

Interventional cardiology

B. De Bruyne (Aalst, BE)



Highlight Session
World Congress of Cardiology 2006
2-6 September - **Barcelona, Spain**



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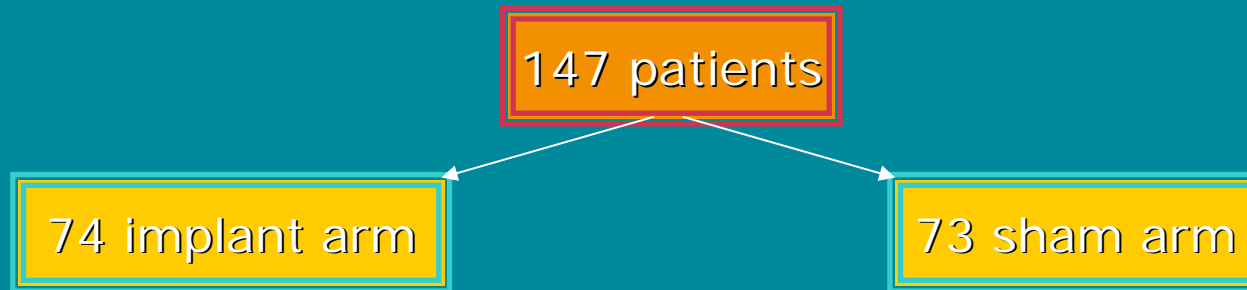
MIST

Effect of PFO closure on migraines

in patients with frequent migraines with aura,
resistant to at least two medications

432 Patients Recruited + CTTE

37.7% of whom had a large PFO



decrease but no cessation of migraines after PFO closure

50% ↓ of
headaches
days

42% ————— P=.038 ————— 23%

M. Mullen, GB, 126



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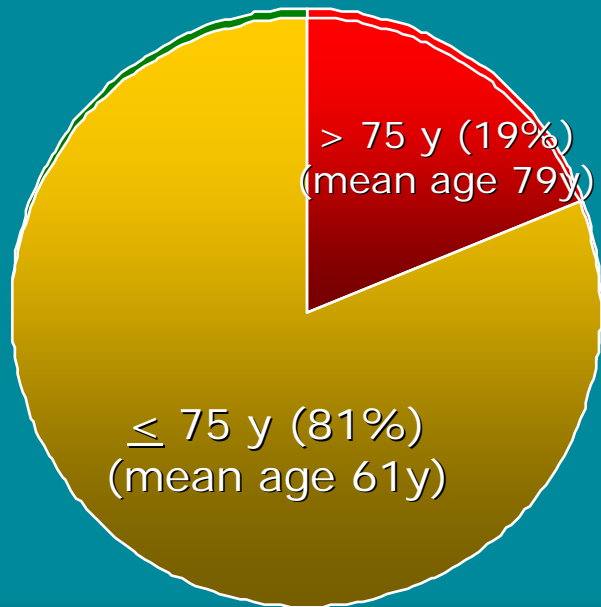


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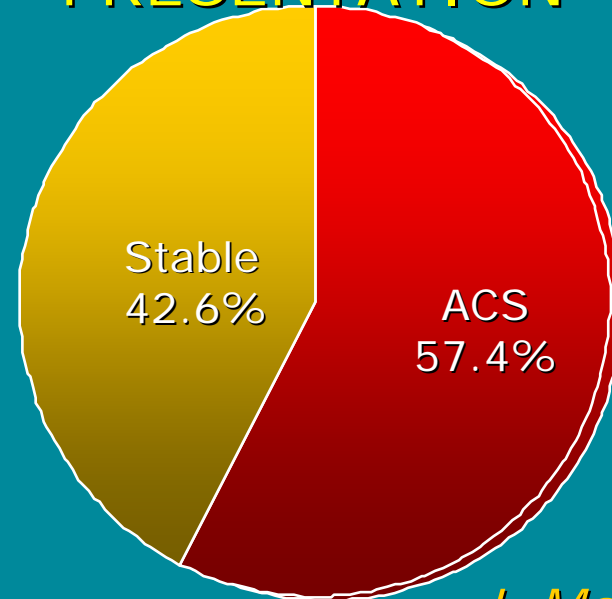
Euro Heart Survey on PCI

