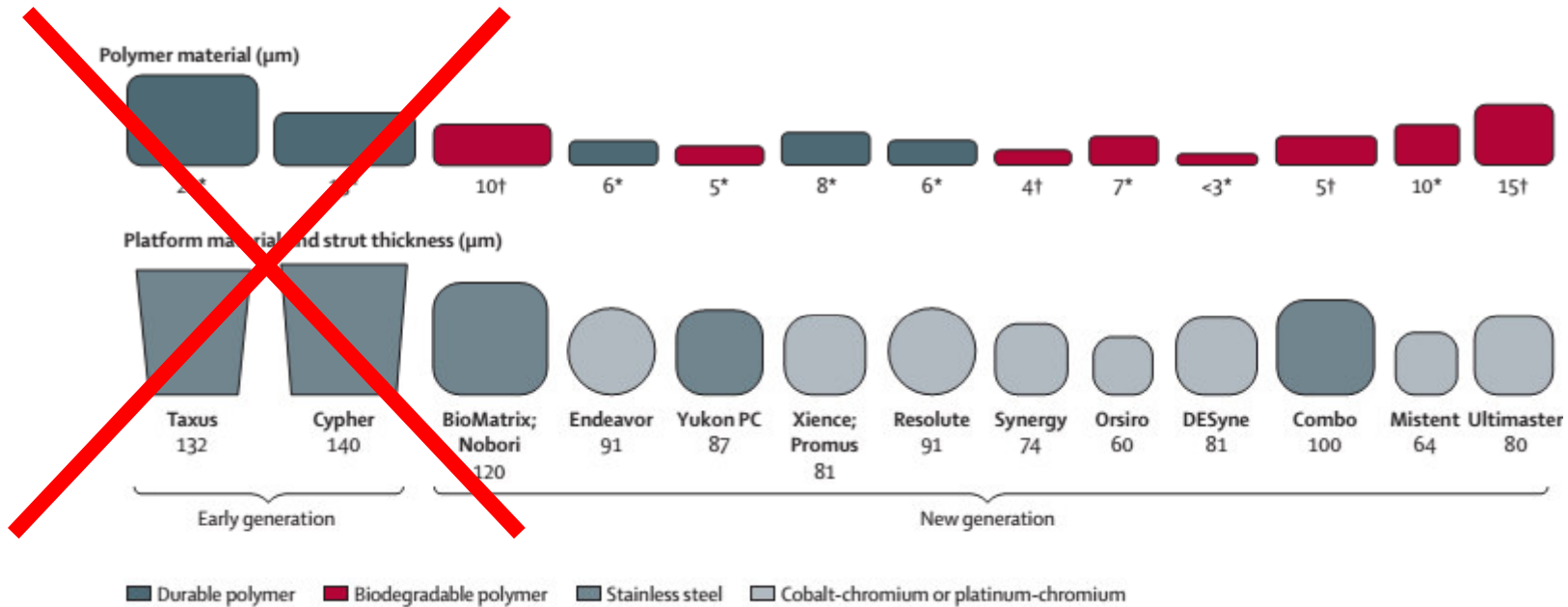
Estudio PEGASUS. Seguridad y tolerancia



	Ticagrelor, 90 mg (N=6988)	Ticagrelor, 60 mg (N=6996)	Placebo (N=6996)	Ticagrelor, 90 mg vs. Placebo	
Dyspnea	1205 (18.93)	981 (15.84)	383 (6.38)	3.55 (3.16–3.98)	<0.001
Event leading to study-drug discontinuation	430 (6.50)	297 (4.55)	51 (0.79)	8.89 (6.65–11.88)	<0.001
Serious adverse event	22 (0.41)	23 (0.45)	9 (0.15)	2.68 (1.24–5.83)	0.01
Renal event	166 (3.30)	173 (3.43)	161 (2.89)	1.17 (0.94–1.46)	0.15
Bradycardia	107 (2.04)	121 (2.32)	106 (1.98)	1.15 (0.88–1.50)	0.31
Gout	115 (2.28)	101 (1.97)	74 (1.51)	1.77 (1.32–2.37)	<0.001

Bonaca MP et al. NEJM 2015;372;1791-1800

Estudios

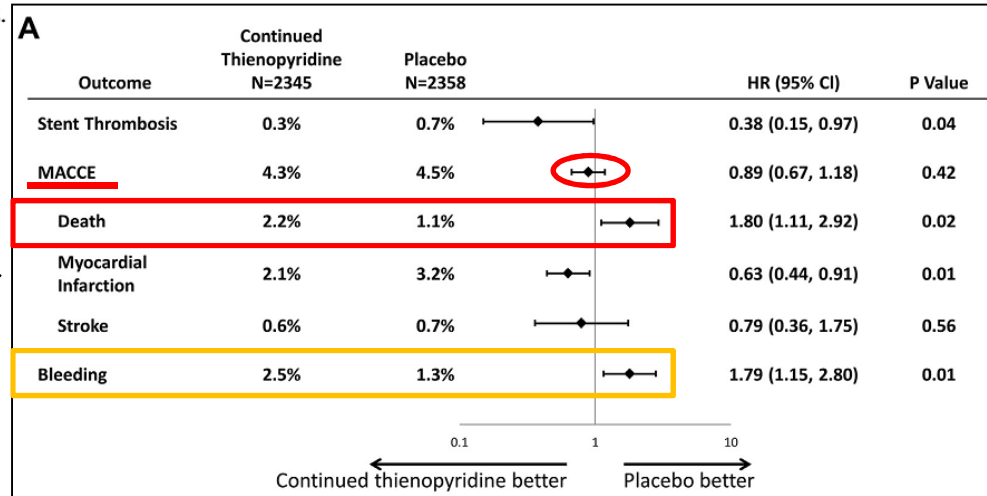


Benefits and Risks of Extended Dual Antiplatelet Therapy After Everolimus-Eluting Stents

