

Drug-Eluting Stent

Real World Experience in Asan Medical Center

Seung-Jung Park, MD, PhD, FACC

**Professor of Internal Medicine
Asan Medical Center, *Seoul, Korea***

What a Big Changes !

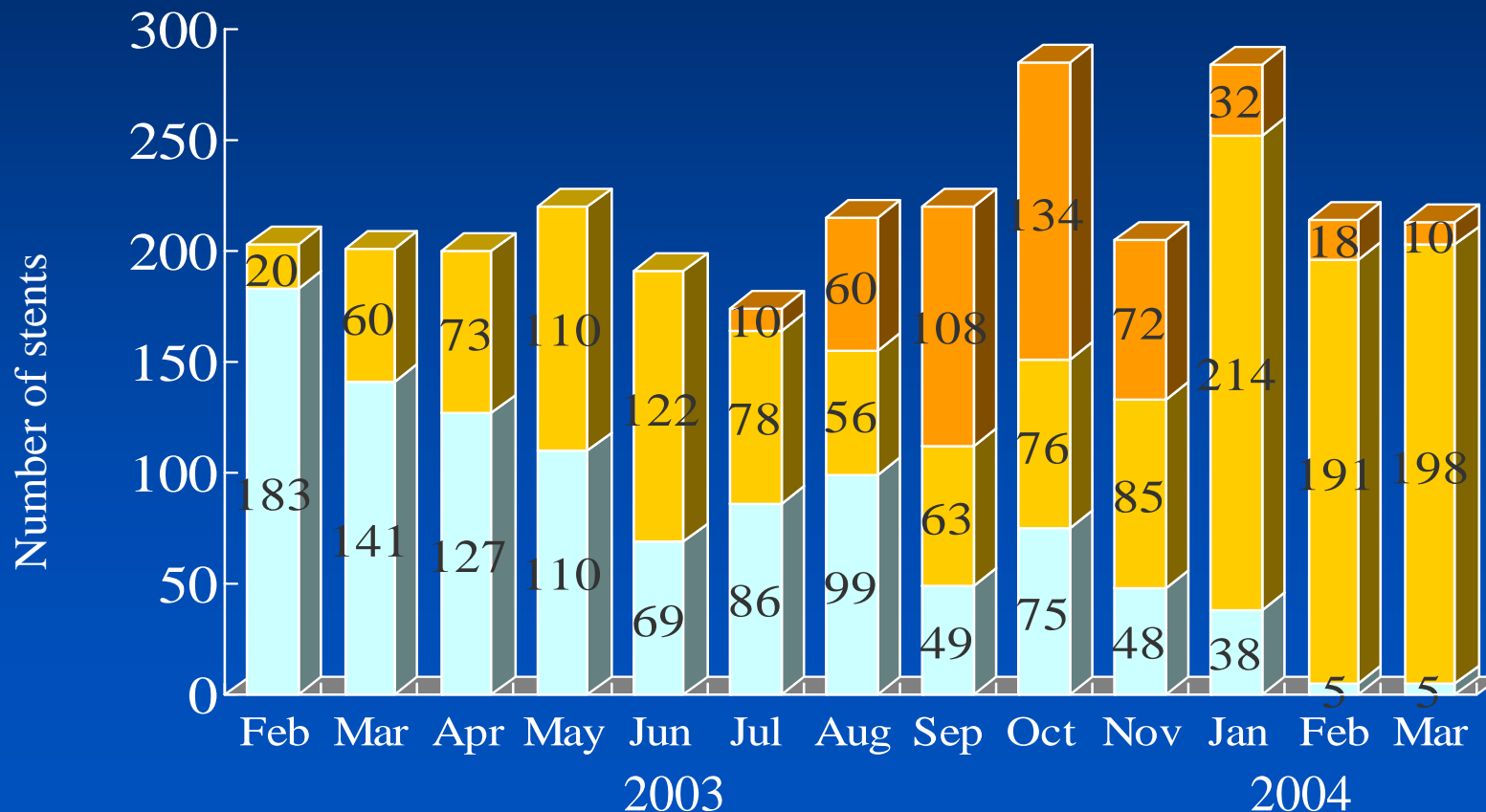
DES have already changed the strategy of PCI in real world practice...



DES Use in AMC

95% penetration

■ Non-Cypher stent ■ Cypher stent ■ TAXUS stent



Why Global DES Use in AMC ?

The reason why,
Global DES use would be the
reasonable approach based on the data

Global DES use in is reasonable approach based on the data

Safety,
Efficacy,
Durability,
Cost Issue

Safety Issue

Subacute Thrombosis
Late stent Incomplete Apposition

Antiplatelet Regimens in *AMIC*

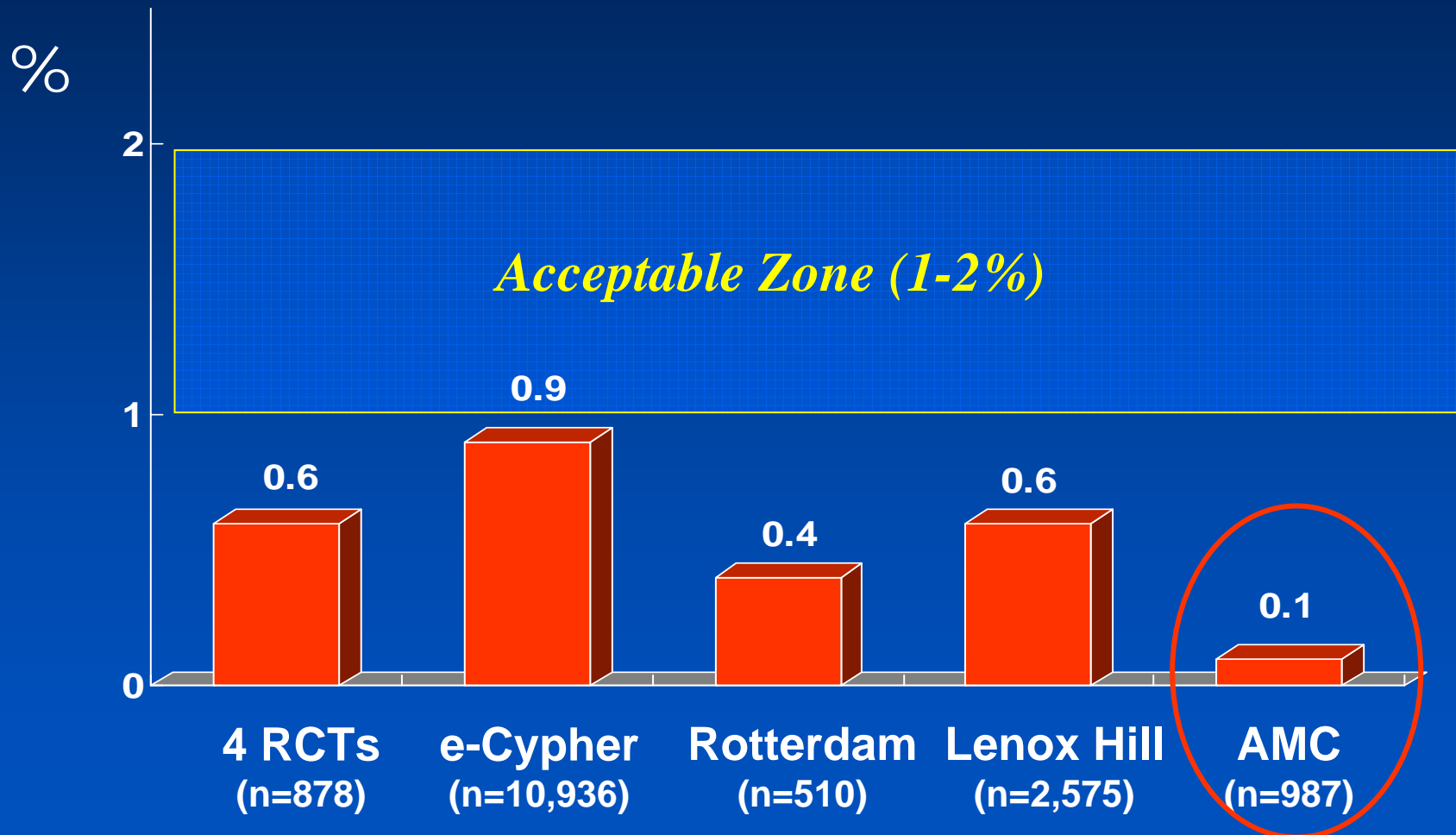
Two combination

- **Aspirin** indefinitely
- **Clopidogrel 75 mg QD** at least for 6 months

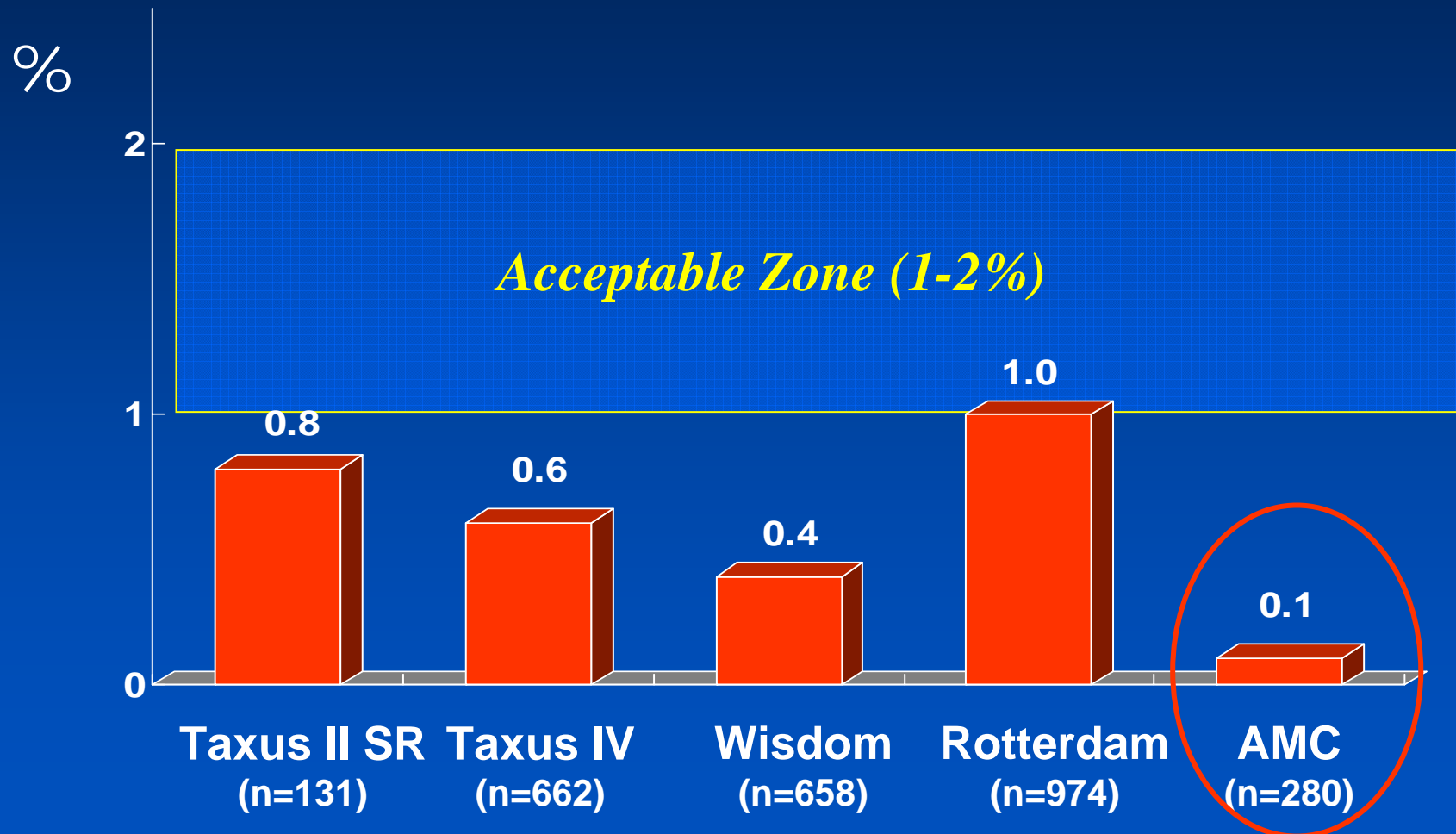
Triple combination in cases of complex lesions

- **Aspirin** indefinitely
- **Cilostazol 100 mg BID** for 1 month
- **Clopidogrel 75 mg QD** at least for 6 month

Cypher™ : SAT 0.1 %

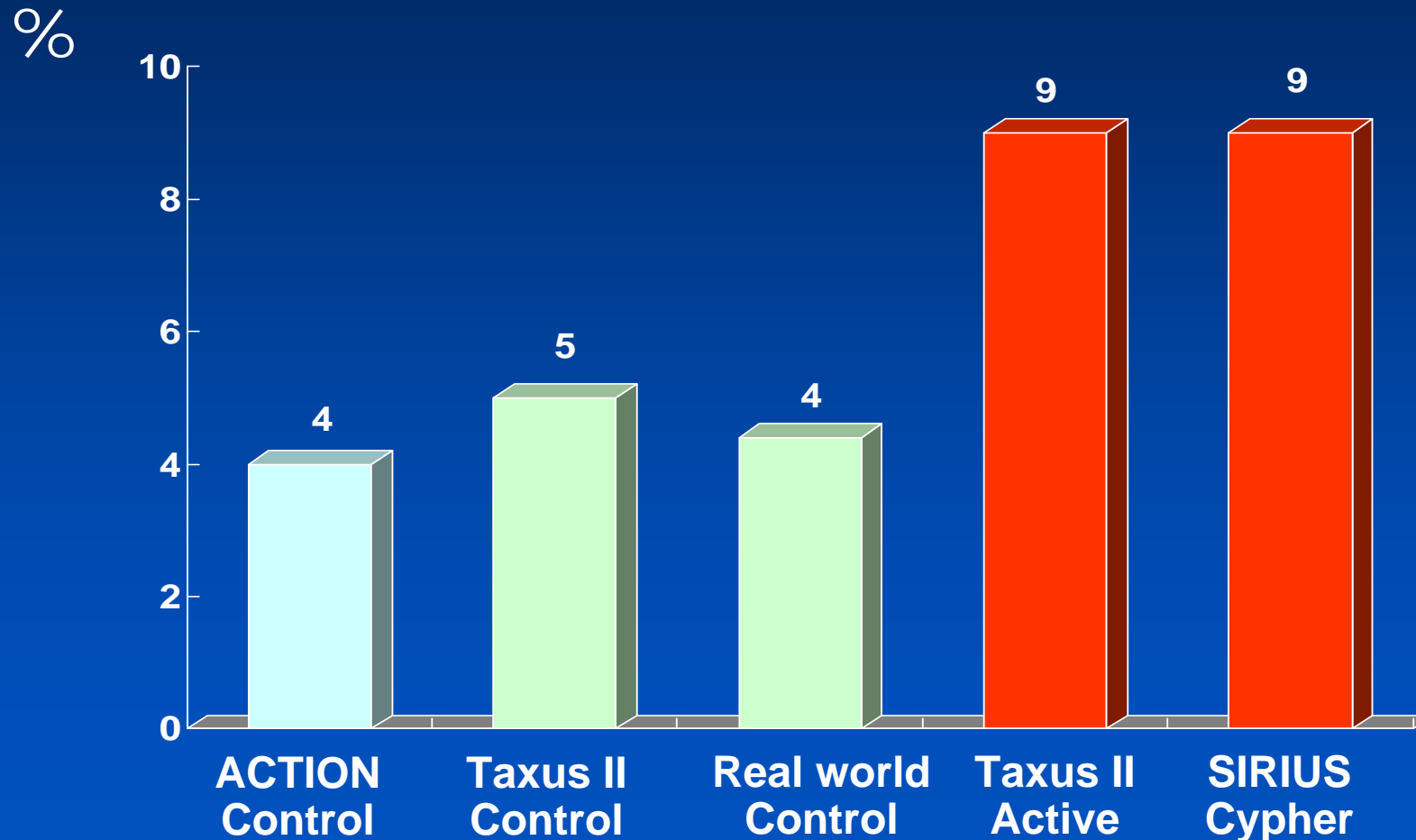


Taxus™ : SAT 0.1 %



Late Stent Incomplete Apposition

No clinical events attributed...



Safety Issue

Subacute Thrombosis
Late stent Incomplete Apposition

No more concerns about these...

Efficacy Issue

Restenosis Rate

TLR

MACE

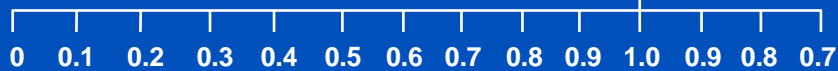
We have lots of data...