- June 2005- January 2006 in 39 ESC member countries
- 13.152 pts undergoing PCI in 134 Centres (61% academic),
- 65% on site surgery, 600 PCI / year

DISEASED AGES



VESSELS CLINICAL PRESENTATION



J. Marco, FR



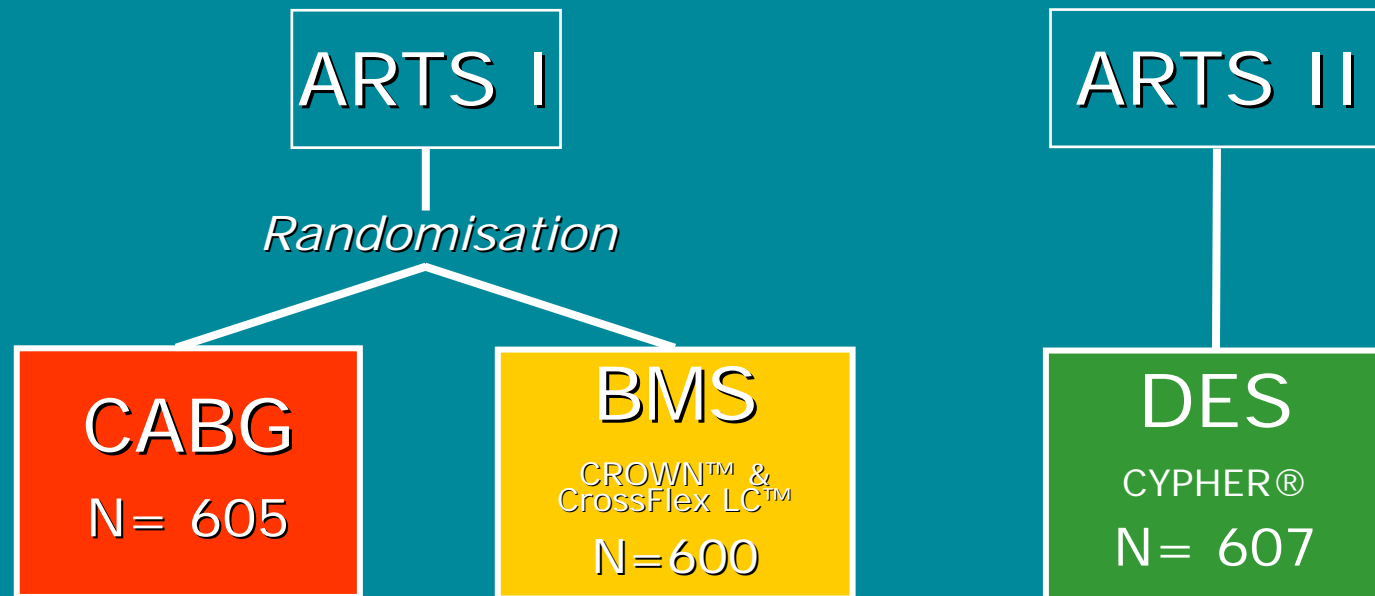
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Influence of age on the outcomes of percutaneous and surgical treatment in patients with MVD