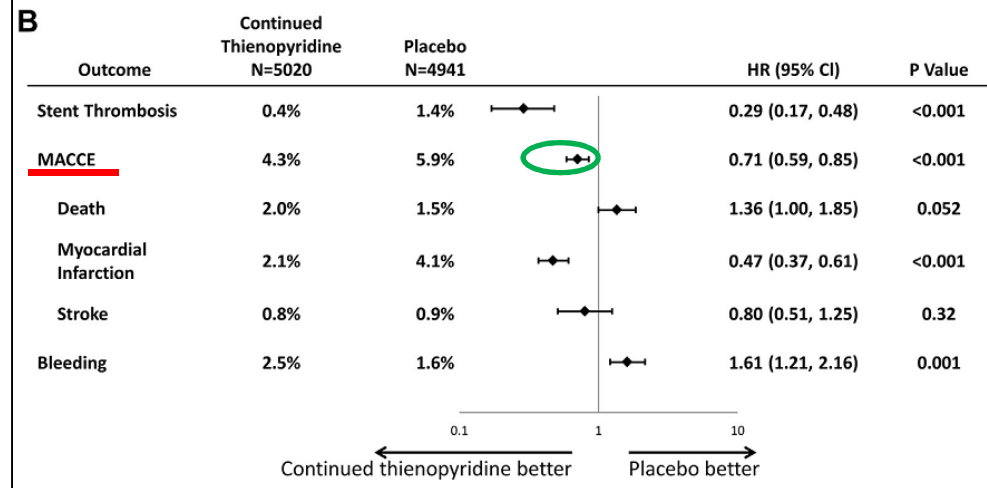
James B. Hermiller, MD,* Mitchell W. Krucoff, MD,† Dean J. Kereiakes, MD,‡ Stephan Windecker, MD,§
 P. Gabriel Steg, MD,||¶ Robert W. Yeh, MD, MSc,##†† David J. Cohen, MD, MSc,‡‡ Donald E.
 Joseph M. Massaro, PhD,†††||| Wen-Hua Hsieh, PhD,‡‡ Laura Mauri, MD, MSc,***††¶¶
 on behalf of the DAPT Study Investigators

Estudio DAPT. *JACC Intv* 2016;9;138-47

DES 2ª generación (EES)
 (60% de los pacientes) →



DES 1ª + 2ª generación
 (Total de los pacientes) →

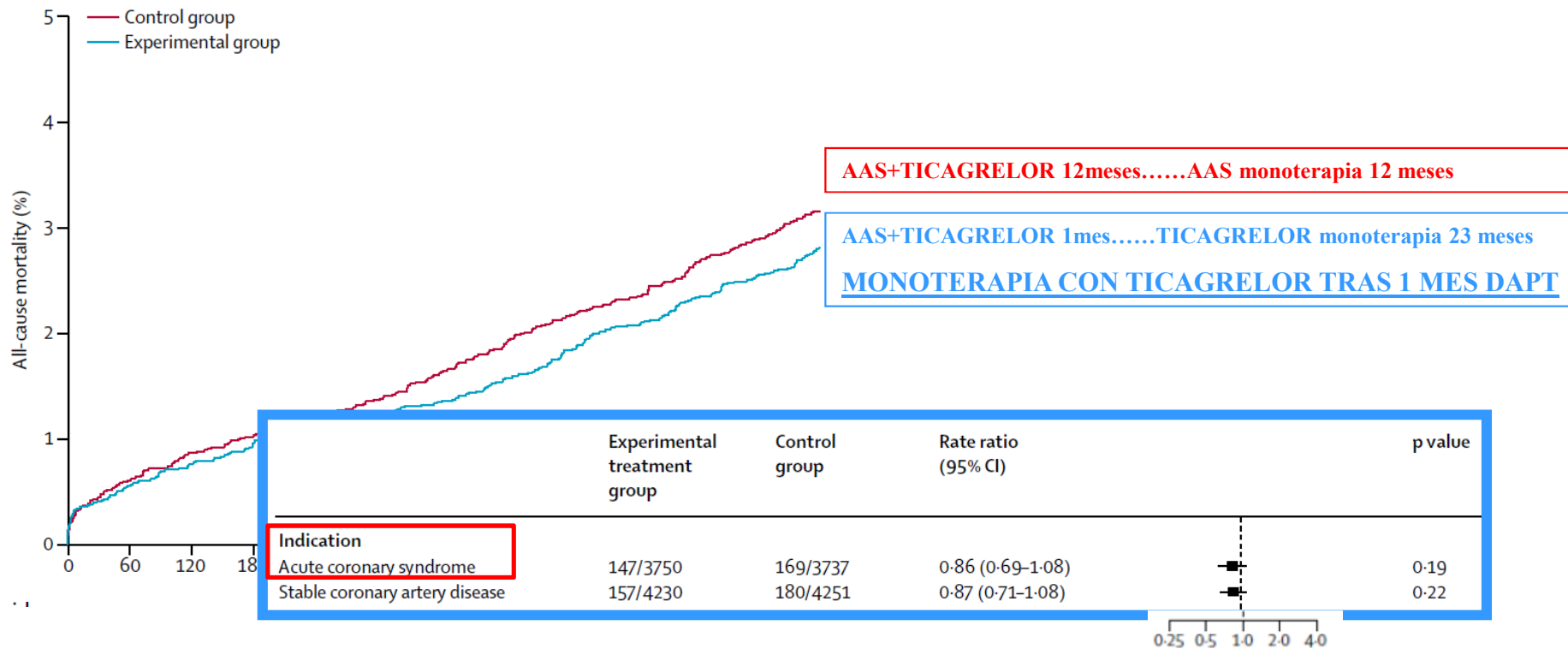


Ticagrelor plus aspirin for 1 month, followed by ticagrelor monotherapy for 23 months vs aspirin plus clopidogrel or ticagrelor for 12 months, followed by aspirin monotherapy for 12 months after implantation of a drug-eluting stent: a multicentre, open-label, randomised superiority trial

