

TITAX 12 MONTHS: A PROSPECTIVE, MULTICENTER, RANDOMIZED TRIAL COMPARING B.A.S* (TiTAN2) TO D.E.S* (TAXUS) FOR ACUTE MYOCARDIAL INFARCTION

Study design

- 425 patients
- Randomisation 1:1
- Primary endpoint: MACE at 12 months

Patient characteristics

	BAS* (214)	PES* (211)	P value
Age (mean ± SD)	64 ± 11	64 ± 11	0.72
Male sex, n (%)	162 (76)	157 (74)	0.82
Diabetes, n (%)	48 (22)	33 (16)	0.08
History of smoking, n (%)	113 (53)	97 (46)	0.18
Hyperlipidemia, n (%)	141 (66)	151 (72)	0.21
Previous PCI, n (%)	22 (10)	10 (5)	0.04
Previous CABG, n (%)	16 (7)	13 (6)	0.70
Acute STEMI, n (%)	83 (39)	97 (46)	0.14
Thrombolysis, n (%)	26 (12)	40 (19)	0.06
GP IIb/IIIa Inhibitors, n (%)	116 (54)	96 (45)	0.81

Angioplasty indications

	BAS	PES	P value
Acute NSTEMI	61%	54%	NS
Acute STEMI	39%	46%	NS

Lesion characteristics

	BAS (214)	PES (211)	P value
RVD (mm)	3.16 ± 0.45	3.11 ± 0.50	0.35
Lesion length (mm)	13.6 ± 5.6	13.2 ± 6.4	0.47
Stent diameter (mm)	3.16 ± 0.42	3.11 ± 0.45	0.19
Stent length (mm)	17.4 ± 4.5	17.7 ± 5.3	0.48
Total stent length (mm)	18.5 ± 6.4	19.2 ± 7.2	0.26
No of stents per lesion, n(%)	1.1 ± 0.3	1.1 ± 0.4	0.24
Acute Procedural Success, n(%)	213 (99.5)	207 (98.1)	0.21
Multivessel PCI, n(%)	30 (14)	19 (9)	0.13

	BAS (214)	PES (211)	P value
Infarct-related Vessel, n (%)			
LAD	98 (46)	91 (43)	0.63
LCX	44 (21)	50 (24)	0.48
RCA	62 (29)	60 (28)	0.92
Left Main	0 (0)	1 (0.5)	0.50
Bypass Graft (venous)	10 (5)	9 (4)	0.84
Complex Lesions, n (%)			
B1 / B2	147 (69)	138 (65)	0.54
C	35 (16)	24 (11)	0.16

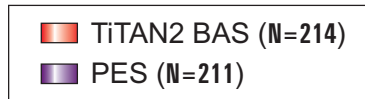
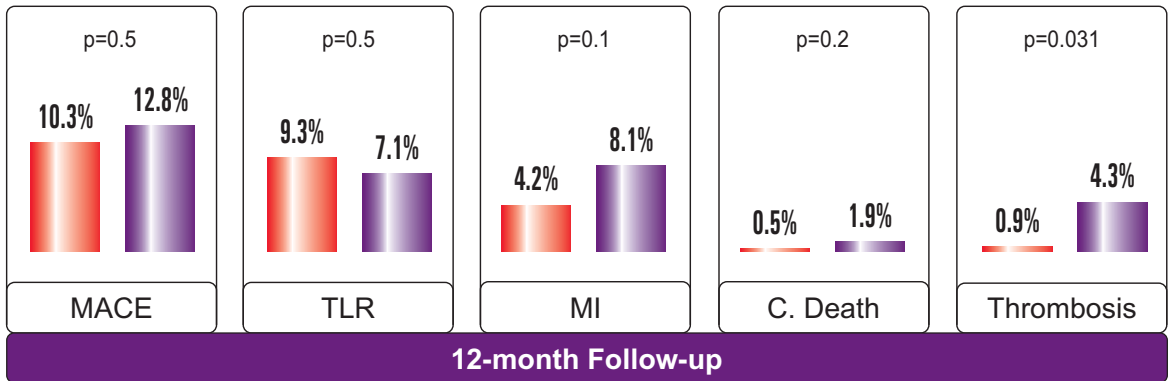
*BAS: Bio Active Stent

*PES: Paclitaxel Eluting Stent

*DES: Drug Eluting Stent

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12-month Follow-up



Conclusions

- Both BAS and PES resulted in comparable clinical outcome.
- Secondly, although the overall risk of stent thrombosis was low, it concentrated on the use of PES.



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Late Breaking Coronary Trials

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