ARTS-trials



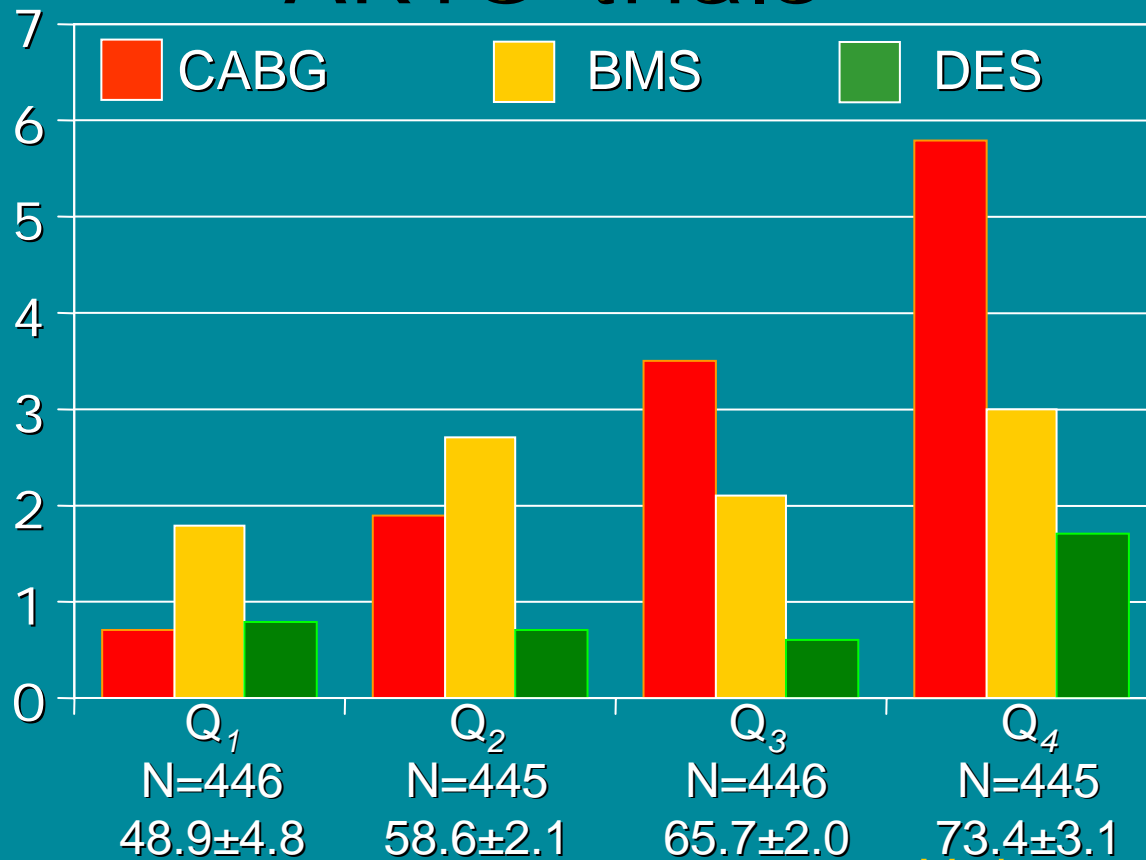
1-Year MORTALITY

V. Legrand, BE P673

Influence of age on the outcomes of percutaneous and surgical treatment in patients with MVD