Pascal Vranckx*, Marco Valgimigli*, Peter Juni*, Christian Hamm, Philippe Gabriel Steg, Dik Heg, Gerrit Anne van Es, Eugene P McFadden, Yoshinobu Onuma, Cokky van Meijeren, Ply Chichareon, Edouard Benit, Helge Möllmann, Luc Janssens, Maurizio Ferrario, Aris Moschovitis, Aleksander Zurakowski, Marcello Dominici, Robert Jan Van Geuns, Kurt Huber, Ton Slaqboom, Patrick W Serruys, Stephan Windecker, on behalf of

the GLOBAL LEADERS Investigators

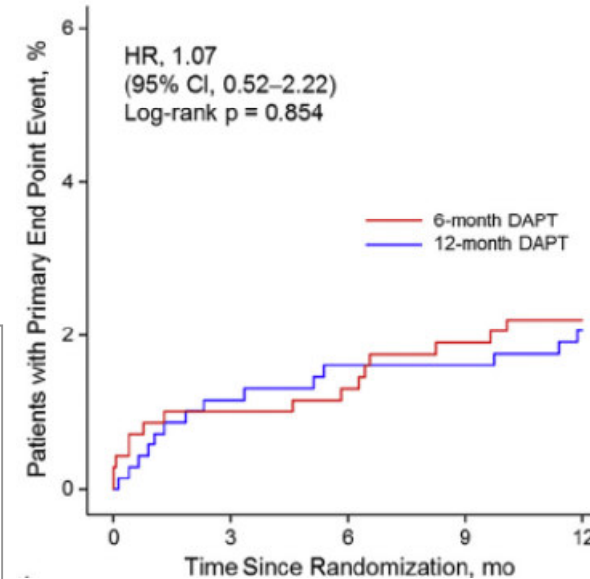
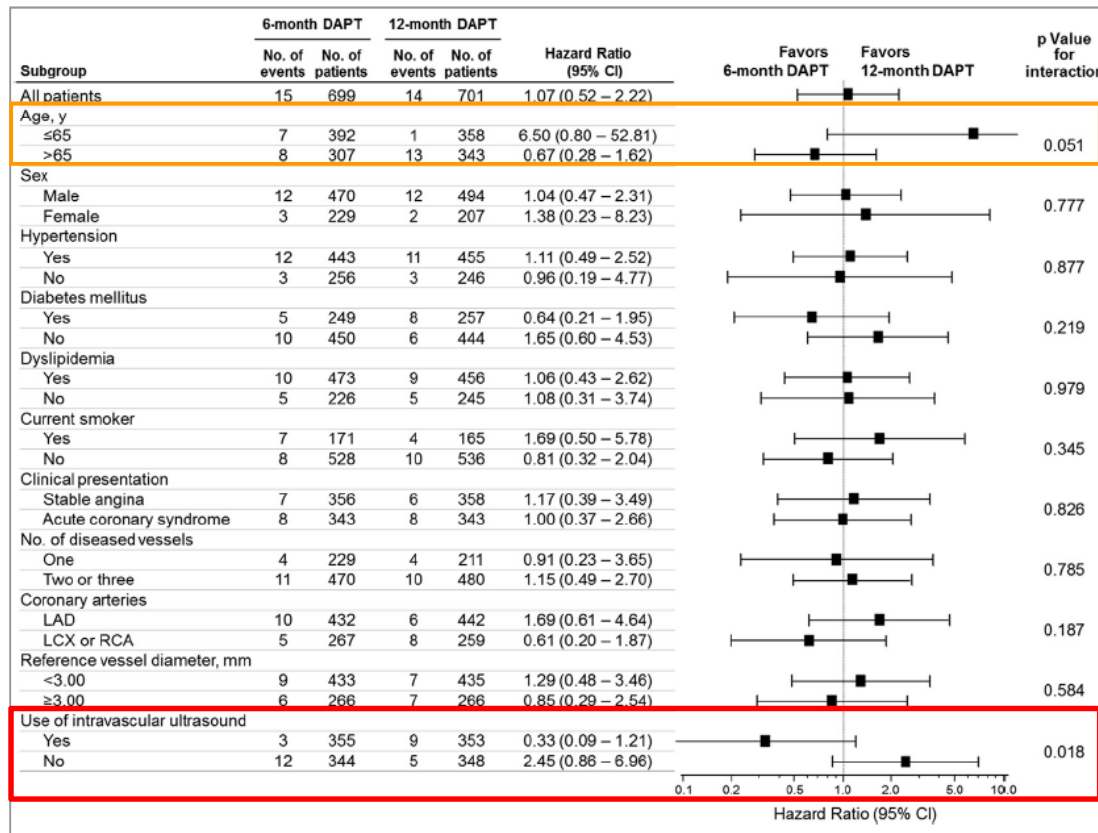
Lancet 2018; 392: 940-49



6-Month Versus 12-Month Dual-Antiplatelet Therapy Following Long Everolimus-Eluting Stent Implantation