TLR Events

SIRIUS

	Sirolimus	Control		P-value	# events prevented per 1,000 patients
Overall	4.1	16.6		0.0001	124
Male	4.4	16.6		0.0001	122
Female	3.4	16.5		0.0007	130
Diabetes	6.9	22.3		0.0006	154
No Diabetes	3.2	14.3		0.0001	111
LAD	5.1	19.8		0.0001	147
Non-LAD	3.4	14.3		0.0001	109
Small Vessel (<2.75)	6.3	18.7		0.0001	125
Large Vessel	1.9	14.8		0.0001	128
Short Lesion	3.2	16.1		0.0001	129
Long Lesion (>13.5)	5.2	17.4		0.0001	122
Overlap	4.5	17.7		0.0003	131
No Overlap	3.9	16.1		0.0001	121

Hazards Ratio 95% CI

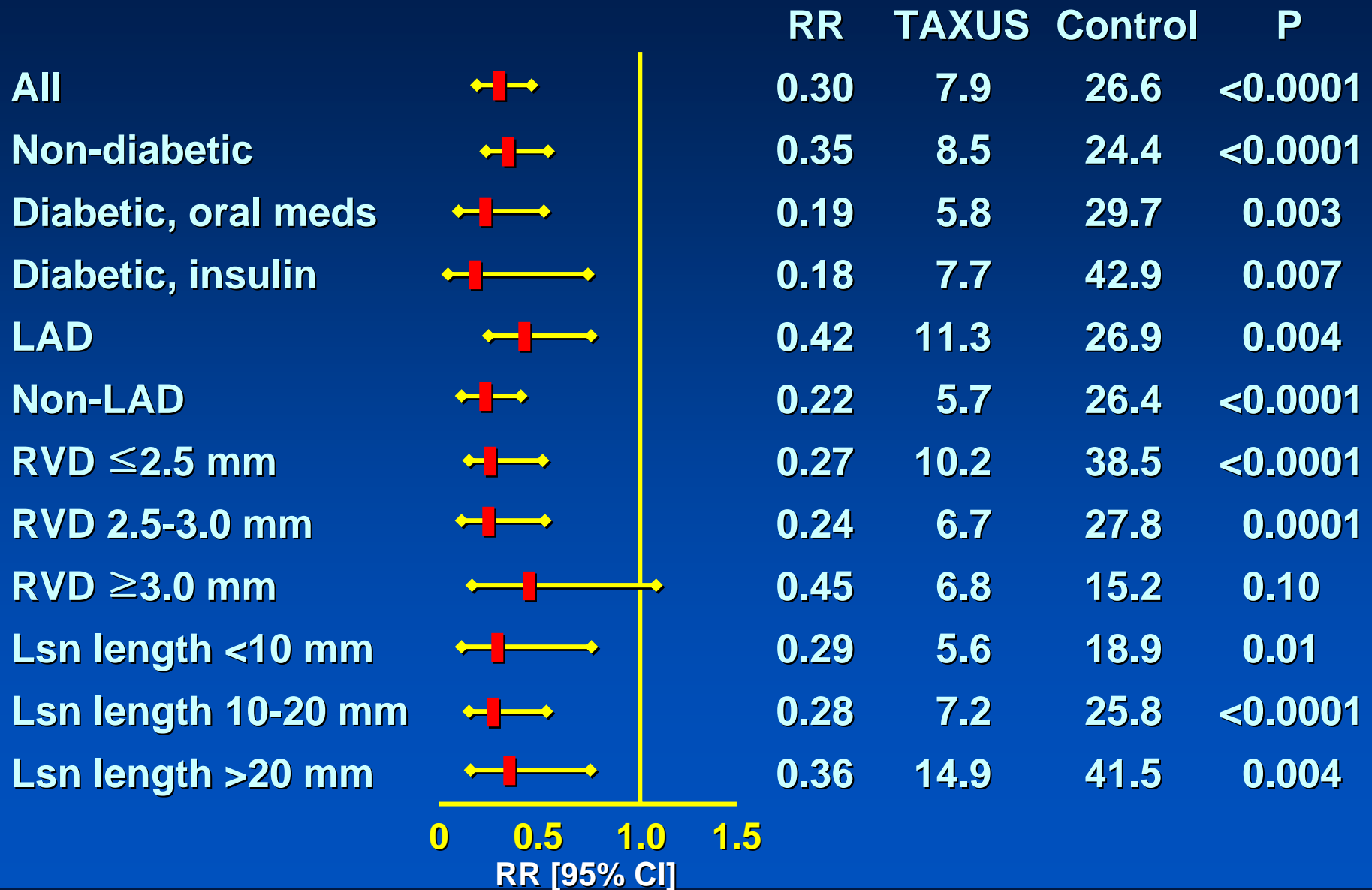


Sirolimus better



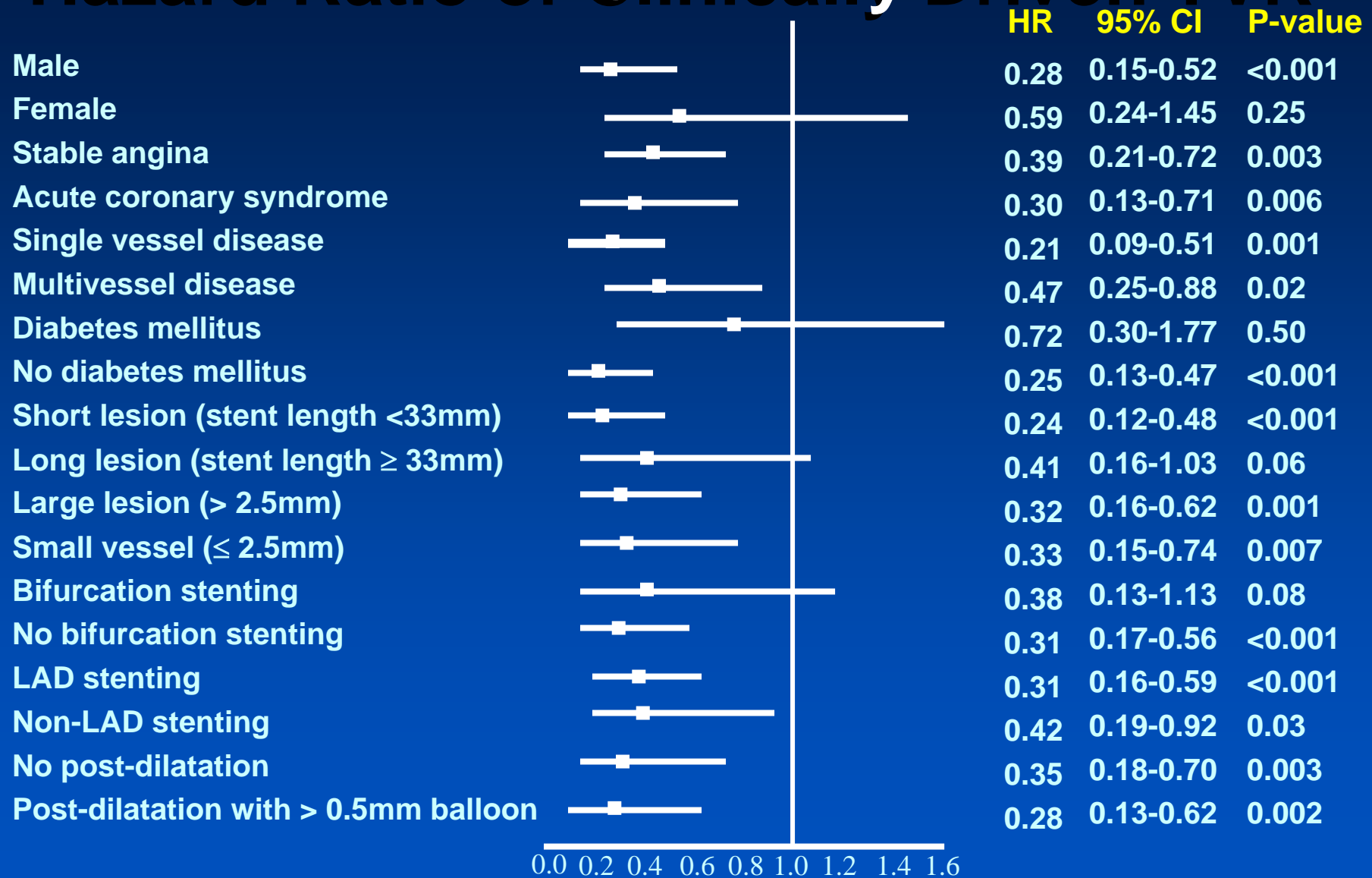
Restenosis Rate

TAXUS IV



RESEARCH Registry

Hazard Ratio of Clinically Driven TVR





Asan Medical Center DES Experience

(Feb, 2003- Mar, 2004)

1077 patients

1411 lesions

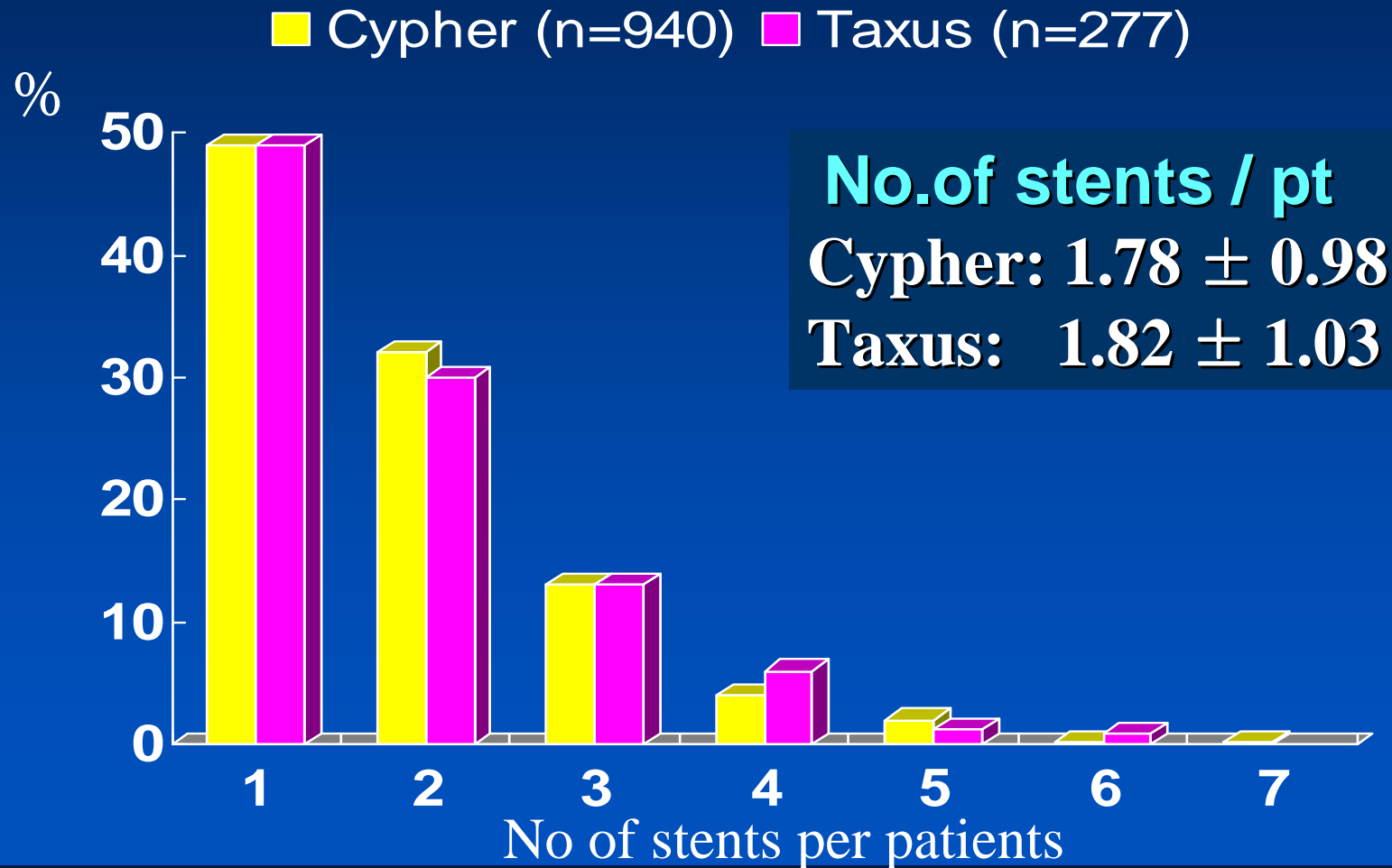
2065 stents



What a Big Changes !

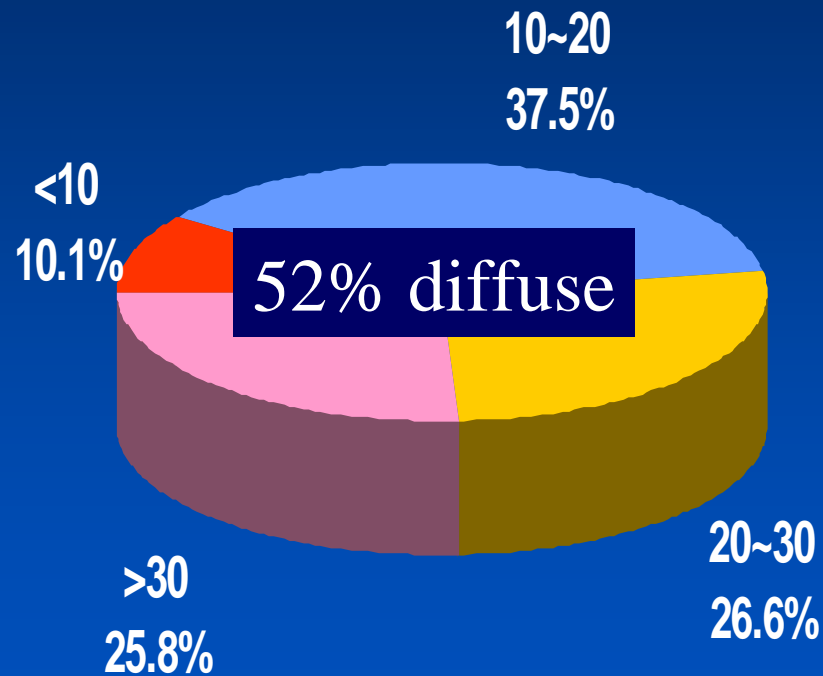
We have treated more complex patients and lesion subsets ...

Half (50%) of patients received multiple stents ...



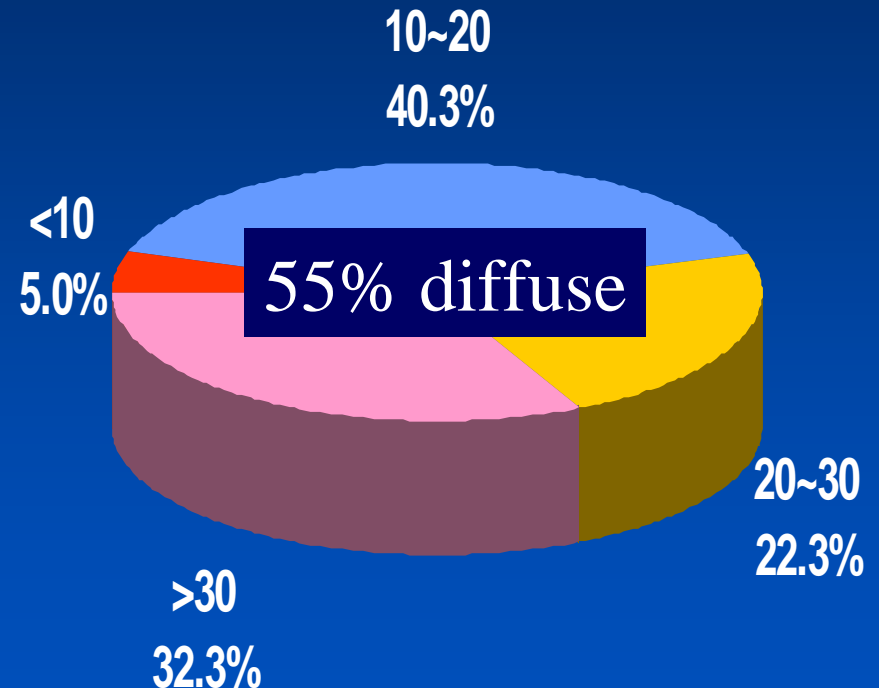
Lesion Length

Cypher Stent (n=1093)



Mean: 24.2 ± 14.3mm

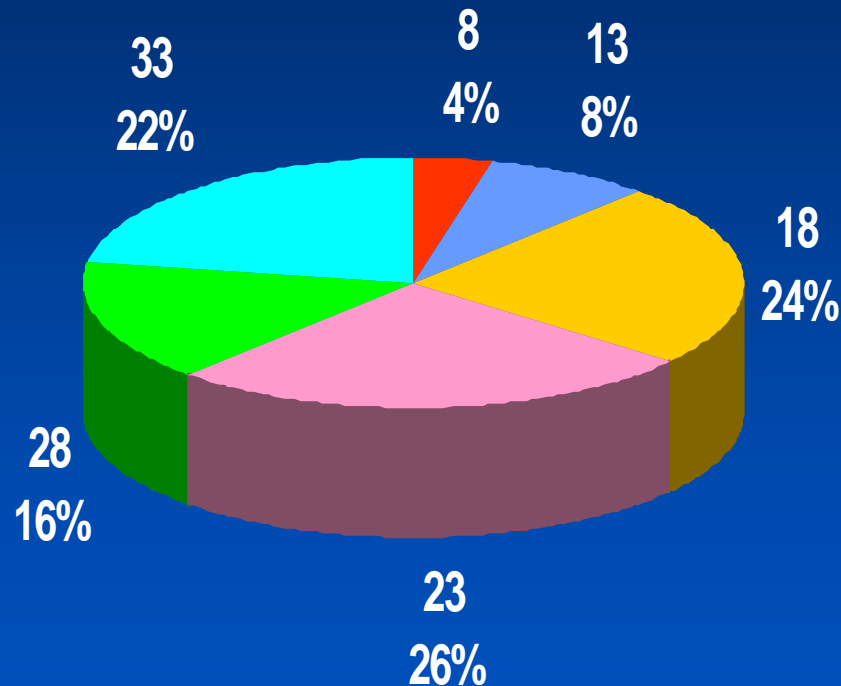
Taxus Stent (n=318)