ARTS-trials

%
Mortality
after
1 year



V. Legrand, BE P673



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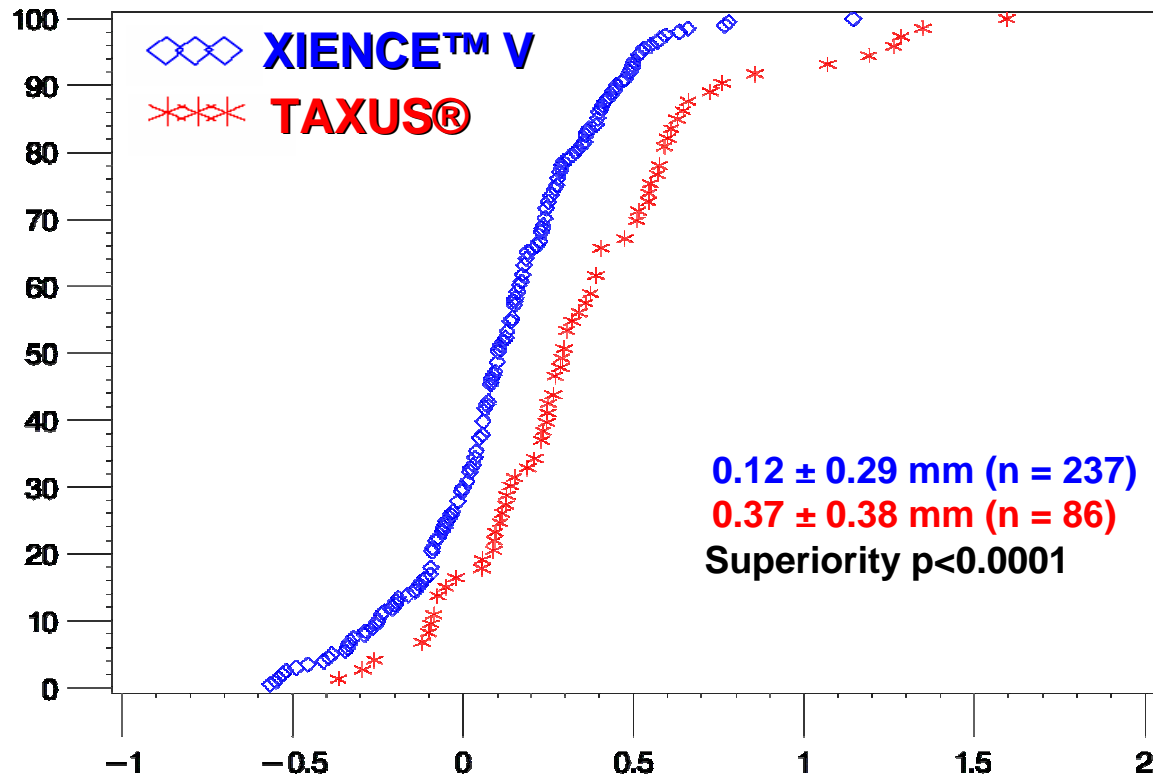


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DES: newcomers

SPIRIT II-trial (Everolimus)

% of lesions



Angiographic in-stent late loss (mm)

P. W. Serruys, NL, 3415



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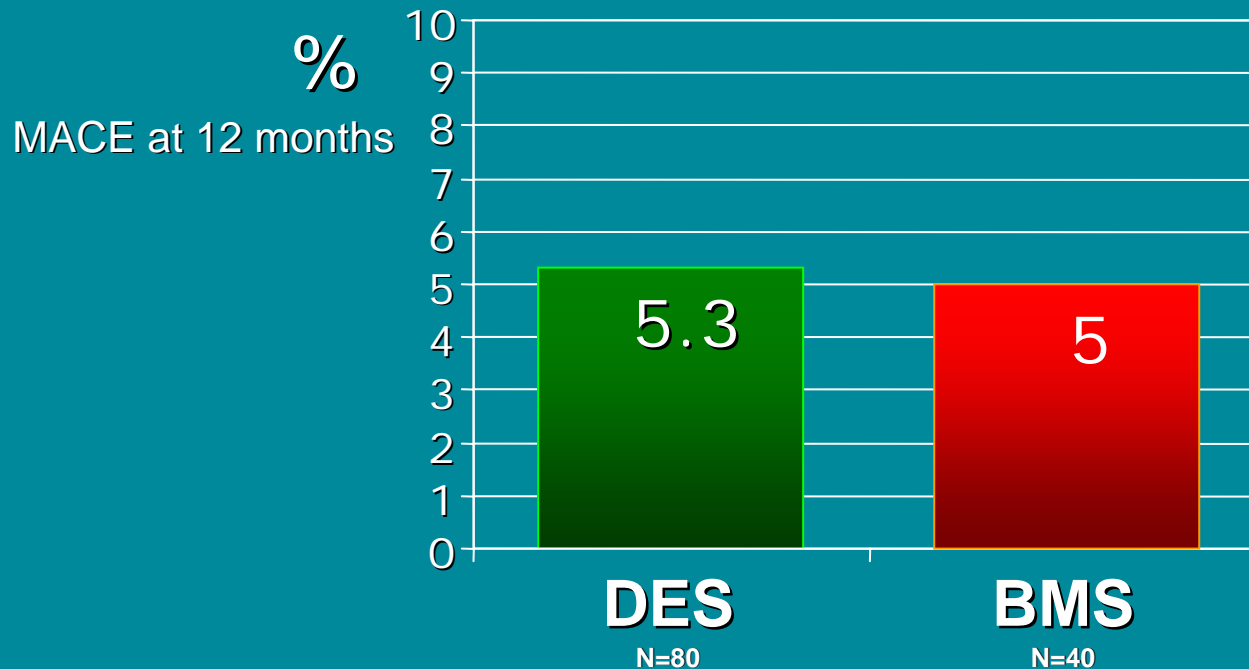