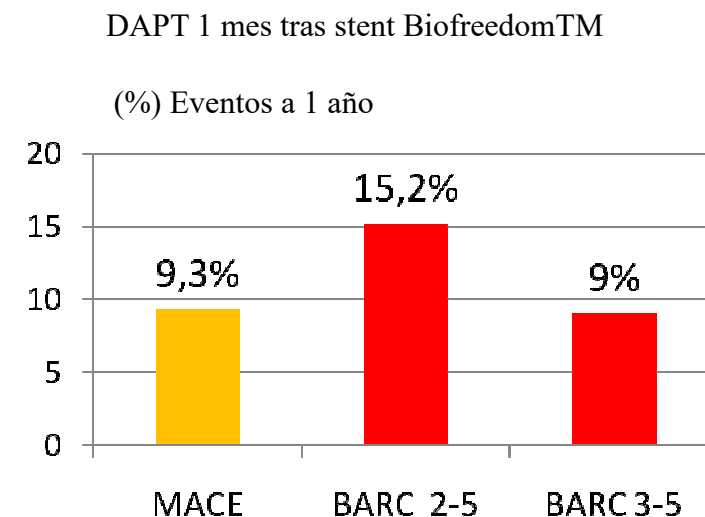
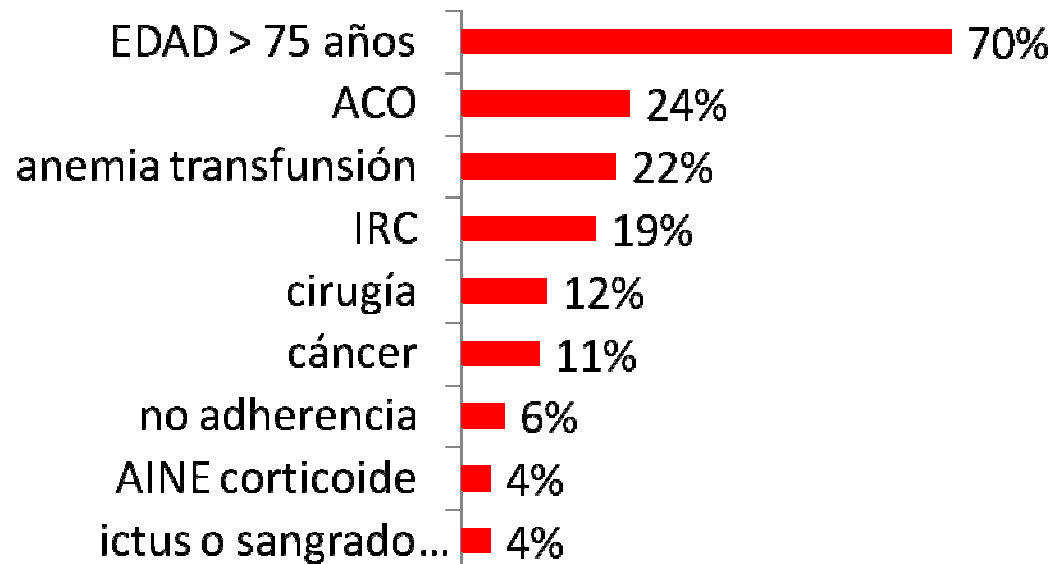
The IVUS-XPL Randomized Clinical Trial

Sung-Jin Hong, MD,^{a,b} Dong-Ho Shin, MD, MPH,^b Jung-Sun Kim, MD,^b Byeong-Keuk Kim, MD,^b Young-Guk Ko, MD,^b Donghoon Choi, MD,^b Ae-Young Her, MD,^c Yong Hoon Kim, MD,^c Yangsoo Jang, MD,^{b,d,e} Myeong-Ki Hong, MD,^{b,d,e} for the IVUS-XPL Investigators *JACC Intv* 2016;9:1438-46

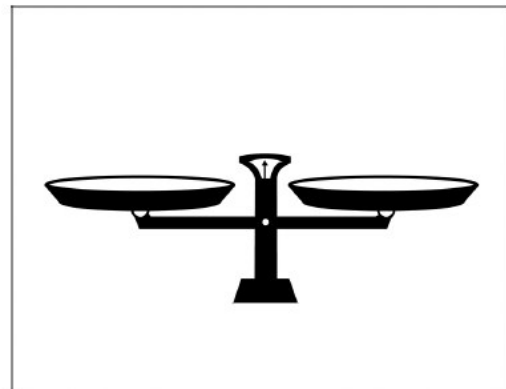
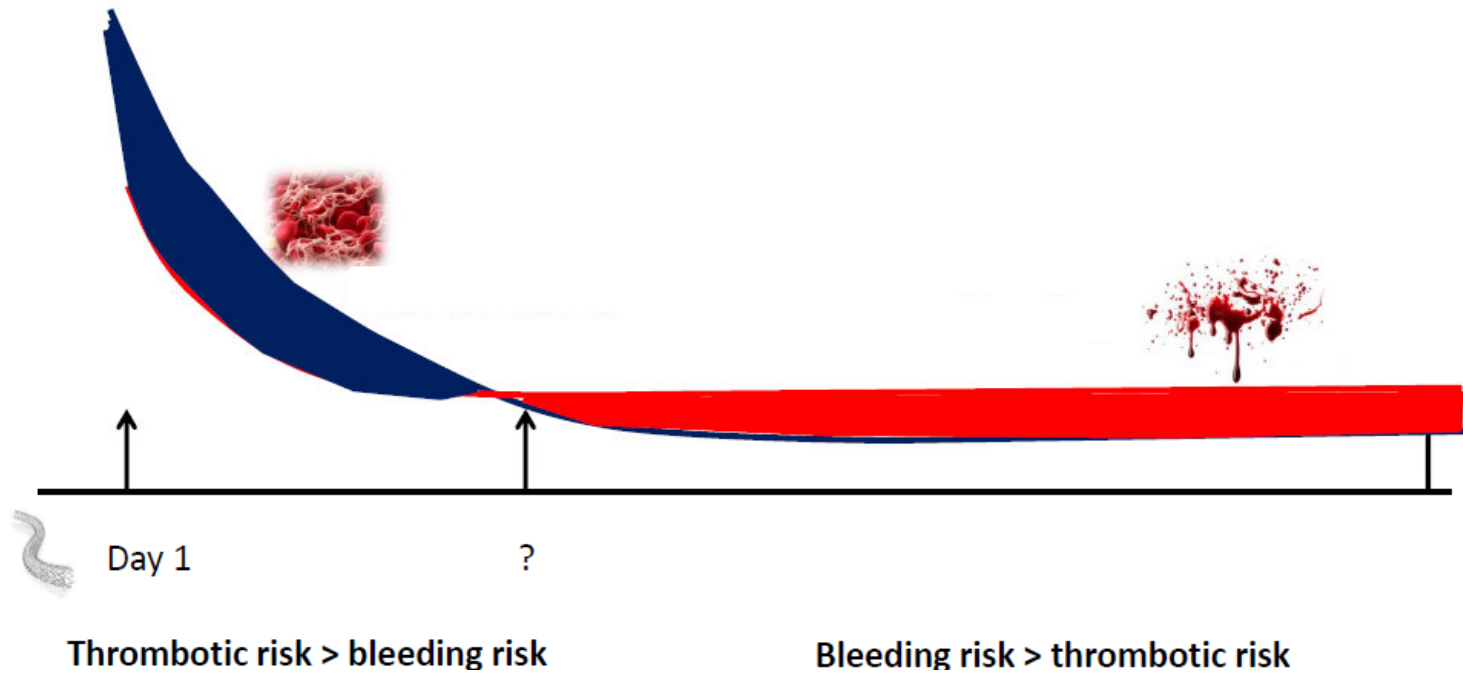