Mean: 26.1 ± 14.1mm

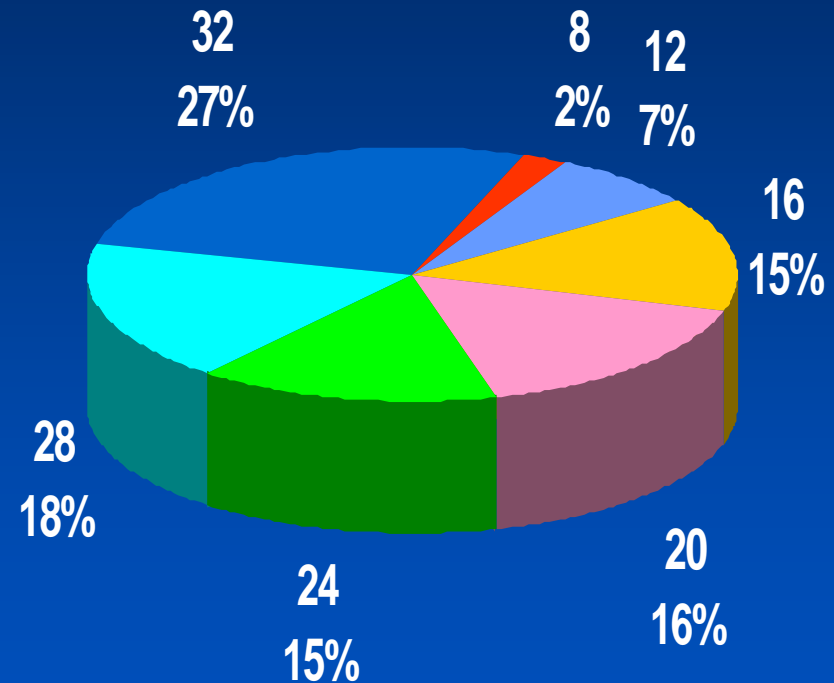
Used Stent Length

**Cypher Stent
(n=1593)**



**Total stent length
: 30.1 ± 16.7 mm**

**Taxus Stent
(n=472)**



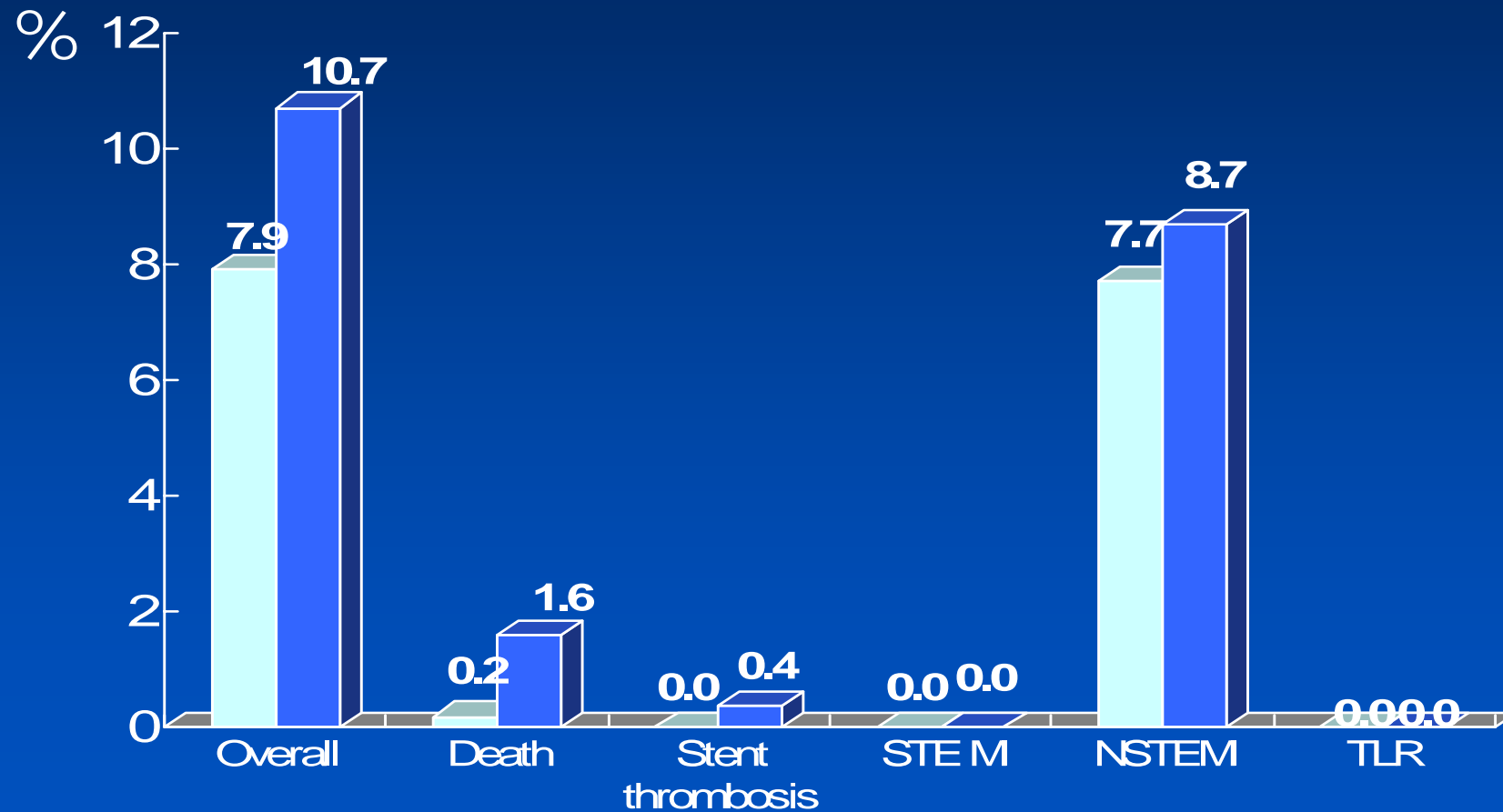
**Total stent length
: 32.1 ± 17.6 mm**

Direct : 46%, Overlapping :28 %

	Cypher	Taxus
Direct stenting	503 (46%)	148 (47%)
Postdilatation with a new balloon	226 (42 %)	115 (46%)
Maximum inflation pressure (atm)	16.7 ± 3.5	14.0 ± 3.9
Balloon-to-artery ratio	1.17 ± 0.42	1.16 ± 0.15
Overlapping	309 (28 %)	91 (29%)
Use of Gp IIb/IIIa	30 (3%)	7 (2%)

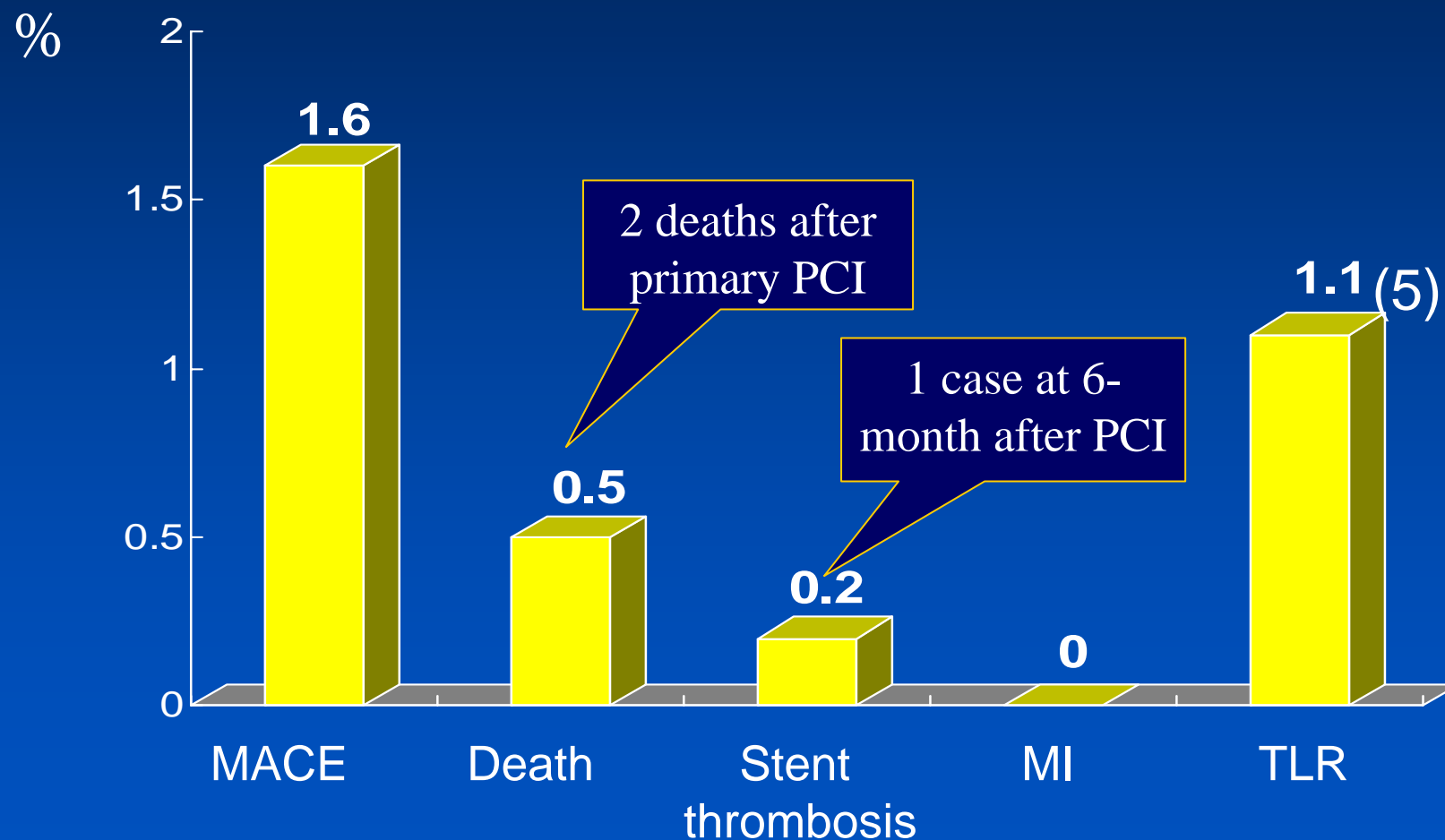
In-Hospital Events

■ Cypher (n=833) ■ Taxus (n=244)



6-Month TLR : 1.1 %

Total 446 eligible patients with Cypher implantation



6-Month Restenosis : 4.5 %

378 lesions (85%)

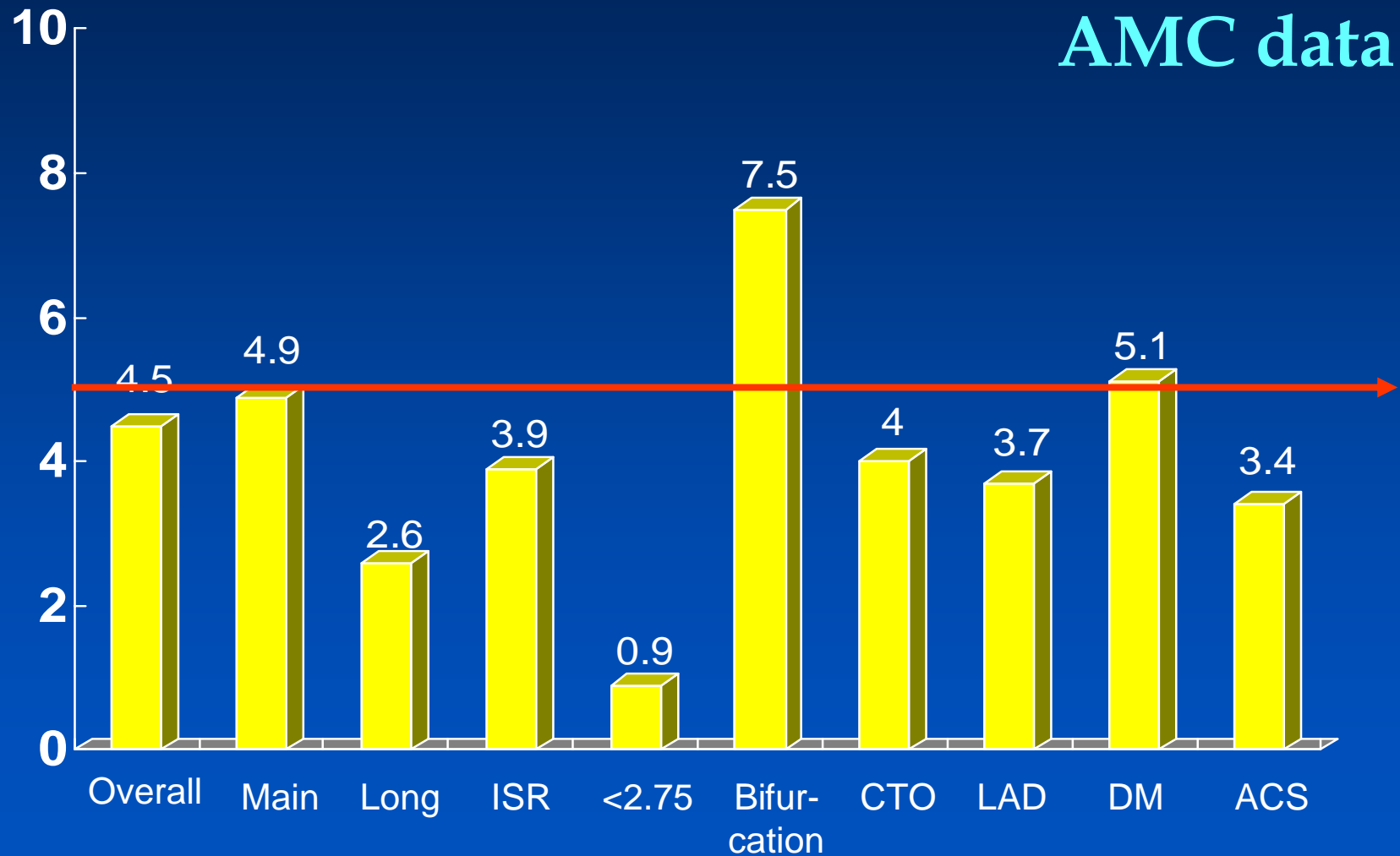
Reference vessel (mm)	2.86 ± 0.54
MLD (mm)	2.66 ± 0.64
Late loss (mm)	0.30 ± 0.52
Diameter stenosis (%)	5.95 ± 19.74
Binary restenosis (%)	17 (4.5%)
Focal	15
Diffuse	1
Total	1*

* Total ISR after arterial graft intervention

AMC



Restenosis Rate : 4.5 %



Global DES Use is reasonable approach based on the data

Still have efficacy concerns about specific lesion and specific patient subsets...

We have small, but solid data

Efficacy Concerns

Specific lesion subsets

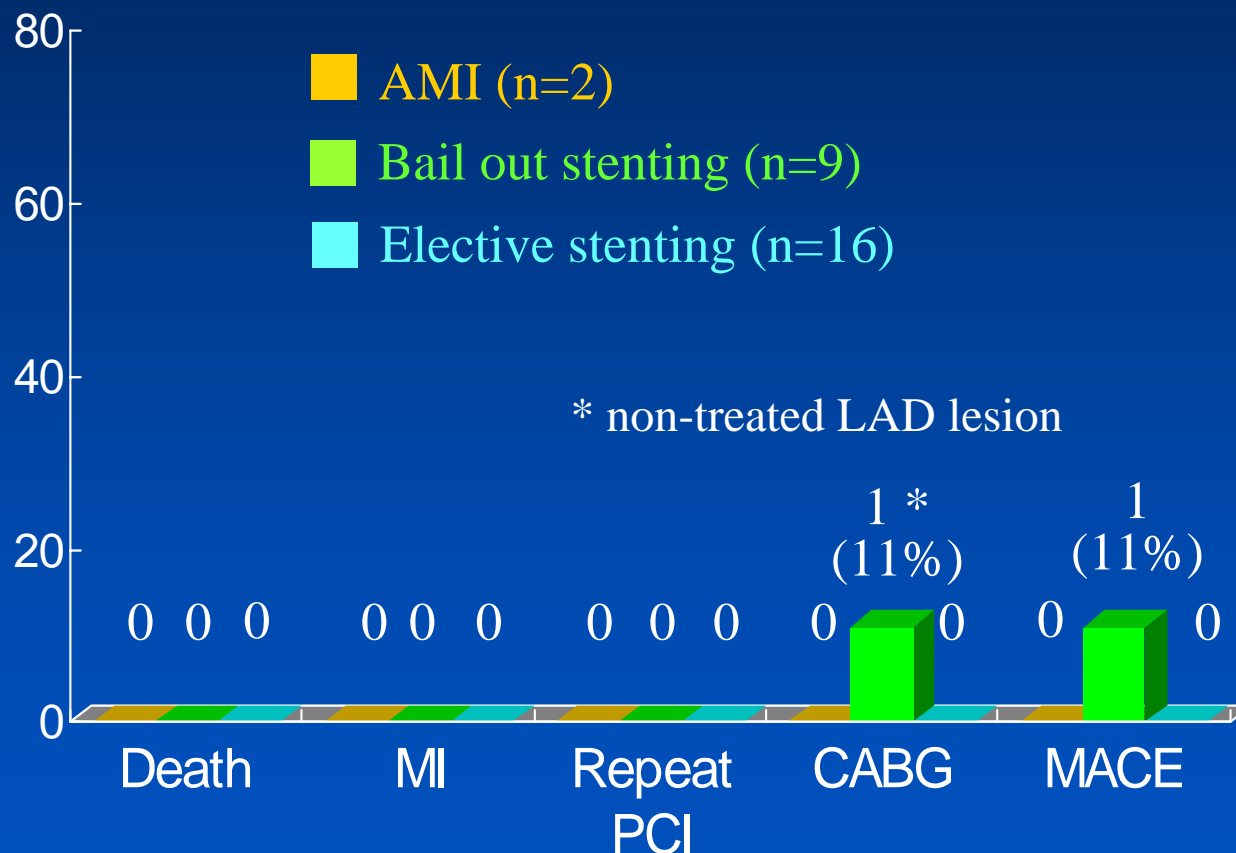
- **Left main disease**
- **Long lesion**
- **In-stent restenosis**
- **Small vessel**
- **Bifurcation lesion**
- **CTO**
- **Saphenous vein graft**

Specific patient subsets

- **Diabetes mellitus**
- **Acute MI**

Cypher for Unprotected LM

Post-discharge Outcomes of 27 pts

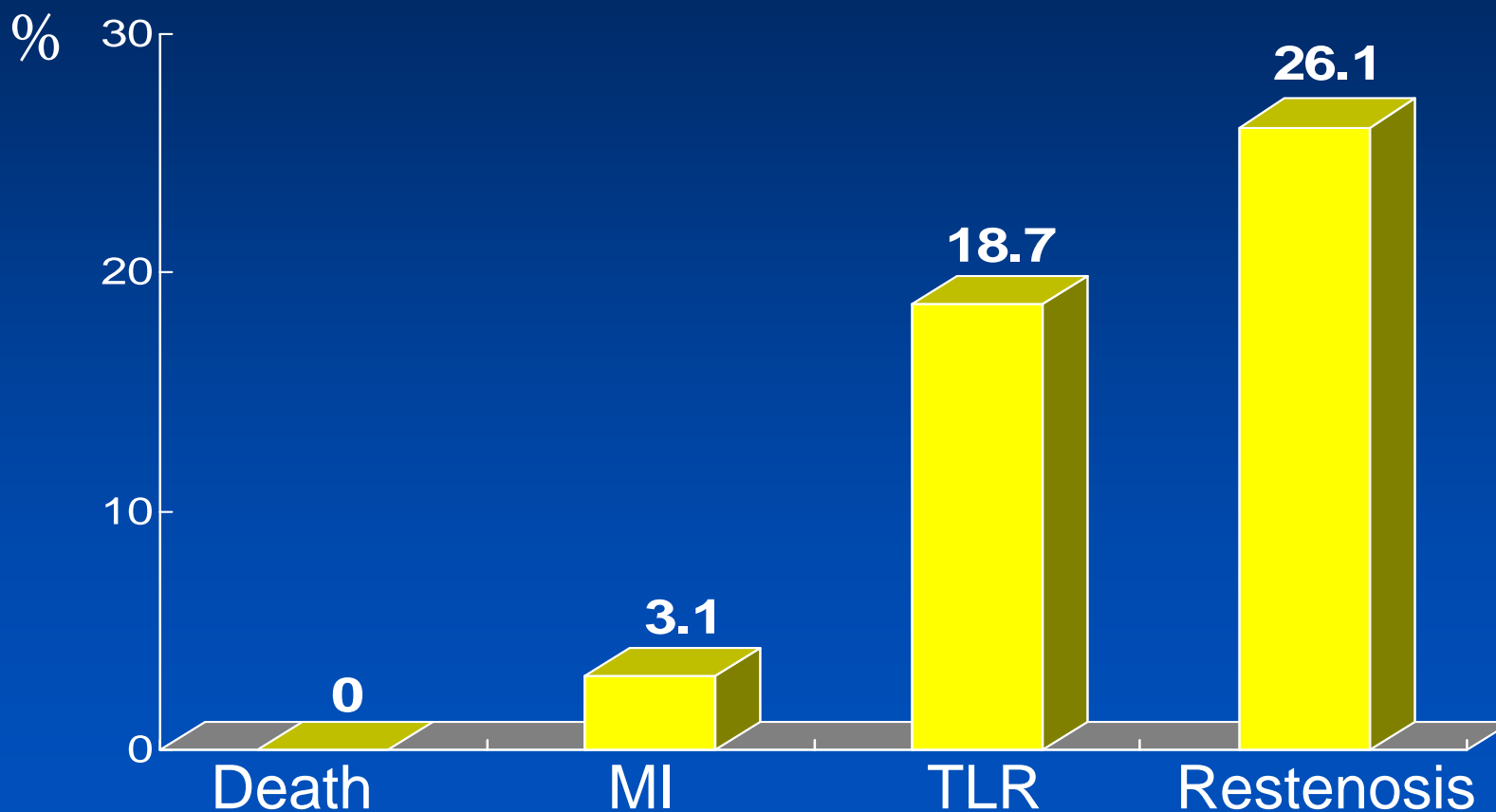


Arampatzis CA et al. Am J Cardiol 2003;92:327

Cypher for Unprotected LM

Total 32 pts (27 distal location)

Treated with Only 3.0mm Cypher



ACC 2004

Cypher for Unprotected LM

In AMC experience

Total 109 patients

Proximal involvement	28 (26 %)
Ostium	24
Shaft	4
Distal involvement	81 (74 %)

Unprotected Left Main Stenting

In the era of DES

What is changing now ?