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DES: newcomers

STEALTH (BIOLIMUS A9)

120 patients, Randomised 2:1
BioMatrix (Biolimus A9) vs BMS



E. Grube, GE, 4596



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DES versus BMS: stent selection in “real world” patients:

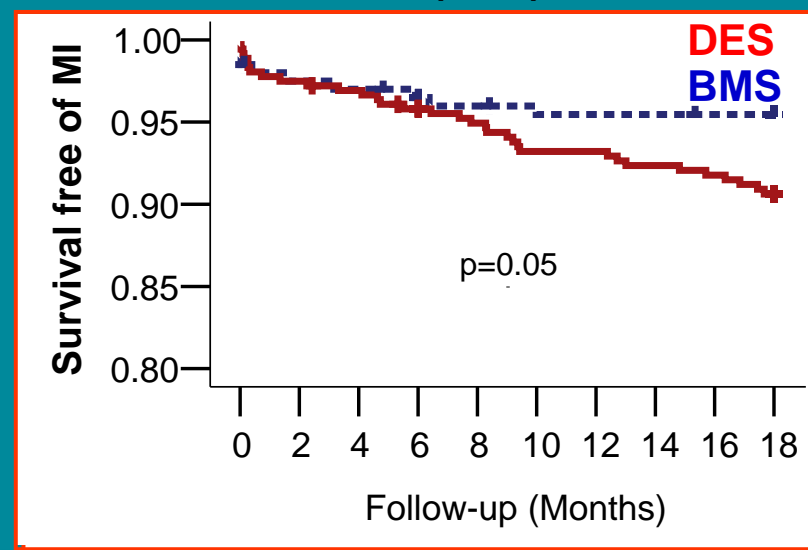
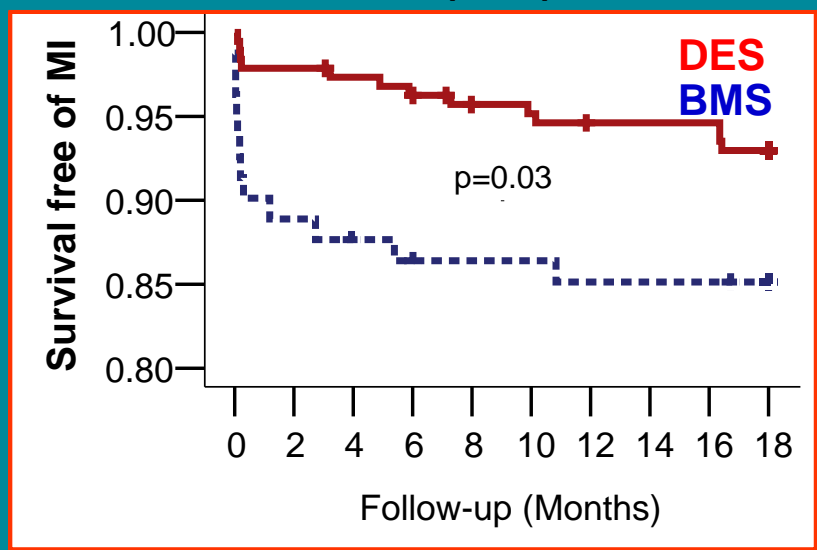
BASKET 18-month update