Biolimus-A9 polymer-free coated stent in high bleeding risk patients with acute coronary syndrome: a Leaders Free ACS sub-study

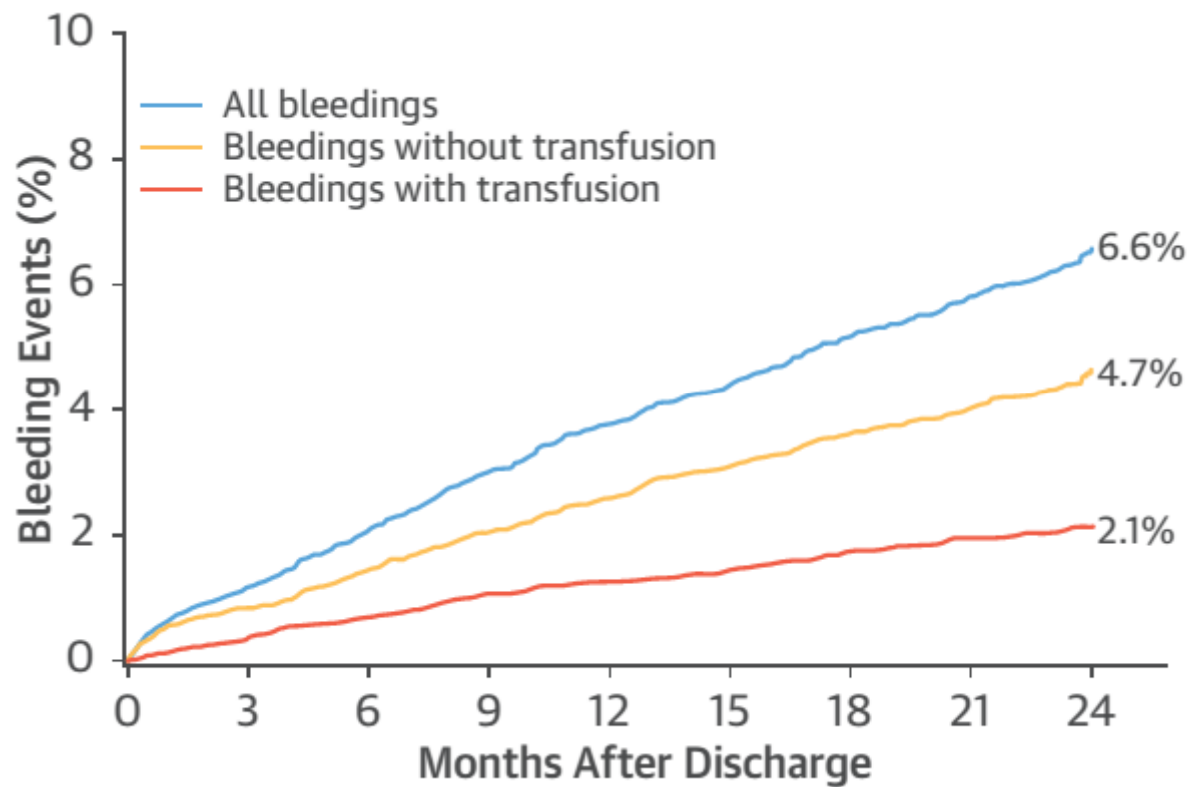
Christoph K. Naber^{1*}, Philip Urban², Paul J. Ong³, Mariano Valdes-Chavarri⁴, Alexandre A. Abizaid⁵, Stuart J. Pocock⁶, Franco Fabbiocchi⁷, Christophe Dubois⁸, Samuel Copt⁹, Samantha Greene⁹, and Marie-Claude Morice¹⁰, for the LEADERS FREE Investigators *European Heart Journal* (2017) **38**, 961–969