Historical Comparison
with Bare Metal Stenting
(1995-2002)


Older age, more diabetics, lower EF in DES


	BMS N=257	DES N=109
Age,yrs	56±12	60 ± 11 (29-86)
Men	172 (67%)	81 (74 %)
Diabetes	49 (19%)	33 (30 %)
Hypertension	82 (32%)	46 (42 %)
Current smoker	87 (34%)	24 (22 %)
Hypercholesterolemia	72 (28%)	19 (17 %)
LVEF(%)	62±8	59±10 (26-76)

Yellow character: p<0.05



More bifurcation lesions treated...

	BMS N=257	DES N=109
Proximal involvement	159 (62 %)	28 (26 %)
Ostium	137	24
Shaft	22	4
Distal involvement	98 (38 %)	 81 (74 %)

 : $p < 0.05$

More multivessel disease, No more debulking...

	BMS N=257	DES N=109
In-stent restenosis	0	✓ 12 (13%)
Three vessel disease	✓ 15 (6%)	✓ 31 (27%)
Debulking before stenting	95 (37%)	3 (3%)
IVUS guidance	159 (62%)	✓ 95 (87%)

In-Hospital Outcomes : SAT 0 %

	BMS N=257	DES N=109
Procedure Success (%)	99.1	100
Death	0	0
Q MI	19 (7%)	11 (10 %)
✓ Non-QMI	1 (0.9%)	0
SAT	1	0
Emergent CABG	0	0

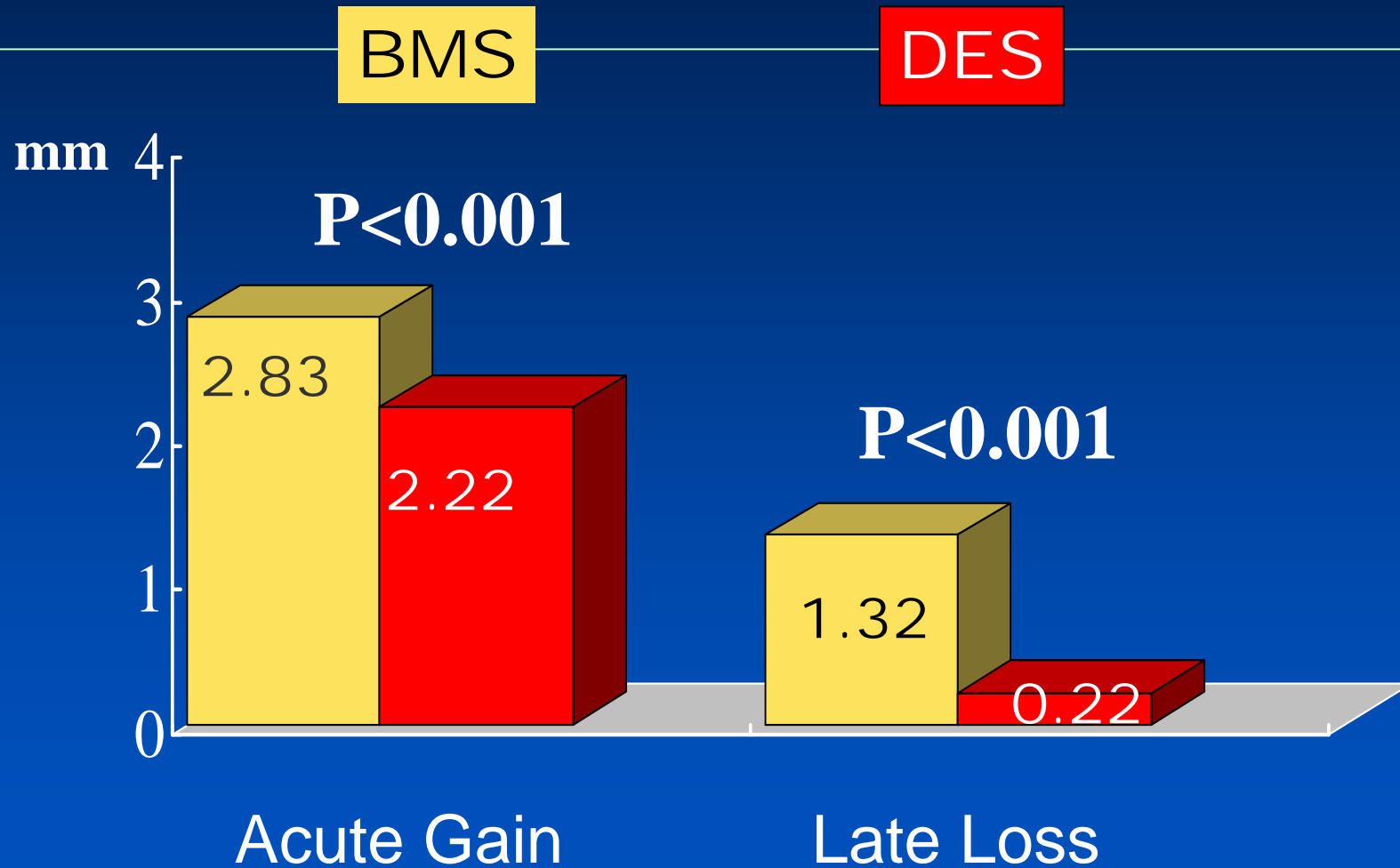
Repeat PCI

* All procedure related, CK-MB \geq 3 times normal value

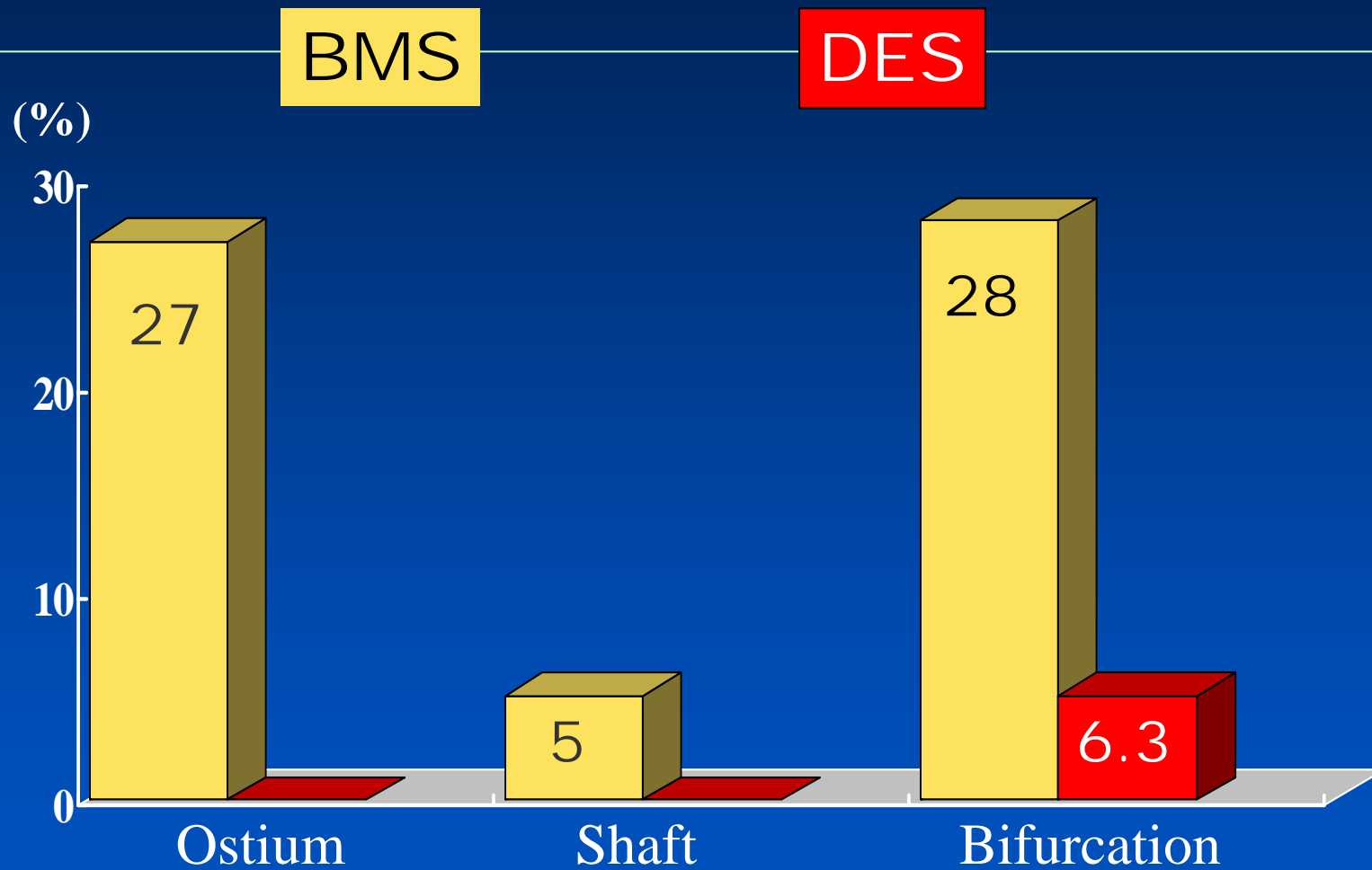
6 month Restenosis : 4.0 %

	Proximal (n=17)	Distal (n=56)
Angiographic F/U	13 (76%)	48 (86%)
Reference vessel (mm)	3.56±0.44	3.58±0.65
MLD (mm)	3.59±0.32	3.26±0.59
Diameter stenosis (%)	-1.8±8.1	7.5±17.0
Late loss (mm)	0.17±0.21	0.23±0.50
Restenosis	0 %	3 (6.3%)

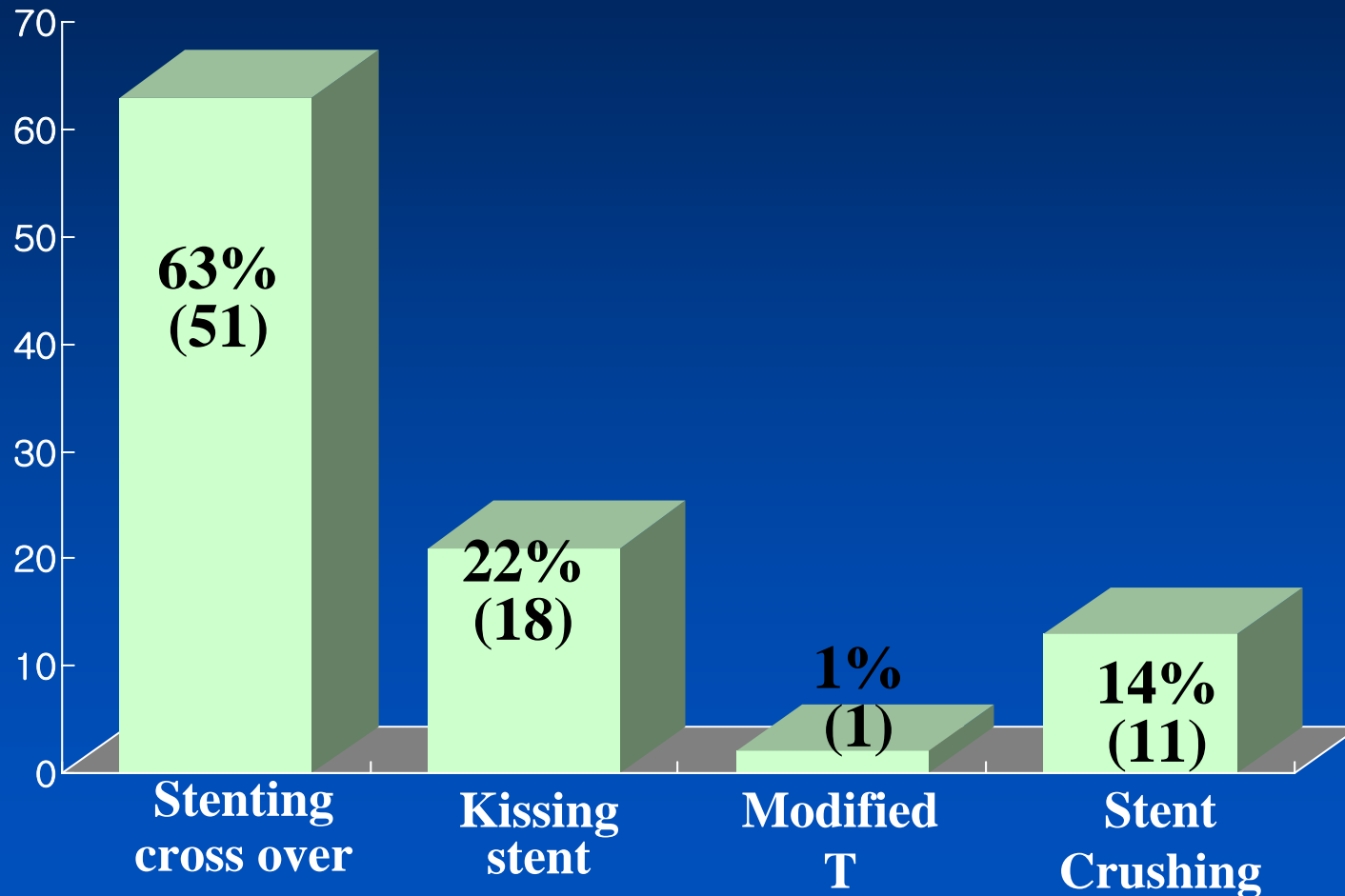
Late Loss : 0.22 mm



Restenosis Rate : 4 %

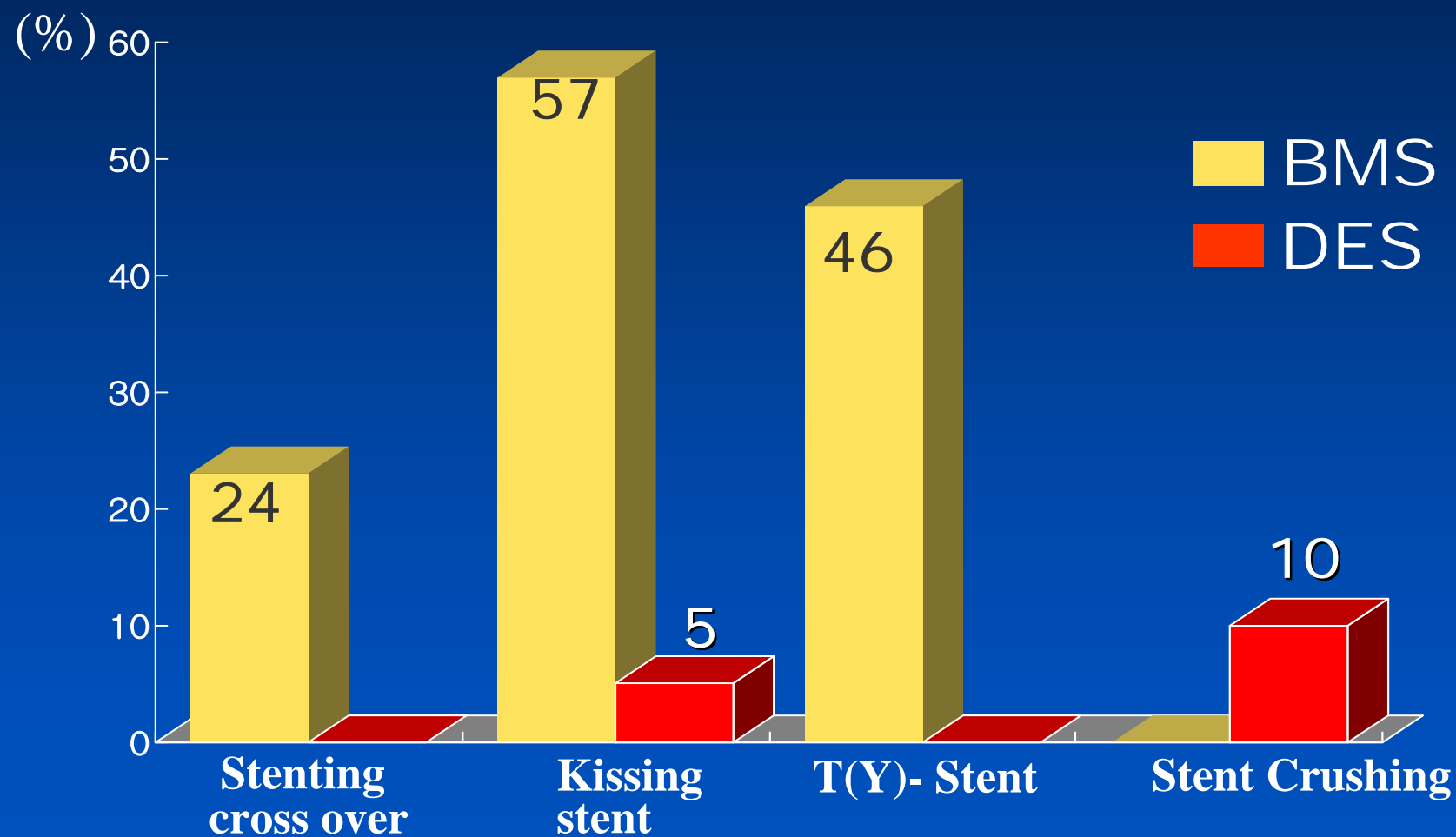


Stenting Cross Over was most commonly used for distal LM bifurcation (n=81)



Restenosis Rate

According to different strategy in distal LM



Unprotected Left Main Stenting

In the era of DES

What is changing now ?