- Prospective randomised study (DES versus BMS, 2:1)
- 826 of 988 (84%) consecutive patients irrespective of indications for PCI
- MACE (cardiac death, MI, TVR) FU: 18 months

Survival free of MACE

Small vessels/stents or bypass graft PCI
n=268 (32%)

Vessels/stents ≥ 3 mm, no bypass graft PCI
n=558 (68%)



C. Kaiser, GE, 4825

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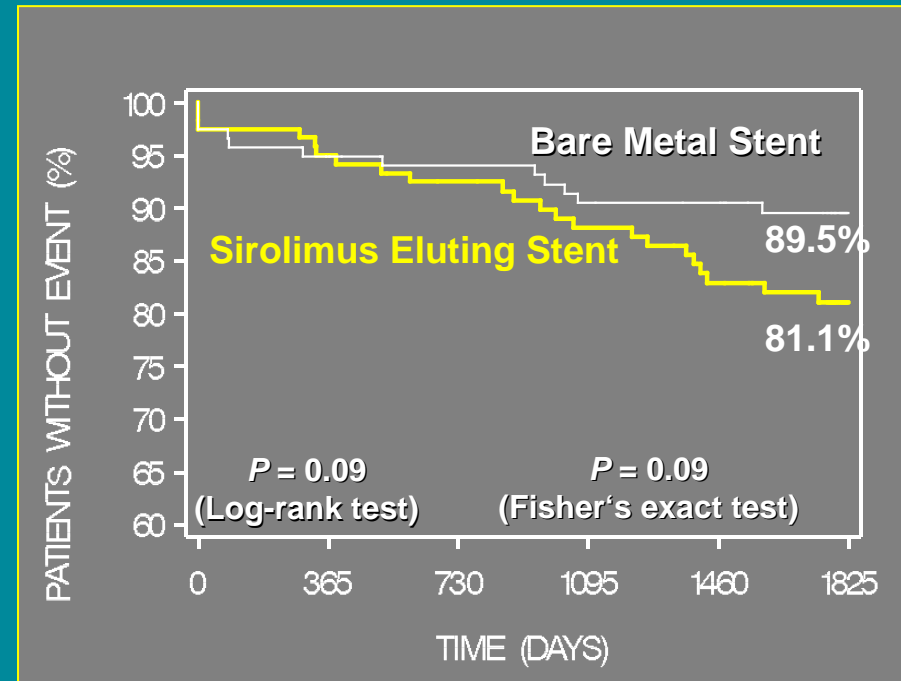
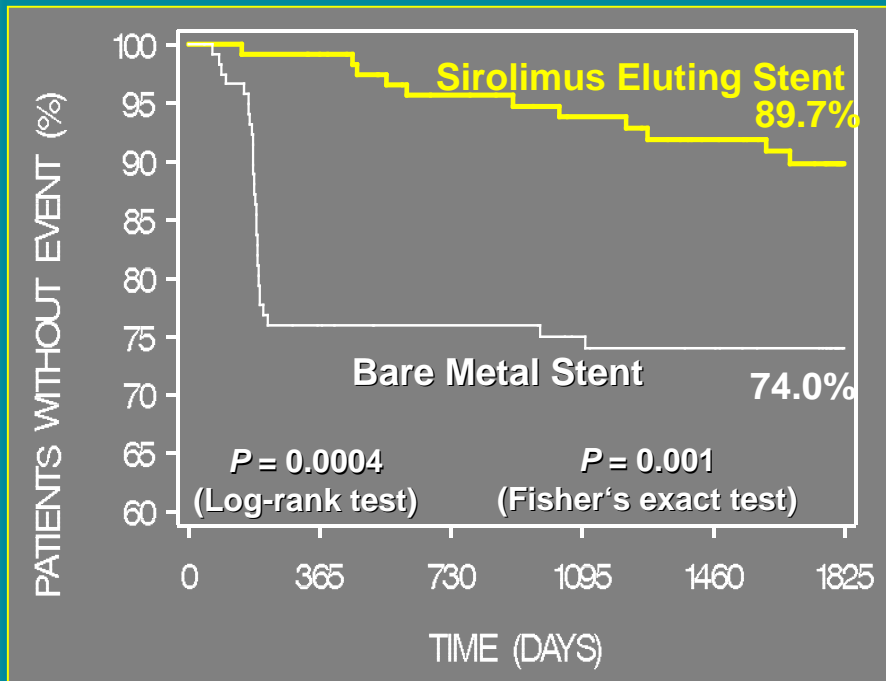
DES versus BMS