Riesgo isquémico vs sangrado



Riesgo isquémico vs sangrado



Riesgo isquémico vs sangrado

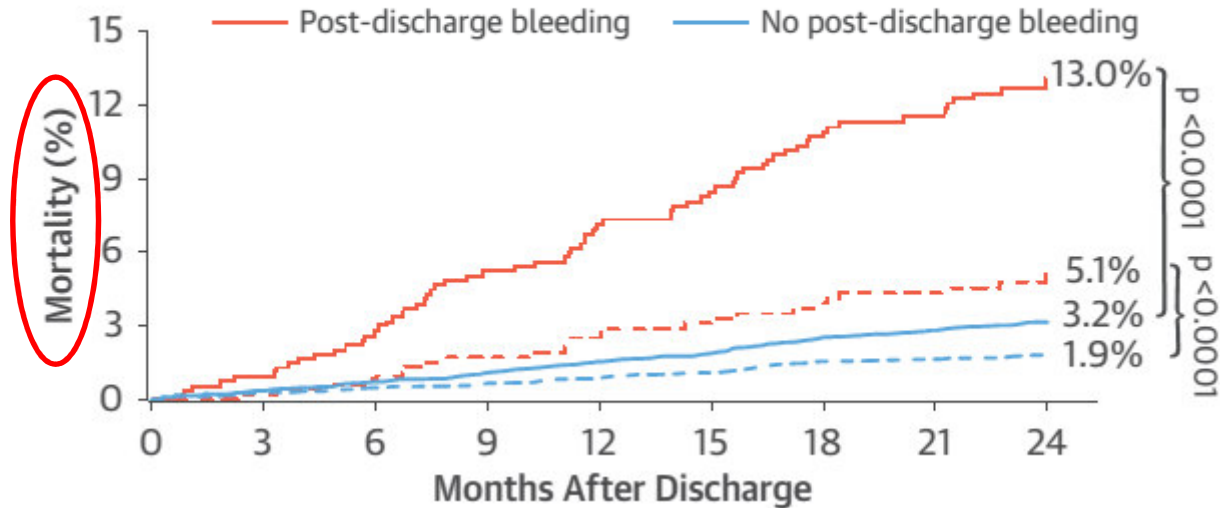
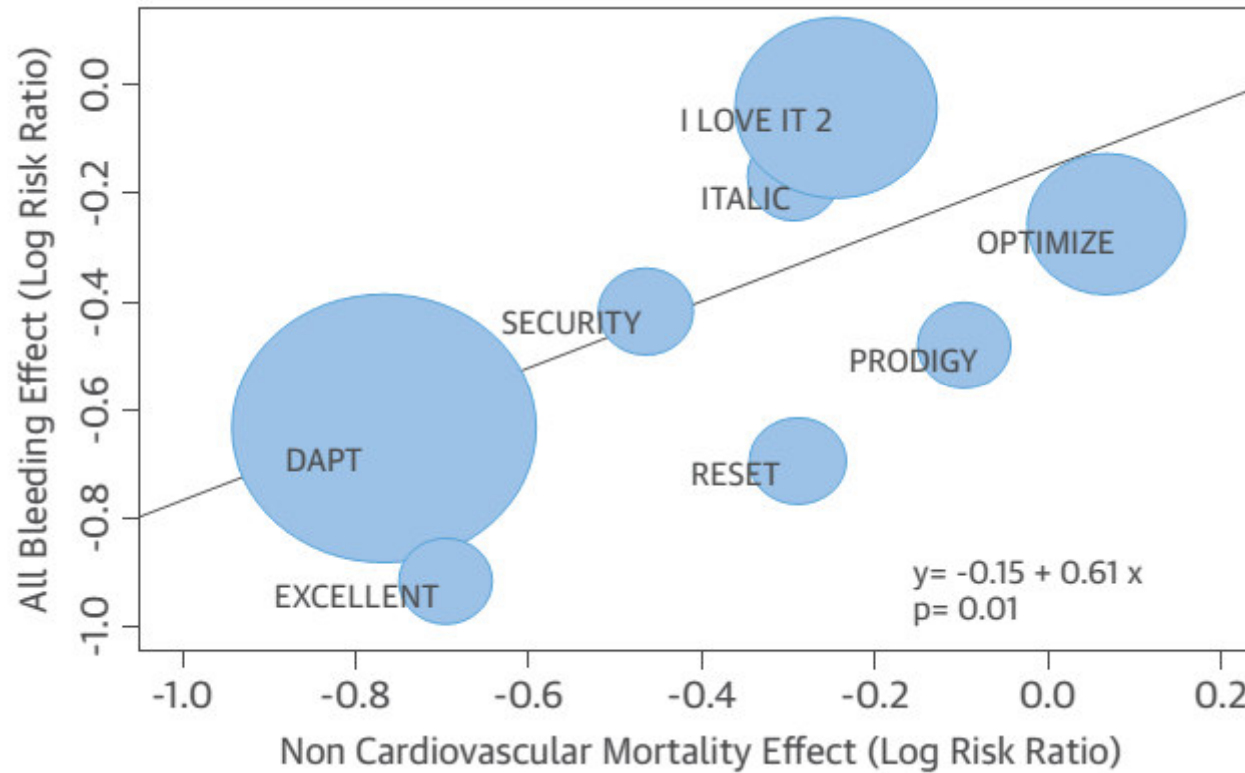


TABLE 4 Independent Predictors of All-Cause Mortality at 2 Years

Variable*	Adjusted HR (95% CI)	p Value
<u>PDB†</u>	5.03 (3.29–7.66)	<u><0.0001</u>
With transfusion	4.71 (2.76–8.03)	<0.0001
Without transfusion	5.27 (3.32–8.35)	<0.0001
<u>Post-discharge MI†</u>	1.92 (1.18–3.12)	<u>0.009</u>