- We tackle more complex lesion groups
(more LM distal bifurcation lesions, three vessel disease, longer lesions, higher risk patient)
- Simplified procedure – No more debulking...
- Excellent immediate and late clinical outcomes

**Global DES Use is reasonable
approach based on the data**

**DES works for
the Left Main Disease...**



Efficacy Concerns

Specific lesion subsets

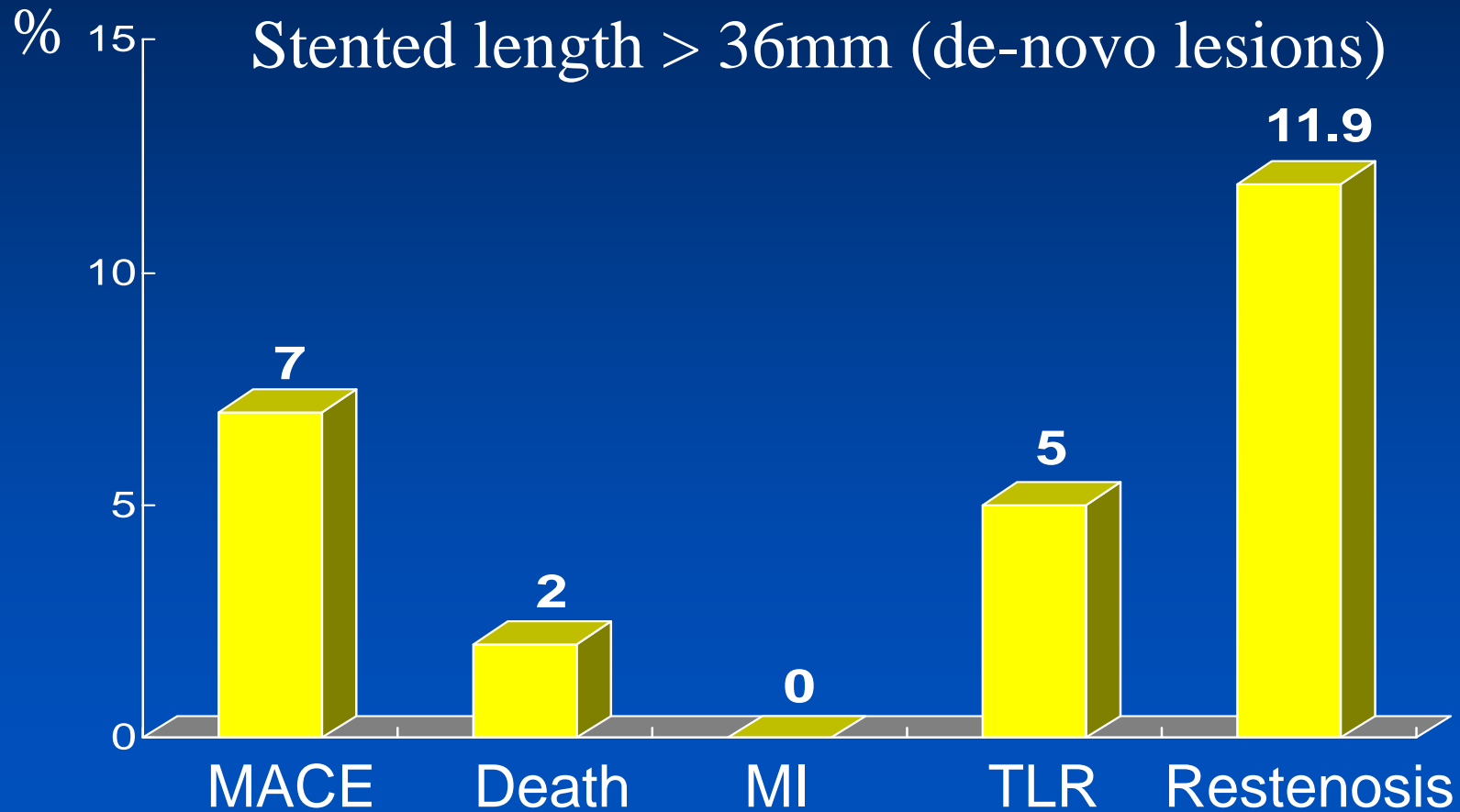
- Left main disease
- Long lesion
- In-stent restenosis
- Small vessel
- Bifurcation lesion
- CTO
- Saphenous vein graft

Specific patient subsets

- Diabetes mellitus
- Acute MI

RESEARCH Registry

9-Months in 96 patients, 102 lesions

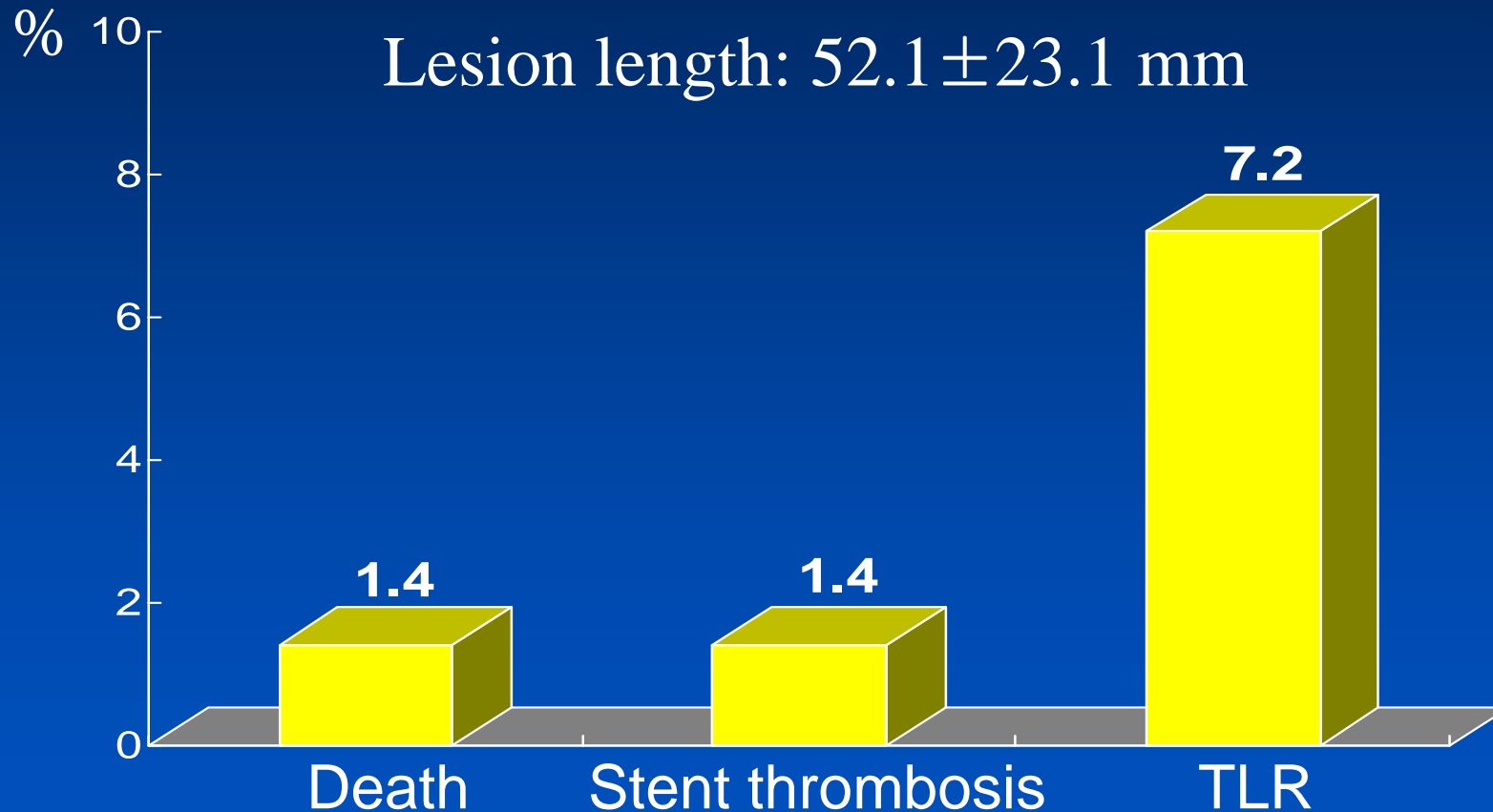


PW Serruys, ACC 2004



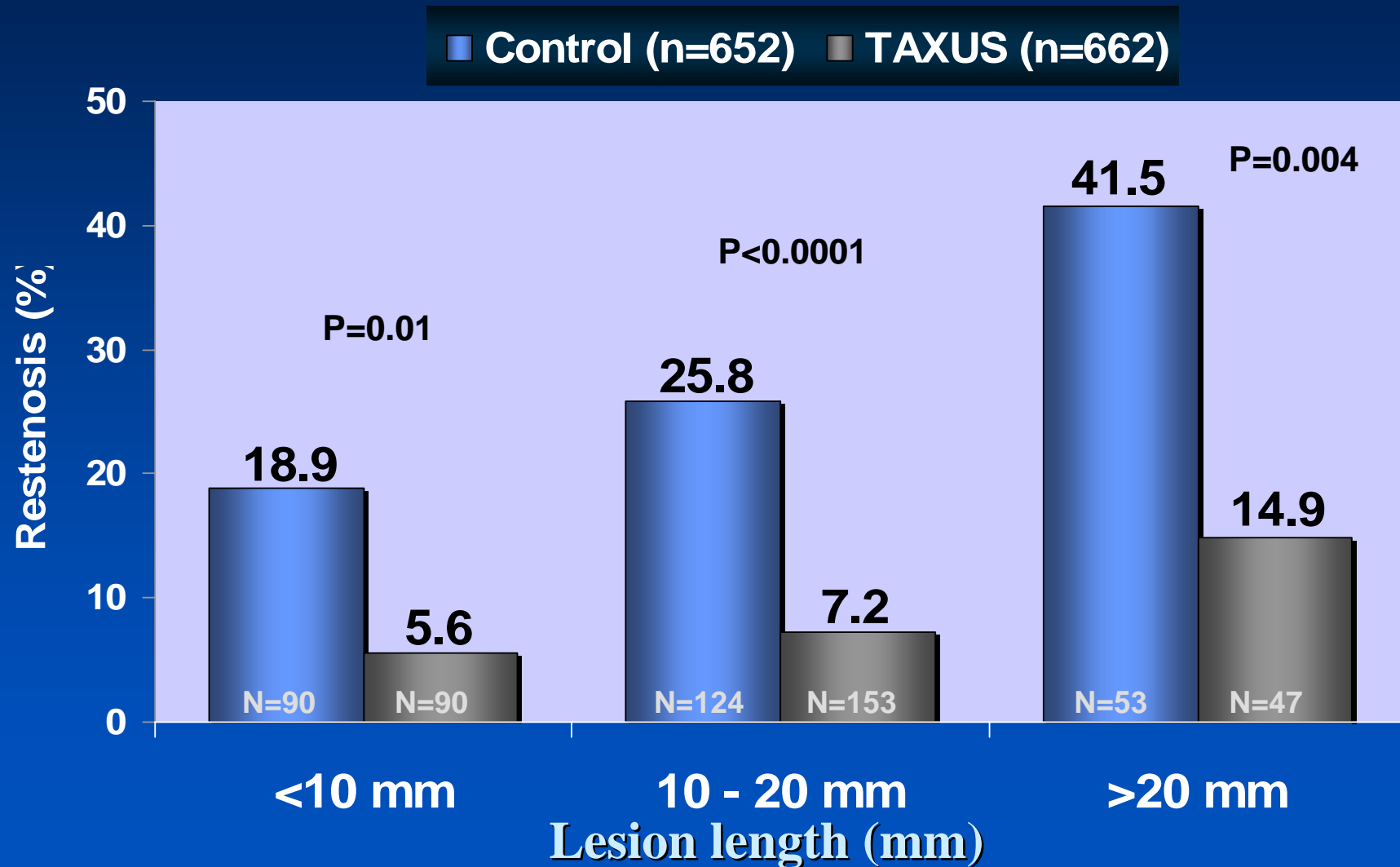
Full Metal Jacket with Cypher

6-Month in 71 patients, 153 lesions



Orlic D, ACC, 2004

Impact of Lesion Length in TAXUS IV Restenosis (analysis segment)



March 2003 - February 2004

Enrollment

De-novo Lesions
($\geq 24\text{mm}$)

487 patients, 597 lesions

Cypher stent
($\geq 28\text{mm}$)

338 patients, 424 lesions
Mean stent length : 41mm
(28- 92 mm)

BMS stent
($\geq 28\text{mm}$)

149 patients, 173 lesions
Mean stent length : 37mm
(28 – 73 mm)

Diabetic patients : 36%

	Cypher (n=338)	Control (n=149)	P value
Age (years)	60 ± 10	60 ± 10	0.950
Man	243 (72%)	112	0.614
Hypertension	193 (57%)	79 (53%)	0.488
Hypercholesterolemia	91 (27%)	31 (21%)	0.194
Diabetes mellitus	122 (36%)	43 (29%)	0.106
Smoking	108 (32%)	73 (49%)	0.001

Unstable Angina : 44%

	Cypher (n=338)	Control (n=149)	P value
LV ejection fraction (%)	60 ± 10	56 ± 9	<0.001
Prior PCI	37 (11%)	21 (14%)	0.323
Prior CABG	3 (2%)	0 (0%)	0.268
Clinical diagnosis			0.220
Stable angina	155 (46%)	70 (47%)	
Unstable angina	149 (44%)	55 (37%)	
Acute MI	34 (10%)	24 (16%)	

Multivessel disease : 70%

	Cypher (n=338)	Control (n=149)	P value
No of diseased vessels			0.176
1 vessel	118 (35%)	41 (28%)	
2 vessel	124 (37%)	55 (37%)	
3 vessel	96 (28%)	53 (36%)	

LAD : 61%

	Cypher (n=424)	Control (n=173)	P value
Lesion location			<0.001
LAD	259 (61%)	72 (42%)	
LCX	59 (14%)	25 (20%)	
RCA	110 (26%)	53 (39%)	
Chronic total occlusion	38 (9%)	22 (13%)	0.166
Infarct related artery	20 (5%)	14 (8%)	0.106

Overlapping : 46%

	Cypher (n=424)	Control (n=173)	P value
Used No of stents	1.55 ± 0.68	1.29 ± 0.54	<0.001
Overlapping	196 (46%)	44 (25%)	<0.001
✓ Contiguous stent length (mm)	40.8 ± 15.0	36.6 ± 12.4	0.001
Maximal inflation pressure (atm)	15.4 ± 3.6	11.7 ± 3.3	<0.001
Maximal balloon size	3.31 ± 0.38	3.41 ± 0.51	0.008
Balloon-to-artery ratio	1.11 ± 0.16	1.06 ± 0.14	<0.001
IVUS guidance	303 (72%)	71 (41%)	<0.001
Use of Abciximab	11 (3%)	7 (4%)	0.492

In-Hospital Outcomes

SAT : 0 %

	Cypher (n=338)	Control (n=149)	P value
Procedural success *	97.8%	94.8%	0.051
Death	0	1 (0.7%) **	1.000
MI	29 (9%)	18 (12%)	0.228
Q wave	0	0	
Non-Q wave ***	29 (9%)	18 (12%)	
✓ Stent thrombosis	0	0	1.000
TLR	0	0	1.000
TVR	0	0	1.000