RAVEL: 5-year clinical outcome

- Prospective randomised study: SES (n=120) versus BMS (118)
- Angiographic late loss: SES (l=-0.01 mm) versus BMS (l=0.80 mm)

Survival free of target lesion revascularisation

Survival free of death/MI



PW Serruys, NL, 4829

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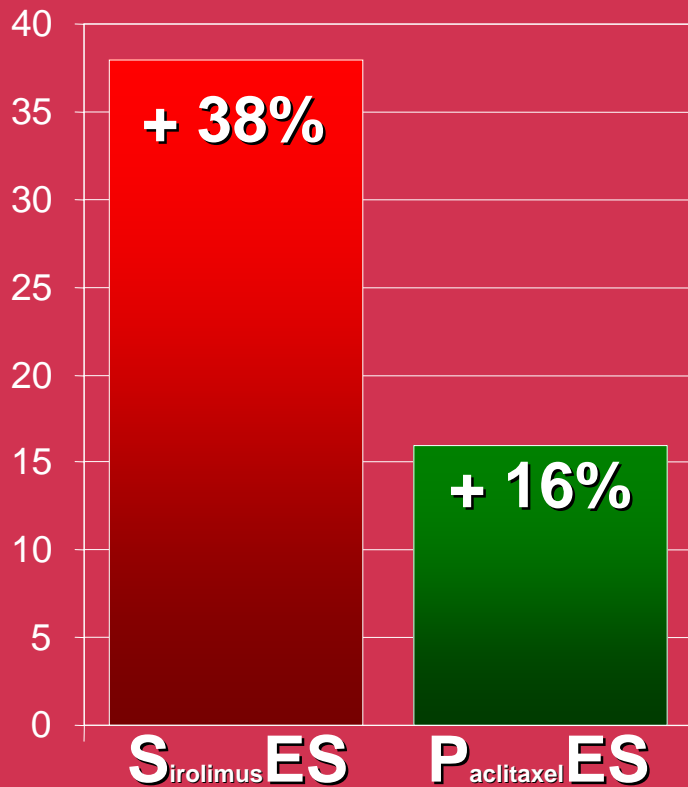
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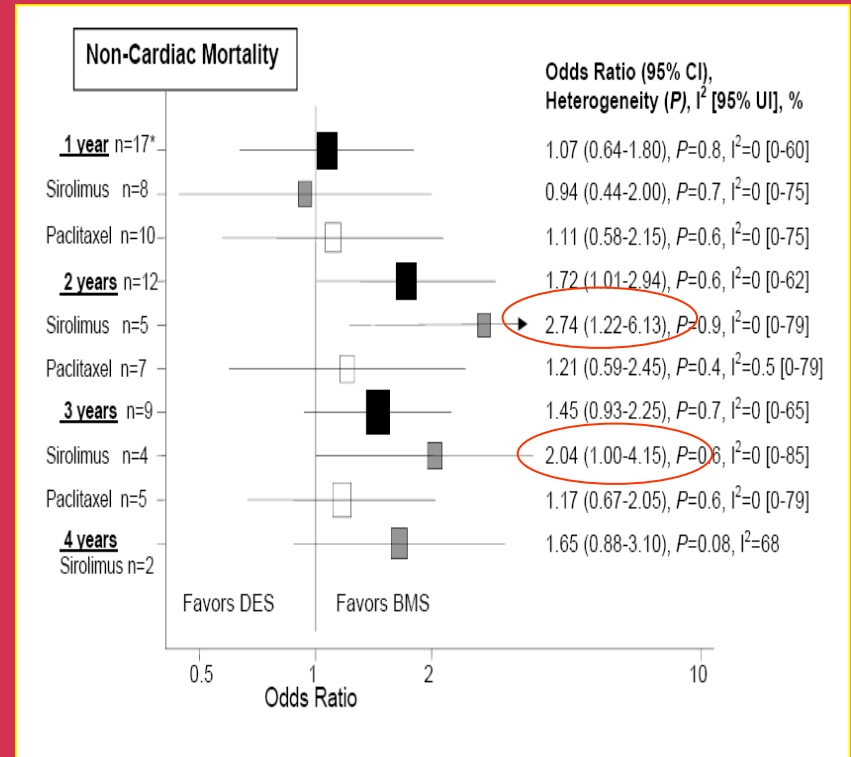
Safety of DES Meta-Analyses