Riesgo isquémico vs sangrado



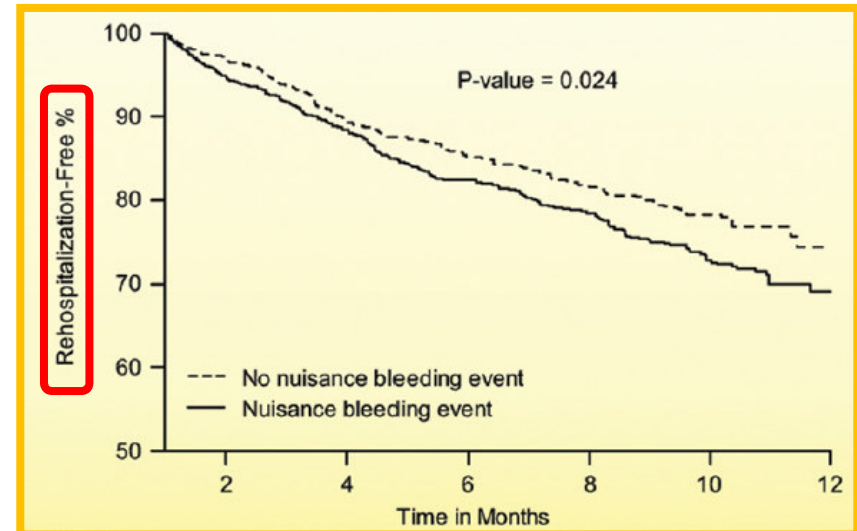
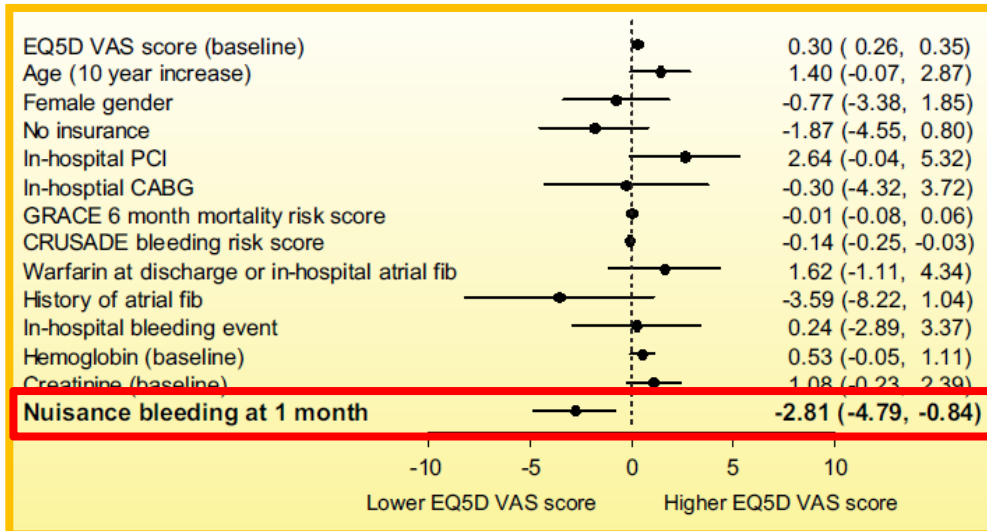
Riesgo isquémico vs sangrado



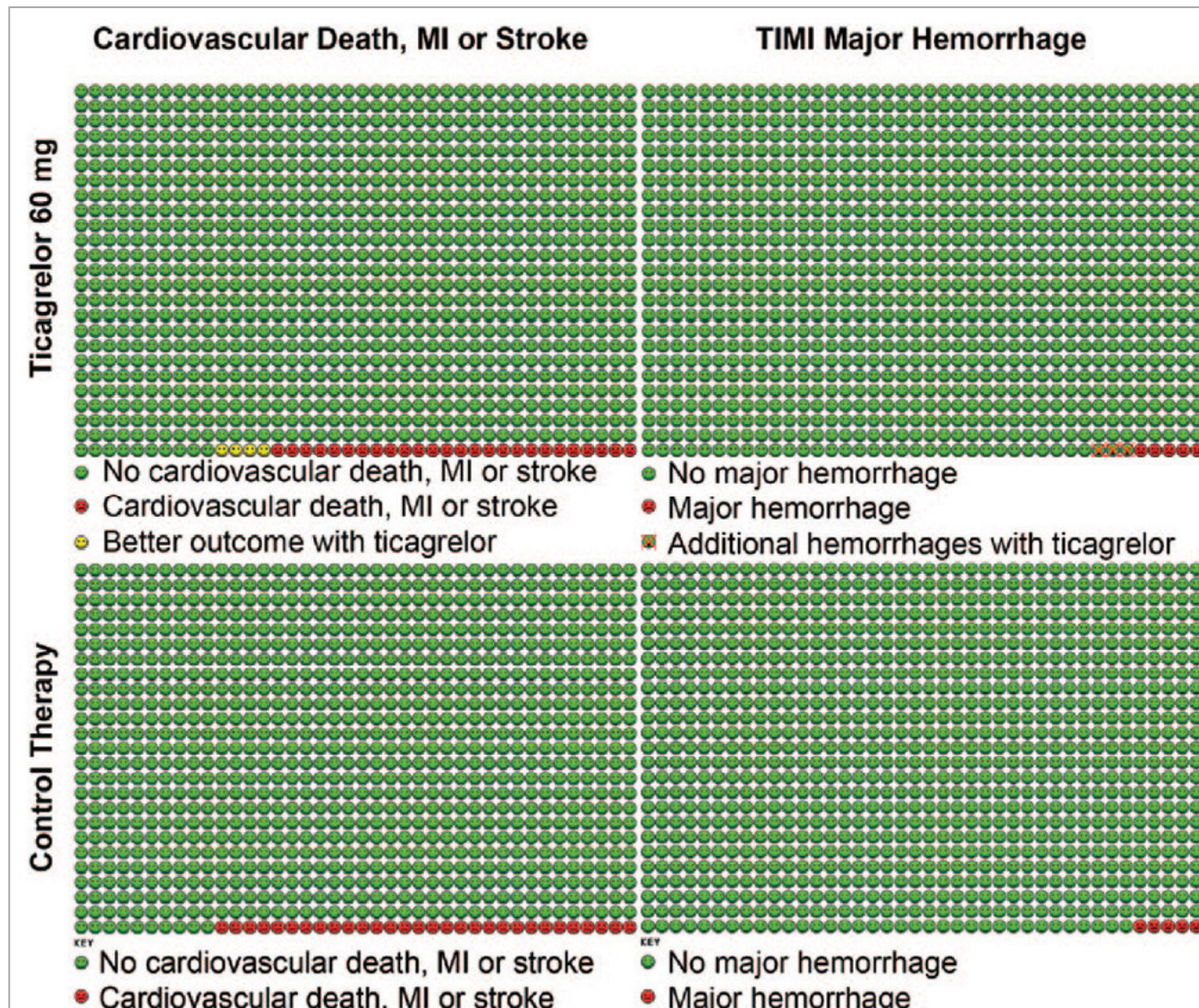
Nuisance Bleeding With Prolonged Dual Antiplatelet Therapy After Acute Myocardial Infarction and its Impact on Health Status