* Final TIMI flow ≥ 2 and residual diameter stenosis $\leq 30\%$

** No reflow after multivessel PCI, *** CK-MB ≥ 3 times normal value



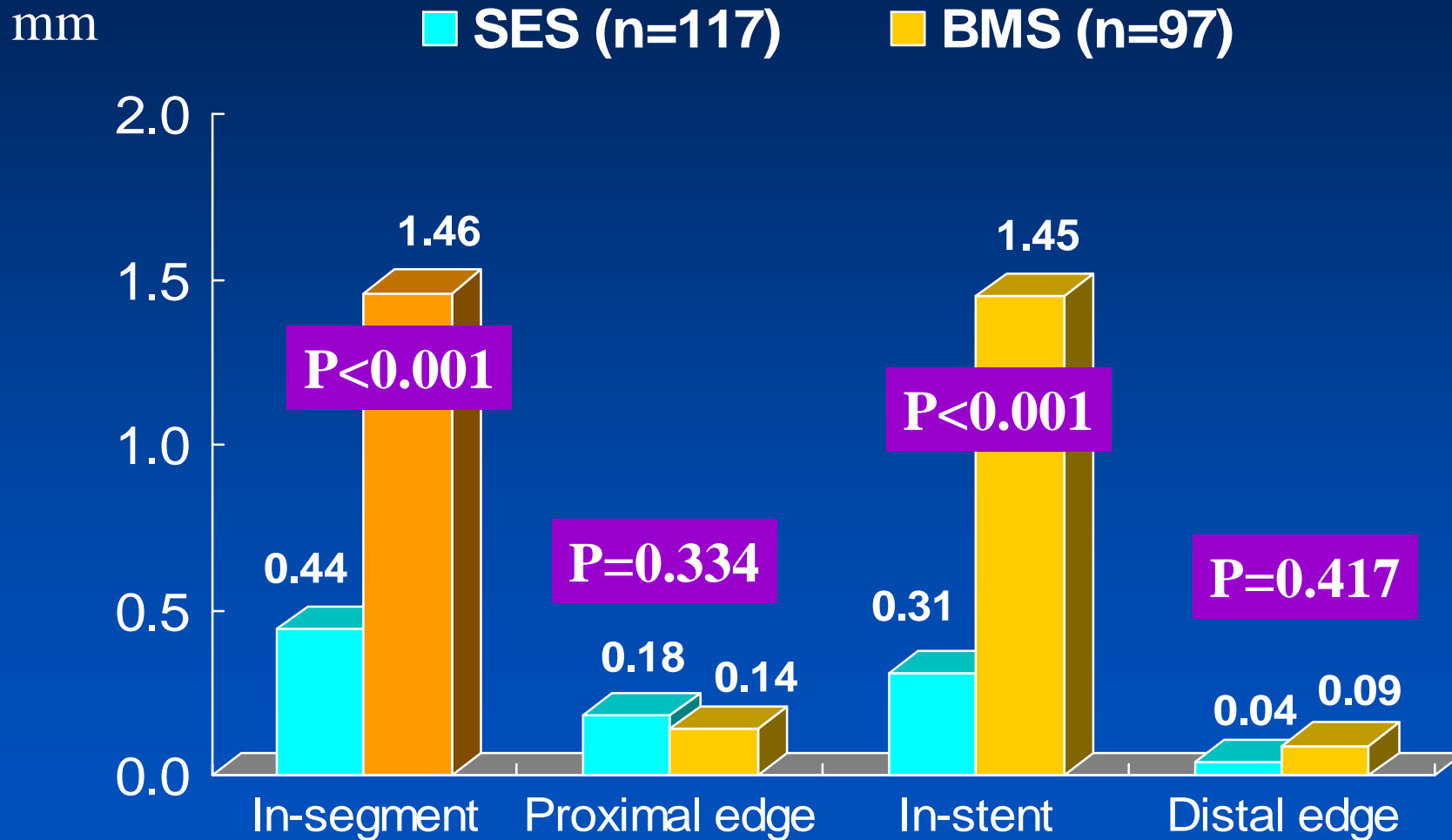
TLR : 0.6 %

	Cypher (n=162)	Control (n=127)	P value
Death	1 (0.6%)	1 (0.8%)	1.000
Non-cardiac	1 (0.6%)	0	
Cardiac	0	1 (0.8%)	
MI	0	0	1.000
Q wave	0	0	
Non-Q wave	0	0	
✓ Stent thrombosis	0	0	1.000
✓ TLR	1 (0.6%)	18 (14.2%)	<0.001
Repeat PCI	0	16	
CABG	1	2	
MACE	2 (1.1%)	19 (15.0%)	<0.001

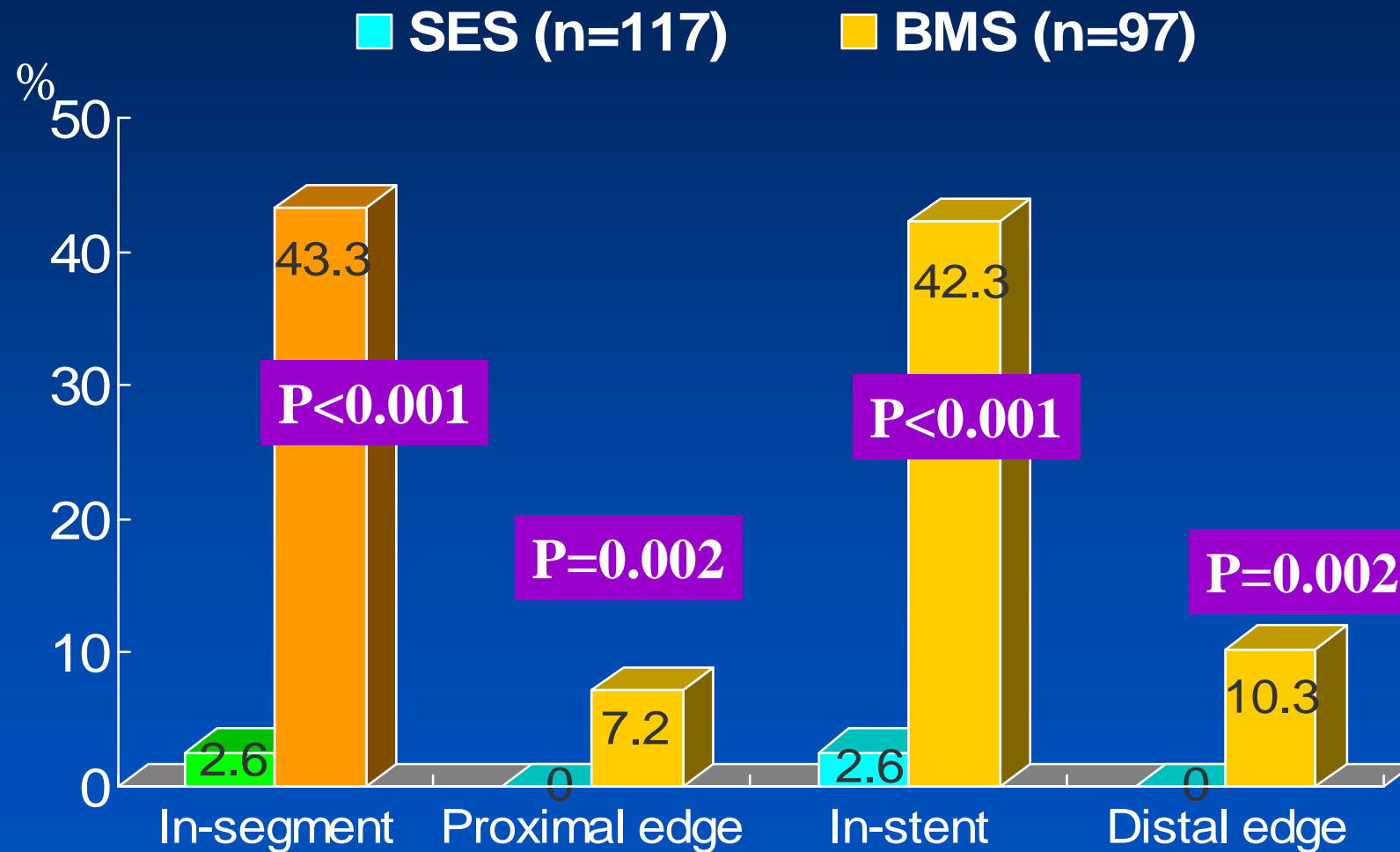
Restenosis Rate : 2.6 %

	Cypher (n=117)	Control (n=97)	P value
Proximal reference (mm)	3.00 ± 0.49	3.64 ± 0.45	0.172
Distal reference (mm)	2.60 ± 0.43	2.69 ± 0.58	0.241
MLD (mm)	2.54 ± 0.53	1.53 ± 0.76	<0.001
Diameter stenosis (%)	9.3 ± 17.4	48.0 ± 22.2	<0.001
Late loss (mm)	✓ 0.31 ± 0.57	1.45 ± 0.72	<0.001
Restenosis	✓ <u>3 (2.6%)</u>	42 (43.3%)	<0.001

Late Loss :0.44 mm



Restenosis Rate : 2.6 %



**Global DES Use is reasonable
approach based on the data**

**DES works for
very Long Lesions...**



Efficacy Concerns

Specific lesion subsets

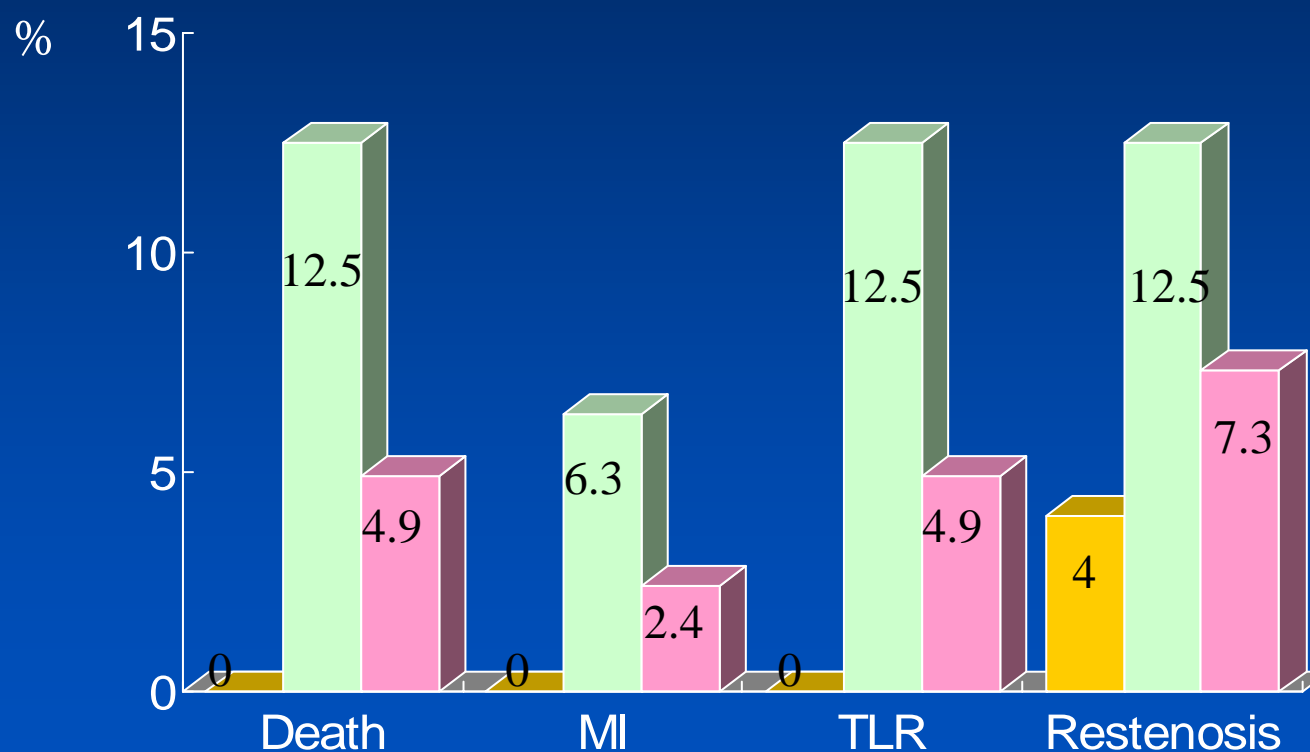
- Left main disease
- Long lesion
- **In-stent restenosis**
- Small vessel
- Bifurcation lesion
- CTO
- Saphenous vein graft

Specific patient subsets

- **Diabetes mellitus**
- **Acute MI**

First Study with Cypher 1-Year F/U : Restenosis : 7.3 %

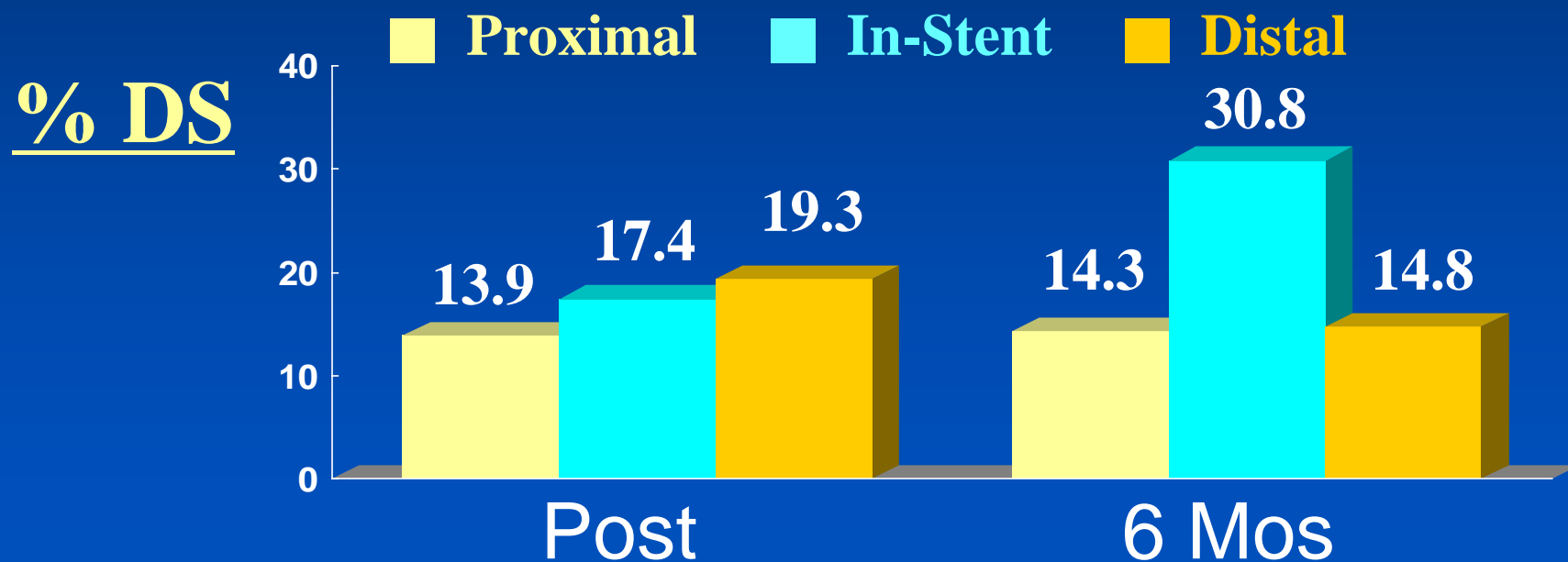
■ Brazil (n=25) ■ Rotterdam (n=16) ■ Pooled data (n=41)