Relative excess death/Q-Wave MI
of 1st generation DES vs BMS (%)



E. Cammenzind, CH, 992

Non-cardiac mortality



A.J. Nordmann, CH, 992

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ESC WG on
Interventional Cardiology

EuroPCR

EAPCI

European Association for Percutaneous Cardiovascular Intervention

The screenshot shows the EuroPCRonline.com website. The header includes the logo and navigation links for Lectures, Clinical Cases, Specific Sessions, Archives, and EuroPCR06. A sidebar on the left lists various topics like MSCT, 2006 HIGHLIGHTS, CTO, CAROTID ANGIOPLASTY, DES IN PERIPHERAL, VULNERABLE PLAQUE, RENAL ANGIOPLASTY, LEFT MAIN PCI, PFO CLOSURE, and 2005 HIGHLIGHTS. The main content area features 'BREAKING NEWS' with a section on 'EUROINTERVENTION ISSUE 6 ONLINE' and 'COLLABORATE EUROPCR07 CONCEPT'. A 'KEY TOPIC FILE MSCT' section includes a poll question: 'How useful are the Key Topics proposed each month on EuroPCRonline?'. The poll options are: Very useful, Useful, Not really useful, and Not useful at all. The website footer mentions 'BOSTON SCIENTIFIC - PROMUS™ Everolimus-Elutina Stent'.

The cover of the EuroIntervention journal, Volume 2, Number 2, August 2006, ISSN 1744-2009. The title 'EuroIntervention' is prominently displayed. Below the title, it states 'Journal of EuroPCR in collaboration with the Working Group on Interventional Cardiology of the European Society of Cardiology'. The cover lists several articles: 'Vein graft protection: the CAPTIVE randomised trial', 'Inoperable valvular heart disease', 'Sirolimus-eluting vs. bare-metal stents for infrapopliteal obstructions', 'The titanium nitride oxide stent: results from two registries', 'Aortic dissection: incidence, management and outcome', 'Edge-to-Edge mitral valve repair without annuloplasty', and 'Combined aortic valve replacement and PCI'. The Editor-in-Chief is Patrick W. Serruys. The cover also features a photograph of a heart and a catheter.

The announcement for EuroPCR07, held at the Centre de Convencions Internacional de Barcelona (CCIB) from May 22nd to 25th, 2007. The text includes the EuroPCR07 logo and the location 'Barcelona 22nd-25th May, 2007'. The bottom of the announcement states 'First Announcement'.

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European Association for Percutaneous Cardiovascular Intervention

Mission

To reduce the burden of cardiovascular disease in Europe
through percutaneous cardiovascular interventions



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