Amit P. Amin, MD, MSc,*† Alok Bachuwar, MD,*† Kimberly J. Reid, MS,‡
 Adnan K. Chhatriwalla, MD,‡§ Adam C. Salisbury, MD, MSc,‡§ Robert W. Yeh, MD, MSc,||
 Mikhail Kosiborod, MD,‡§ Tracy Y. Wang, MD, MHS,¶|| Karen P. Alexander, MD,¶||
 Kensey Gosch, MS,‡ David J. Cohen, MD, MSc,‡§ John A. Spertus, MD, MPH,‡§
 Richard G. Bach, MD*†

JACC 2013;61;2131-38



Riesgo isquémico vs sangrado



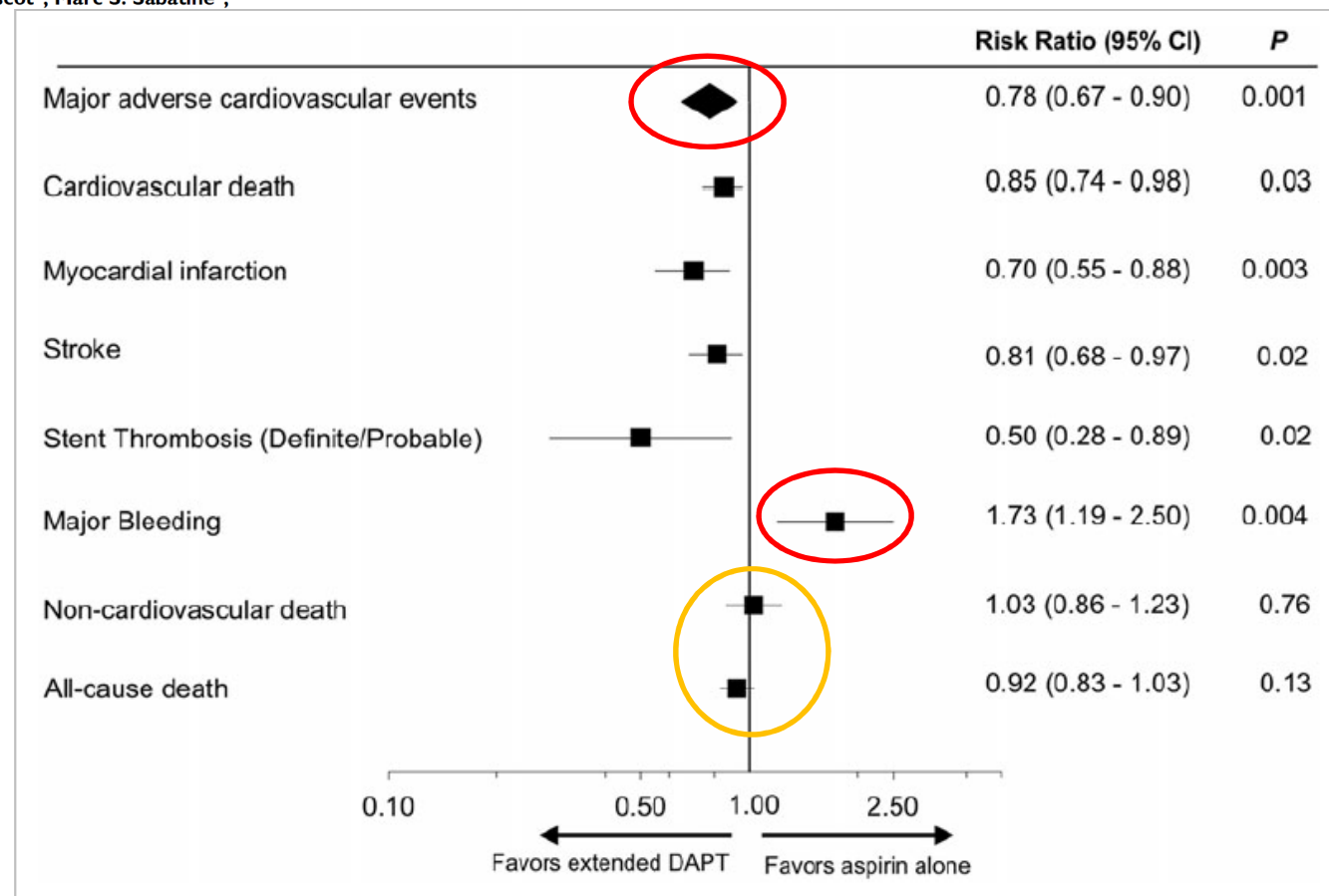
Riesgo isquémico vs sangrado



Long-term dual antiplatelet therapy for secondary prevention of cardiovascular events in the subgroup of patients with previous myocardial infarction: a collaborative meta-analysis of randomized trials

Jacob A. Udell^{1,2*}, Marc P. Bonaca³, Jean-Philippe Collet⁴, A. Michael Lincoff⁵, Dean J. Kereiakes⁶, Francesco Costa⁷, Cheol Whan Lee⁸, Laura Mauri⁹, Marco Valgimigli^{7,10}, Seung-Jung Park⁸, Gilles Montalescot⁴, Marc S. Sabatine³, Eugene Braunwald³, and Deepak L. Bhatt^{3*}

European Heart Journal (2016) 37, 390–399



Conclusiones



- 1. Las pautas cortas de doble antiagregación son seguras y eficaces. No son inferiores a la pauta estándar en cuanto a incidencia de eventos isquémicos, asociándose a tasas similares o menores de sangrado.**
- 2. Las pautas prolongadas de doble antiagregación se asocian a mayores tasas de sangrado, sin beneficios en la mortalidad.**
- 3. La utilización de stents de última generación y la optimización del resultado de la angioplastia con ecografía intracoronaria favorece la utilización de pautas cortas, especialmente en pacientes con alto riesgo de sangrado.**
- 4. El riesgo de sangrado se relaciona con la duración de la doble terapia antiagregante, es continuo en el tiempo y se asocia a mayor mortalidad, equilibrando el beneficio isquémico de las pautas prolongadas.**