K Tanabe, Circulation 2003;107

TAXUS III for ISR : Re-Restenosis :16%

2 Clinical Centers (n=28 pts)



K Tanabe, Circulation 2003;107



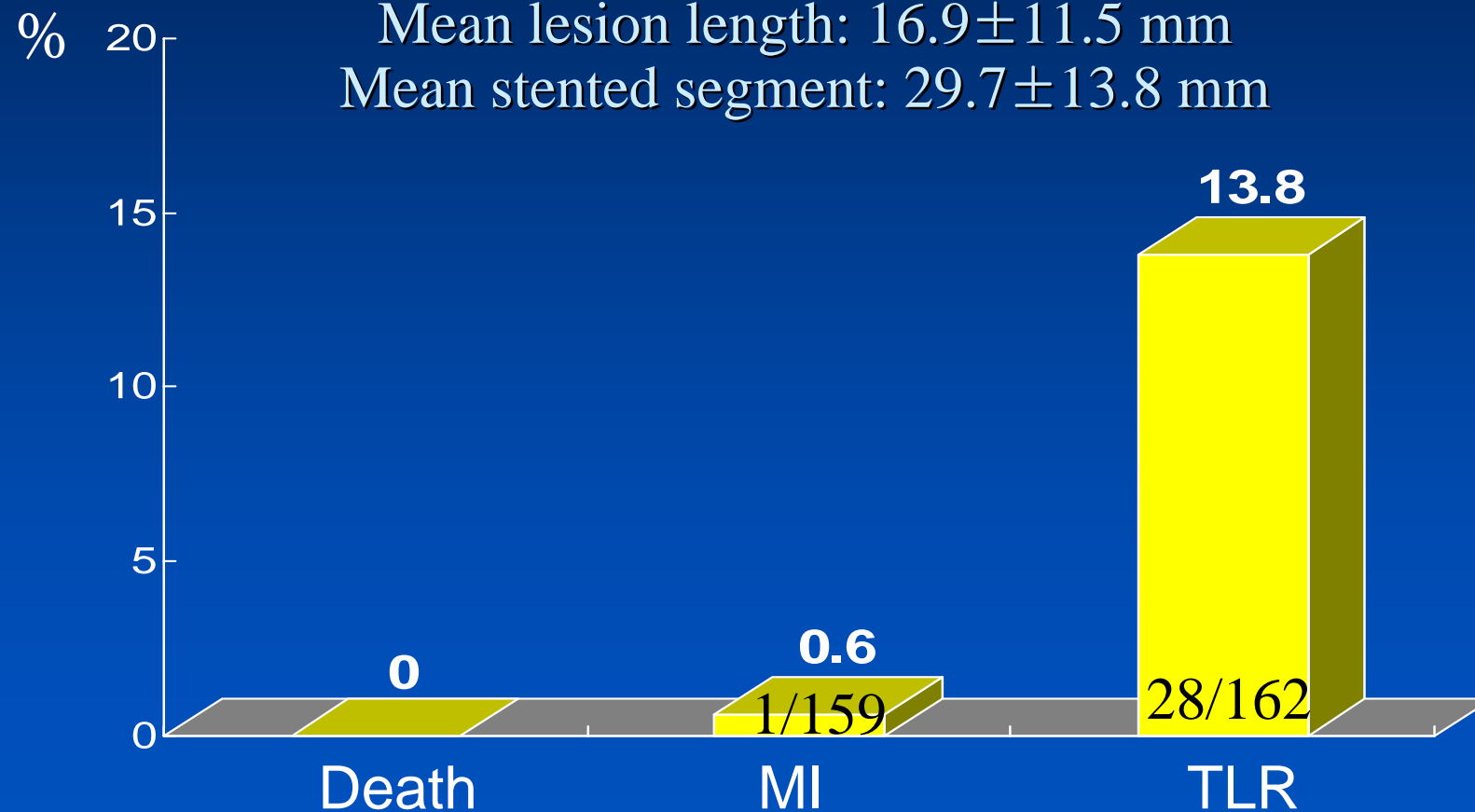
Cypher for ISR in Milan : TLR 14 %

Immediate and mid-term results

206 ISR, 159 patients

Mean lesion length: 16.9 ± 11.5 mm

Mean stented segment: 29.7 ± 13.8 mm

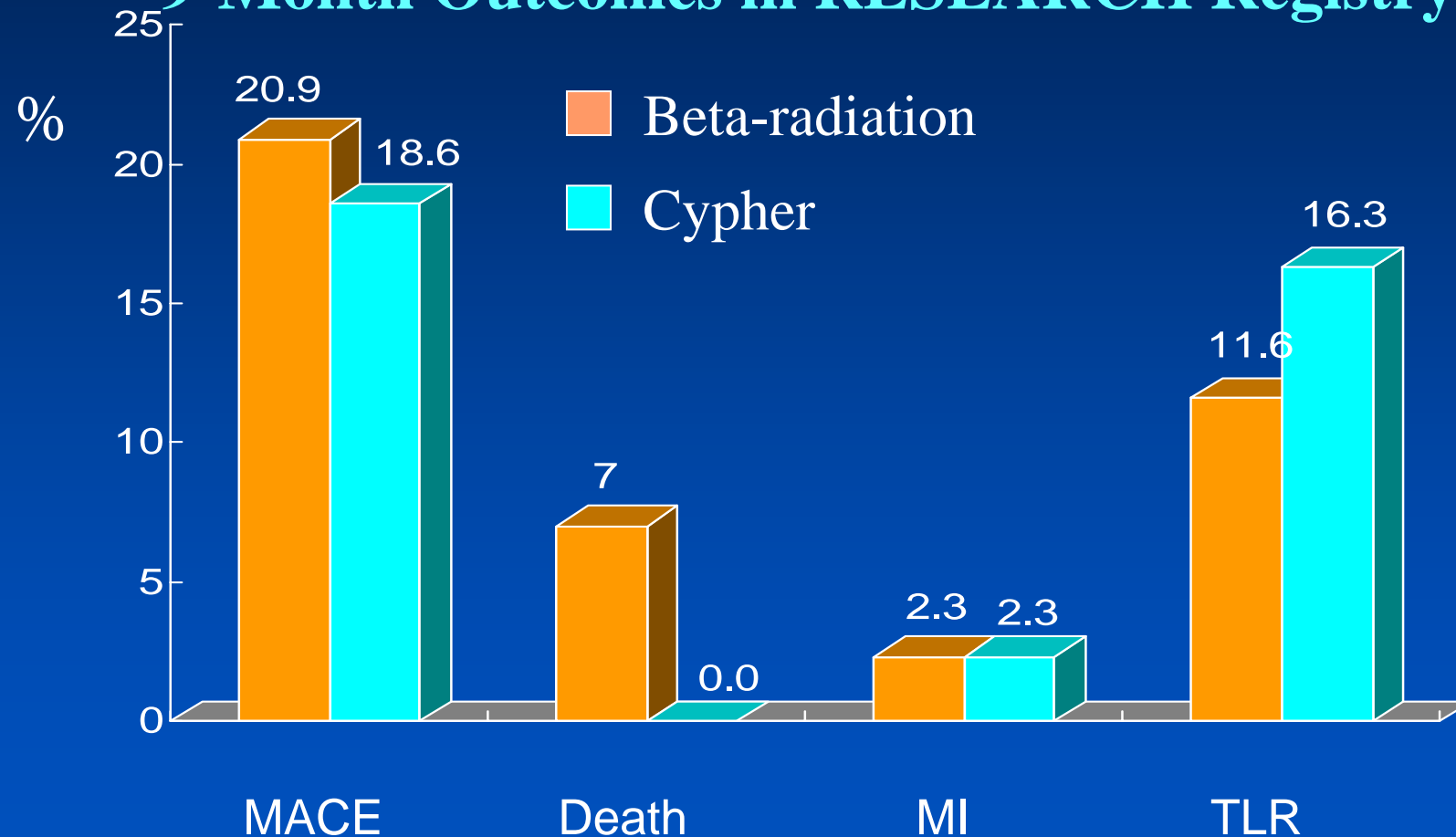


ACC 2004



Similar TLR; Cypher vs. RT for ISR

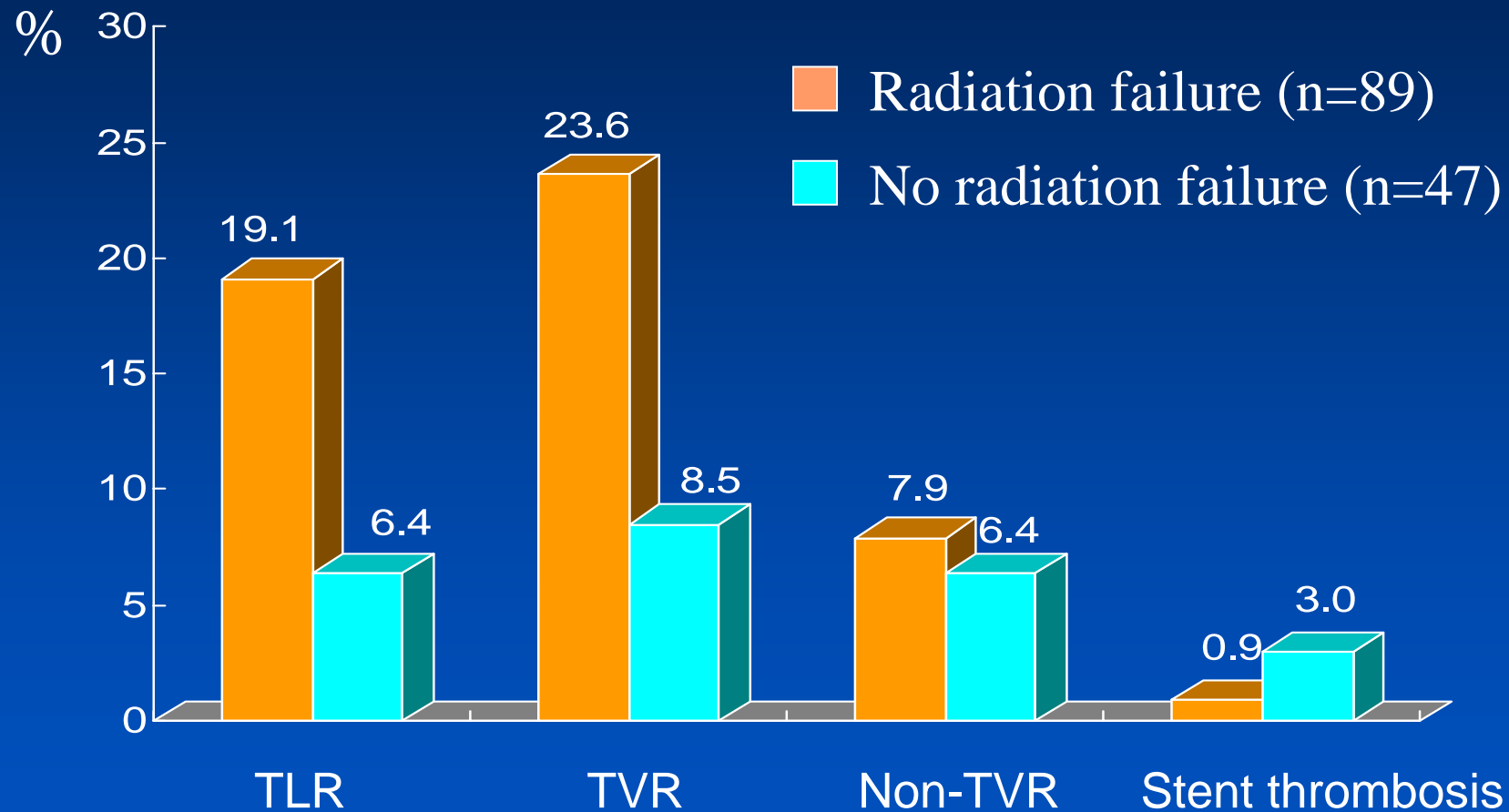
9-Month Outcomes in RESEARCH Registry



Saia F et al. Catheter Cardiovasc Interven (In press)

High TLR : Cypher for RT Failure

6-Month Outcomes in SECURE registry



Teirstein PS et al. AHA 2003



6-Month Restenosis : 3.8 %

52 / 69 eligible
lesions (75%)

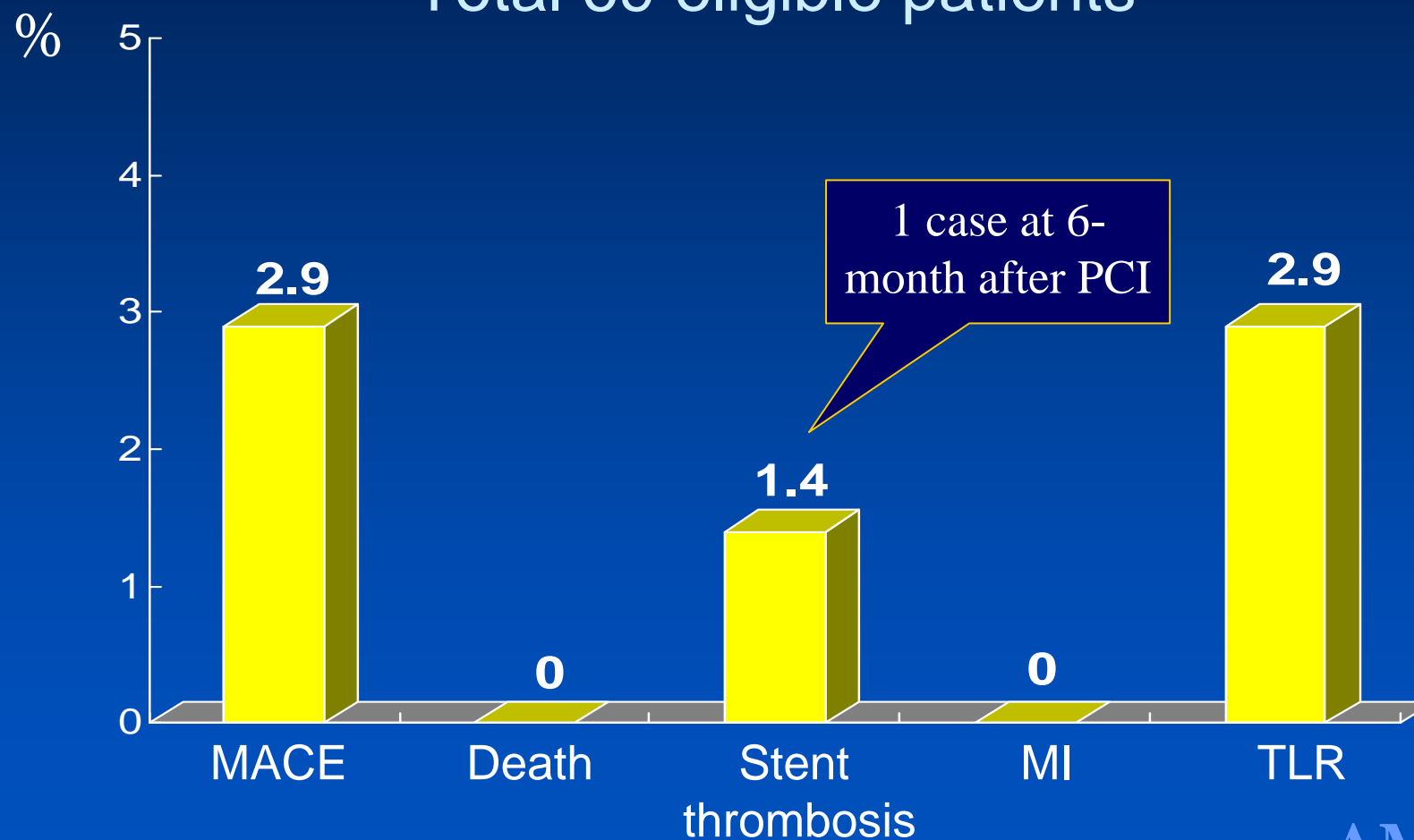
Reference vessel (mm)	2.77 ± 0.48
MLD (mm)	2.40 ± 0.66
Late loss (mm)	0.55 ± 0.42
Diameter stenosis (%)	12.8 ± 21.7
Binary restenosis (%)	2 (3.8%)
Focal	1
Diffuse	1

AMC-ISR



6-Month TLR : 2.9 %

Total 69 eligible patients



AMC-ISR



Randomized Comparison of Cypher vs. RT

From February 2003 till March 2004

Diffuse ($\geq 10\text{mm}$) In-Stent Restenosis

Randomization (1:1)

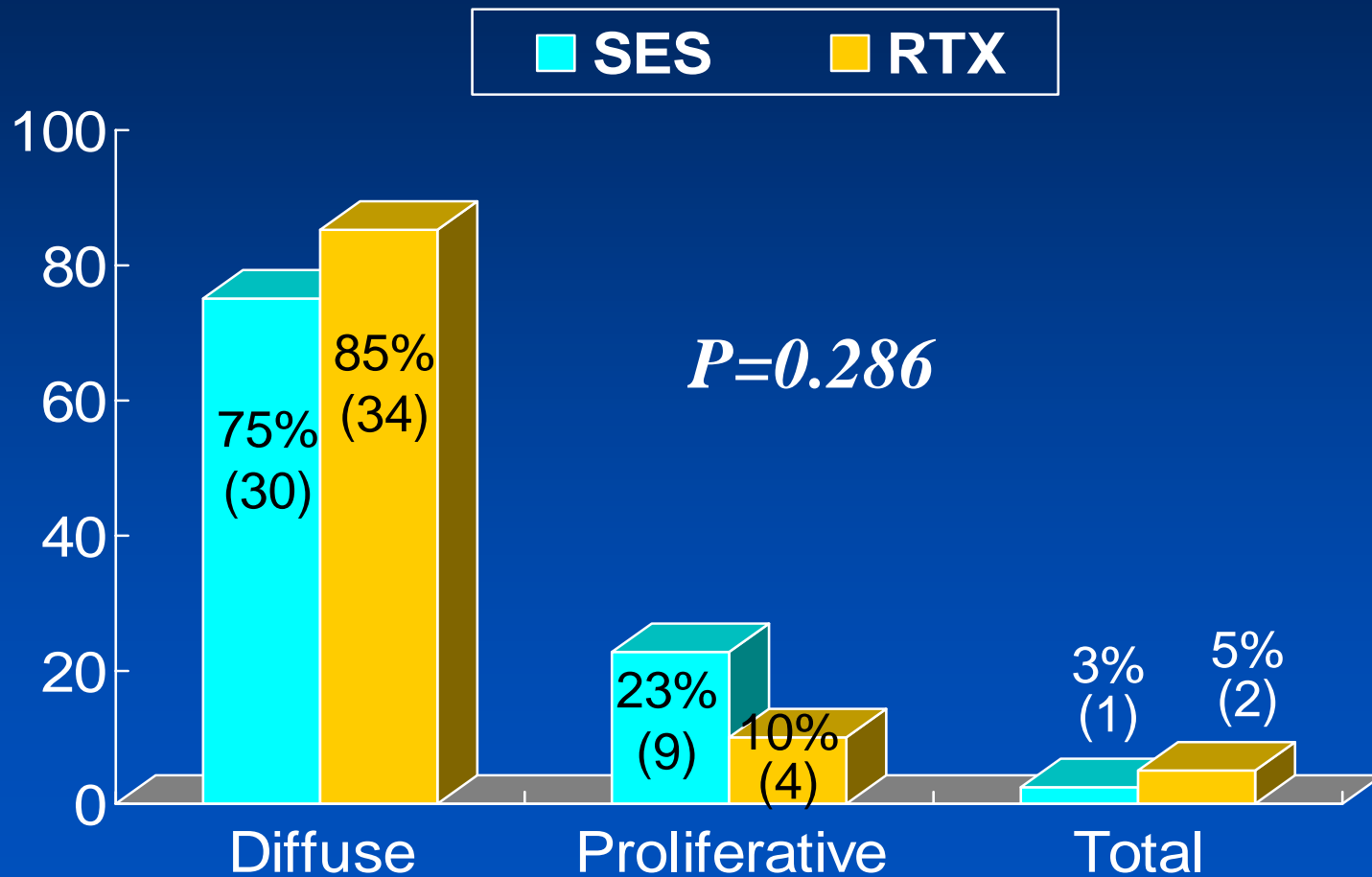
Cypher
(N=40)

Complete lesion
coverage with Cypher

Brachytherapy with
 ^{188}Re after cutting
balloon angioplasty
(N=40)

Radiation dose of **20 Gy at a
depth of 1.0 mm** into the
vessel wall

Diffuse ISR ($\geq 10\text{mm}$) were included



AMC-ISR



Lesion Length : 32 mm

	Cypher	RT	P value
Pre-procedure			
Reference vessel (mm)	2.96±0.55	2.86±0.56	0.446
MLD (mm)	0.89±0.43	0.83±0.35	0.473
Diameter stenosis (%)	69.9±13.8	70.6±12.6	0.831
Lesion length (mm)	31.7±12.4	32.8±16.6	0.744
Post-procedure			
MLD (mm)	2.92±0.45	2.42±0.44	<0.001
Diameter stenosis (%)	0.19±13.6	14.2±14.1	<0.001
Acute gain (mm)	2.02±0.51	1.59±0.52	<0.001

AMC-SES/RT



QCA Analysis

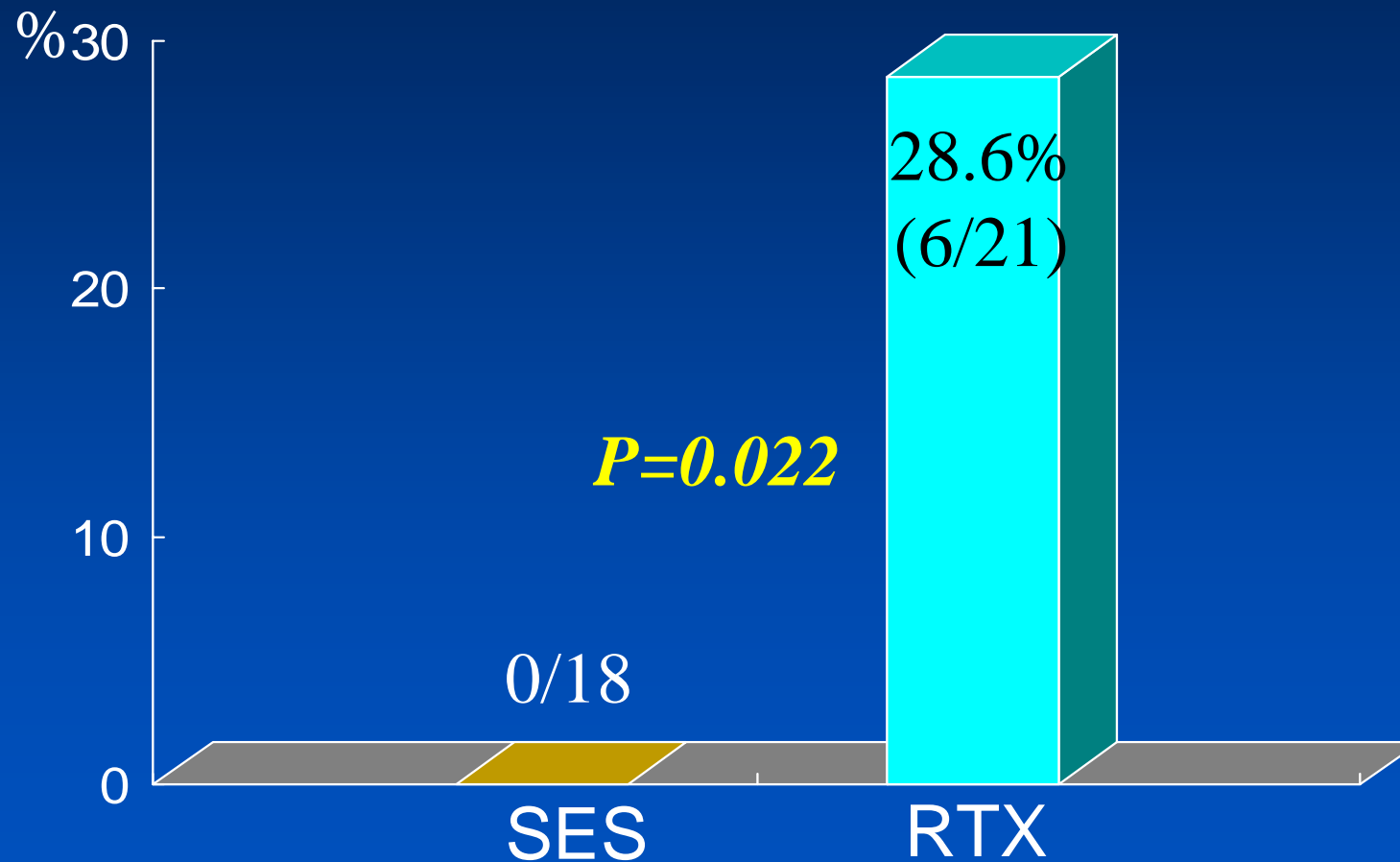
Follow-UP Results

	Cypher	RT	p
Follow-up	18	21	
Reference (mm)	2.83±0.44	2.74±0.36	0.606
MLD (mm)	2.38±0.66	1.67±0.73	0.017
DS (%)	15.4±19.9	39.6±24.0	0.012
Late loss (mm)	0.75±0.39	0.94±0.66	0.388

AMC-SES/RT



Restenosis Rate : 0 %



AMC-SES/RT



6-Month TLR : 4 %

	Cypher	RT	P value
Eligible	24	27	
Death	0	0	
MI	0	0	
Q-wave			
Non-Q-wave			
Thrombosis	1 (4%)	0	1.000
TLR	1 (4%)	3	0.612
MACE	1 (4%)	(11%) (11%)	0.612

AMC-SES/RT



Global DES Use is reasonable approach based on the data

DES works for ISR.

