Disclosures for W Wijns, MD, PhD

- Consulting Fees: on my behalf go to the Cardiovascular Research Center Aalst
- Contracted Research between the Cardiovascular Research Center Aalst and several pharmaceutical and device companies
- Ownership Interest: Cardiovascular Research Center Aalst is co-founder of Cardio³BioSciences (cell-based regeneration cardiovascular therapies)
- Chairman of PCR /EuroPCR, the annual Course of EAPCI

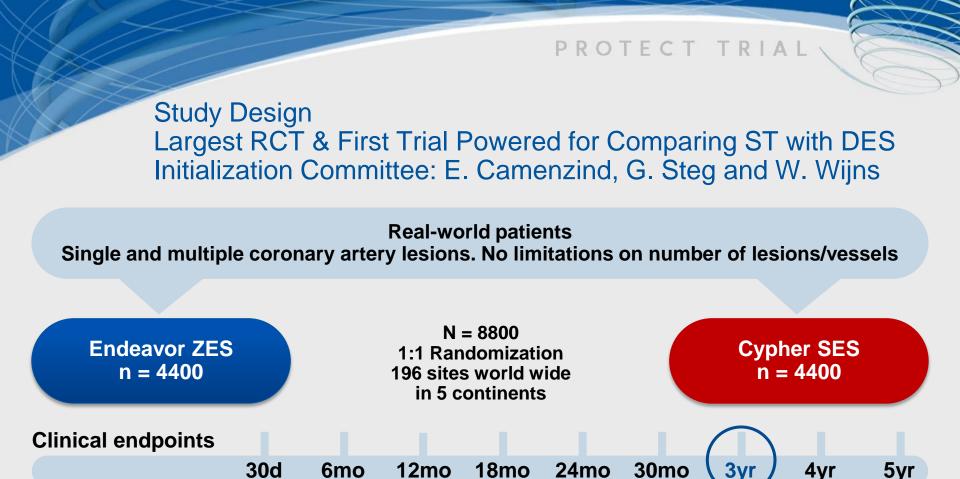


Publication On-line

THE LANCET

Stent thrombosis and major clinical events at 3 years after zotarolimus-eluting or sirolimus-eluting coronary stent implantation: a randomised multicentre open-label controlled trial €

Edoardo Camenzind*, William Wijns, Laura Mauri, Volkhard Kurowski, Keyur Parikh, Runlin Gao, Christoph Bode, John P Greenwood, Eric Boersma, Pascal Vranckx, Eugene McFadden, Patrick W Serruys, William W O'Neil, Brenda Jorissen, Frank Van Leeuwen, Ph Gabriel Steg*, for the PROTECT Steering Committee and Investigators†

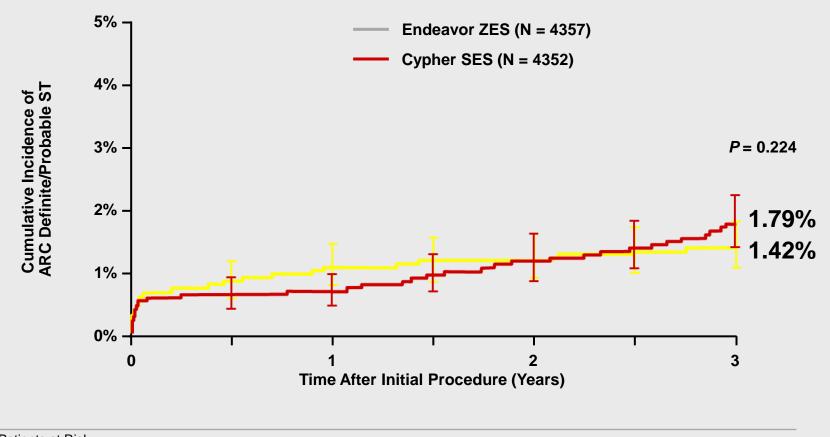


<u>Primary Endpoint:</u> Composite of ARC Definite / Probable Stent Thrombosis at 3yrs <u>Principle Secondary Endpoints:</u>

- Total Death/Large MI
- Total Death/Non-Fatal MI
- Cardiac Death/Large MI
- Cardiac Death/Non-Fatal MI at 3 yrs

Camenzind E, et al. Am Heart J. 2009;158:902-9

Primary Endpoint Definite/Probable Stent Thrombosis to 3 Yrs



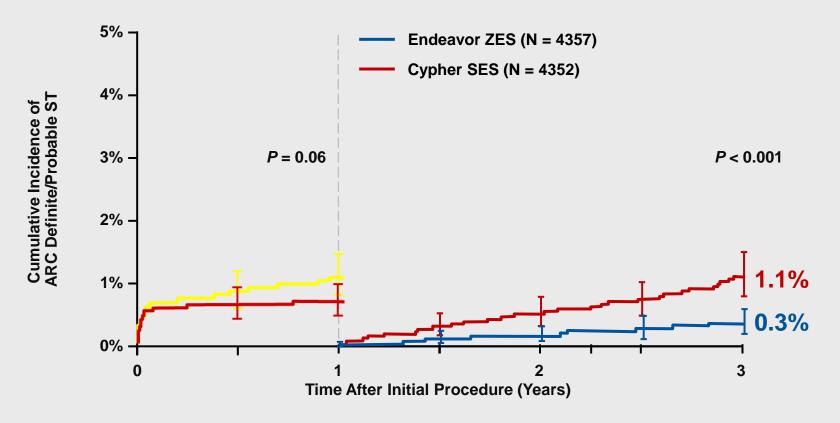
SES	4352	4344	4211	4100
E-ZES	4357	4347	4222	4119
Patients at Risk				

Other Endpoints at 3 Years

%	Endeavor ZES N = 4357	Cypher SES N = 4352	P-value
Total death and large non-fatal MI	5.3	6.0	0.16
Total death and non-fatal MI	7.7	8.4	0.25
Cardiac death and large non-fatal MI	3.7	4.1	0.33
Cardiac death and non-fatal MI	6.2	6.6	0.45
Stroke	1.5	1.4	0.81
Bleeding (TIMI major/ minor/ minimal)	4.7	4.4	0.38
Major	1.8	1.6	0.51
TLR	5.6	3.5	<0.0001
TVR	8.2	7.1	0.03
MACE (death, MI, TLR, emergent CABG)	12.3	10.8	0.02
MACCE (death, MI, TLR, eCABG, Stroke)	13.5	11.8	0.02

All values based on Kaplan-Meier estimates

Definite/Probable Stent Thrombosis Before and After 1 Year



Patients at Risk						
E-ZES	4357	4347	4222	4119		
SES	4352	4344	4211	4100		

- PROTECT trial is the largest prospective randomized head to head DES trial ever presented and demonstrates that:
 - There is no difference in definite or probable ST rates at 3 years between Endeavor ZES and Cypher SES
 - Other clinical safety and efficacy endpoints are also low and sustained out to 3 years
- Time analysis suggests that a difference in ST between groups is emerging over time, emphasizing the importance of continued follow-up
- Large pragmatic trials such as PROTECT are essential to determine differential outcomes between DES and to capture the impact of improved procedural and clinical practice on ST rates over time