The efficacy would be comparable with that of brachytherapy

Efficacy Concerns

Specific lesion subsets

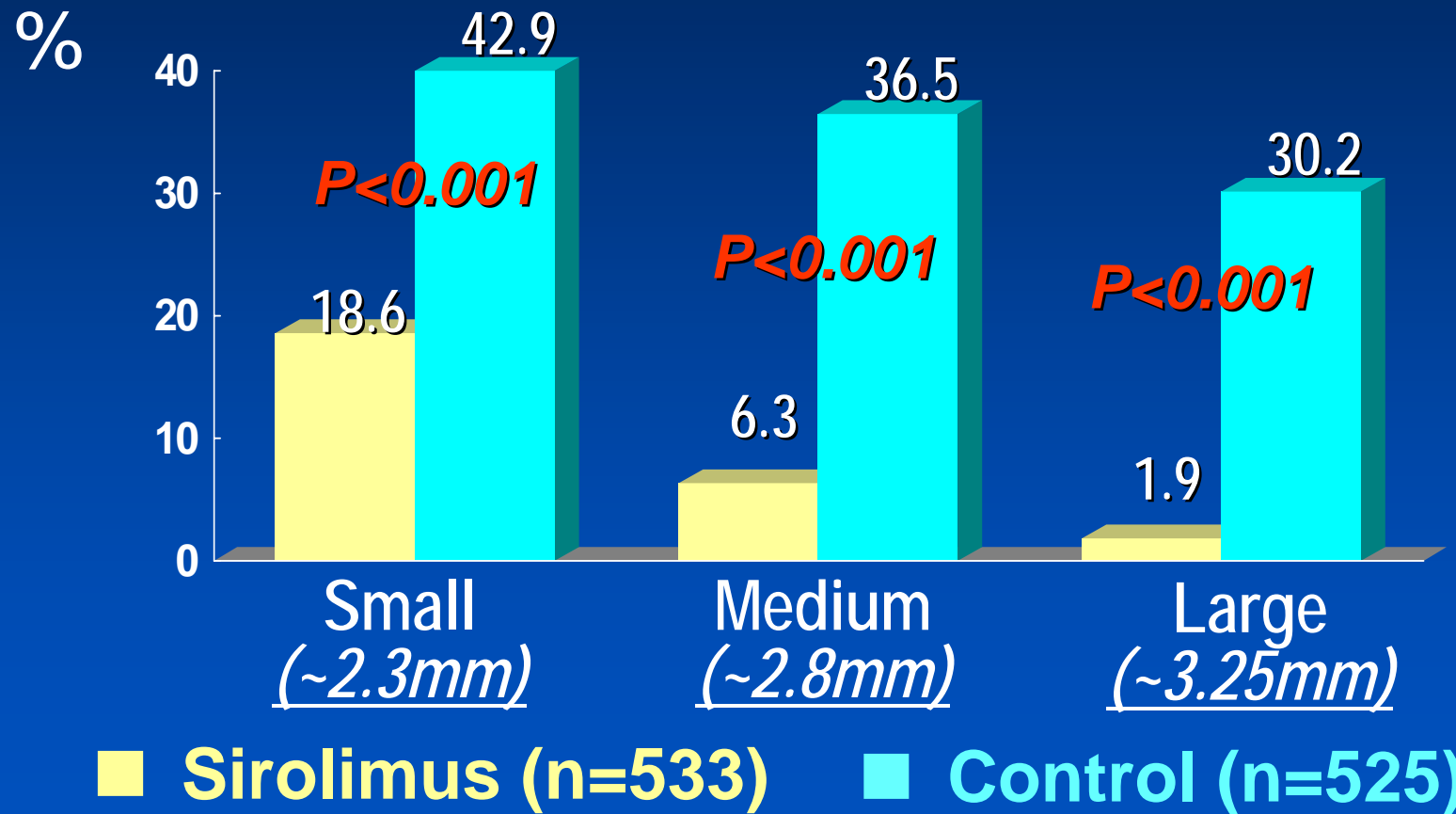
- Left main disease
- Long lesion
- In-stent restenosis
- **Small vessel**
- Bifurcation lesion
- CTO
- Saphenous vein graft

Specific patient subsets

- **Diabetes mellitus**
- **Acute MI**

Impact of Vessel Diameter in SIRIUS

Restenosis (analysis segment)

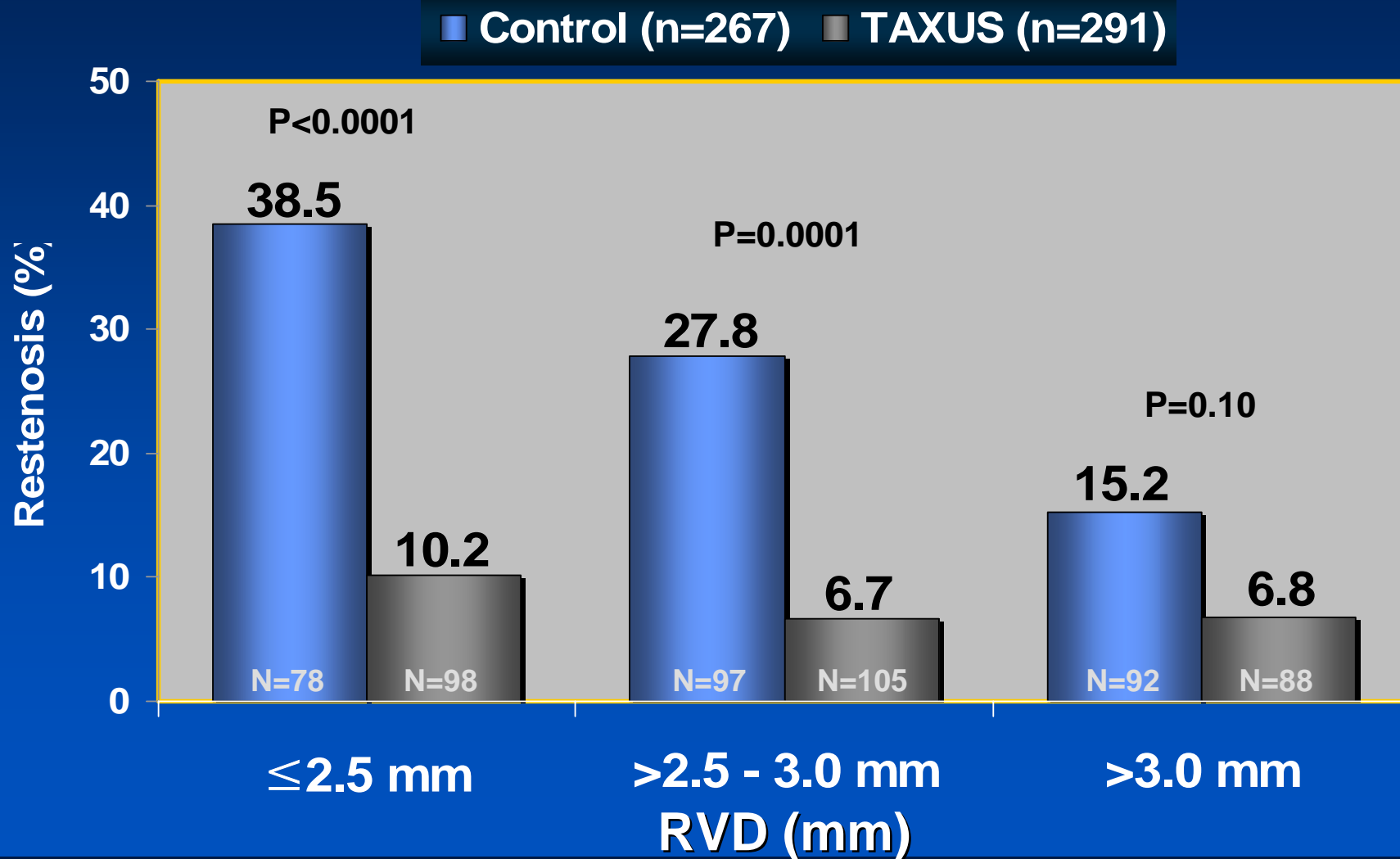


TCT, Oct 2002



Impact of Vessel Diameter in TAXUS IV

Restenosis (analysis segment)



SES-SMART Randomized Trial in Small Vessels ($\leq 2.75\text{mm}$)

8 month Results

	Sirolimus Group (n=129)	Uncoated Stent (n=128)	P Value
Binary Restenosis (in-segment)	9.8%	53.1%	< 0.001
Late Loss	0.16 mm	0.69 mm	< 0.001
Loss Index	0.11	0.68	< 0.001
MLD – pre-procedure	0.73 \pm 0.23	0.71 \pm 0.23	No diff
MLD – post-procedure	2.16 \pm 0.24	2.14 \pm 0.24	No diff
MLD – at 8months	2.01 \pm 0.43	1.2 \pm 0.64	< 0.001
TLR (all)	7.0%	21.1%	0.0021
TLR-PCI	7.0%	19.5%	0.0053
MACE	9.3%	31.3%	< 0.001

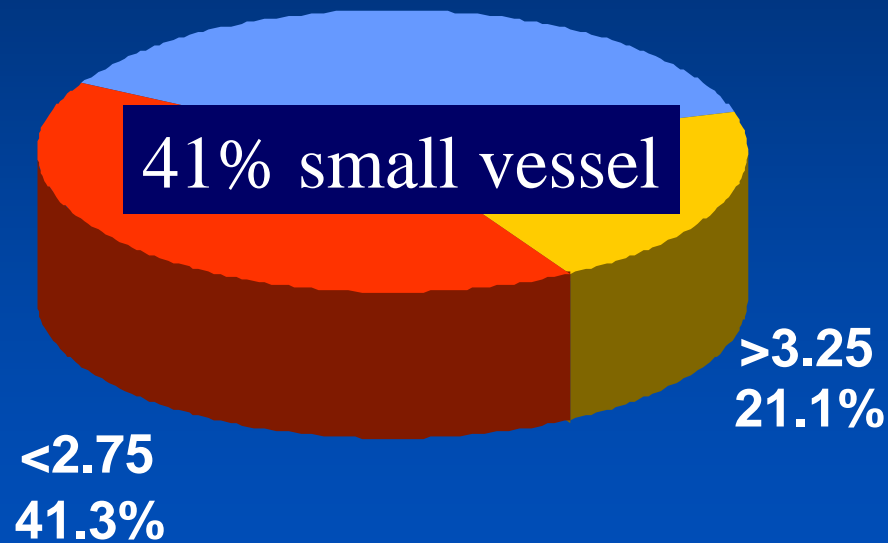
ACC 2004



Reference Vessel Size in AMC

Cypher Stent (n=1093)

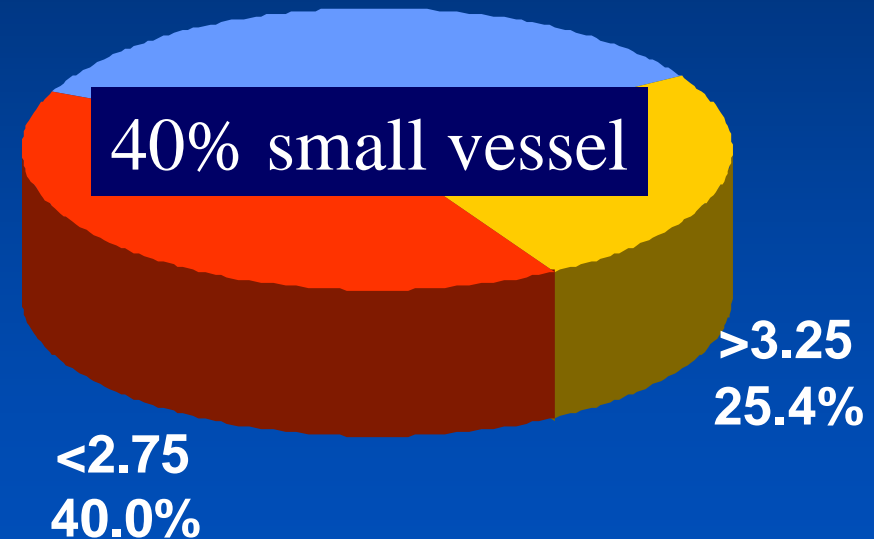
2.75~3.25
37.6%



Mean: $2.91 \pm 0.48\text{mm}$

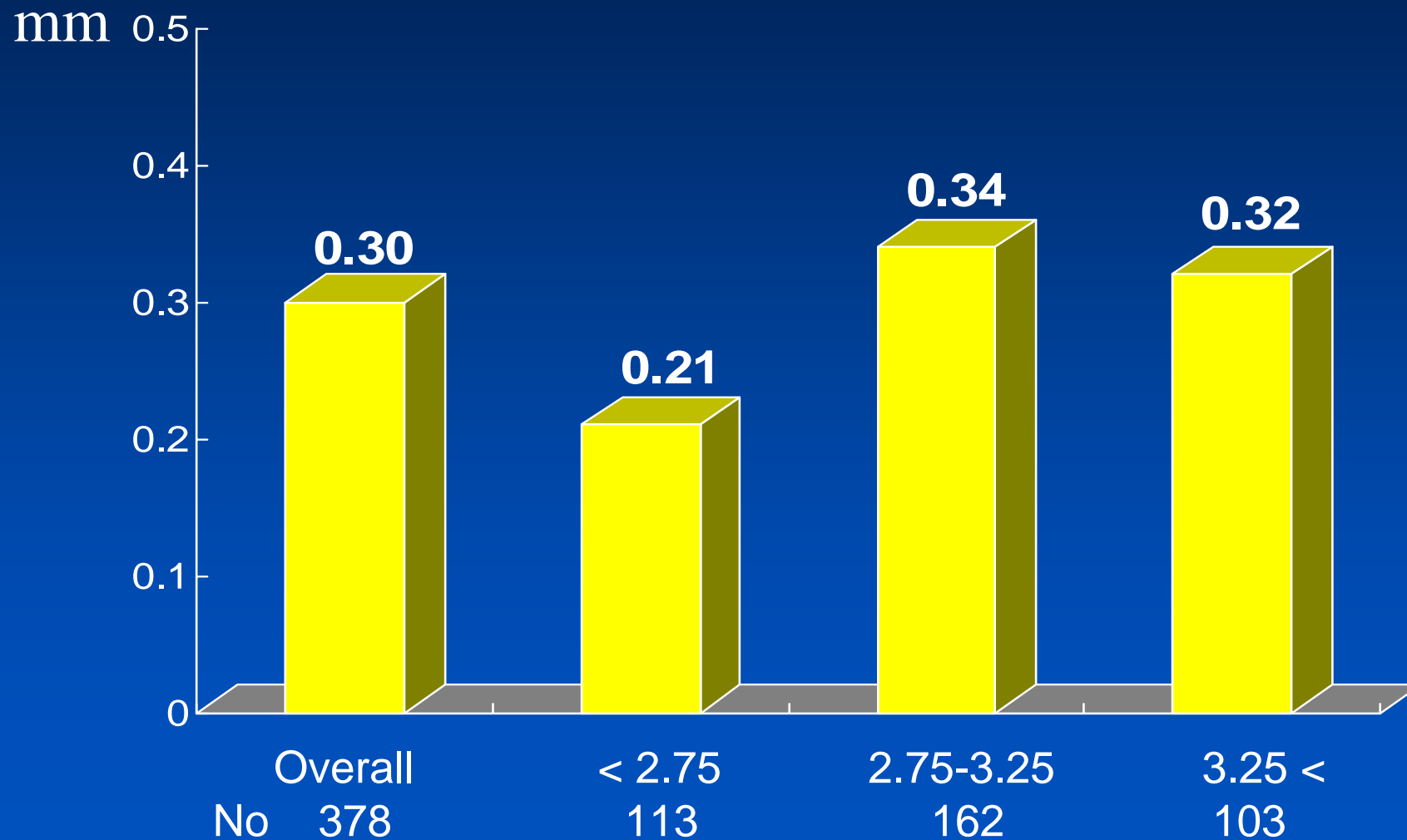
Taxus Stent (n=318)

2.75~3.25
34.6%

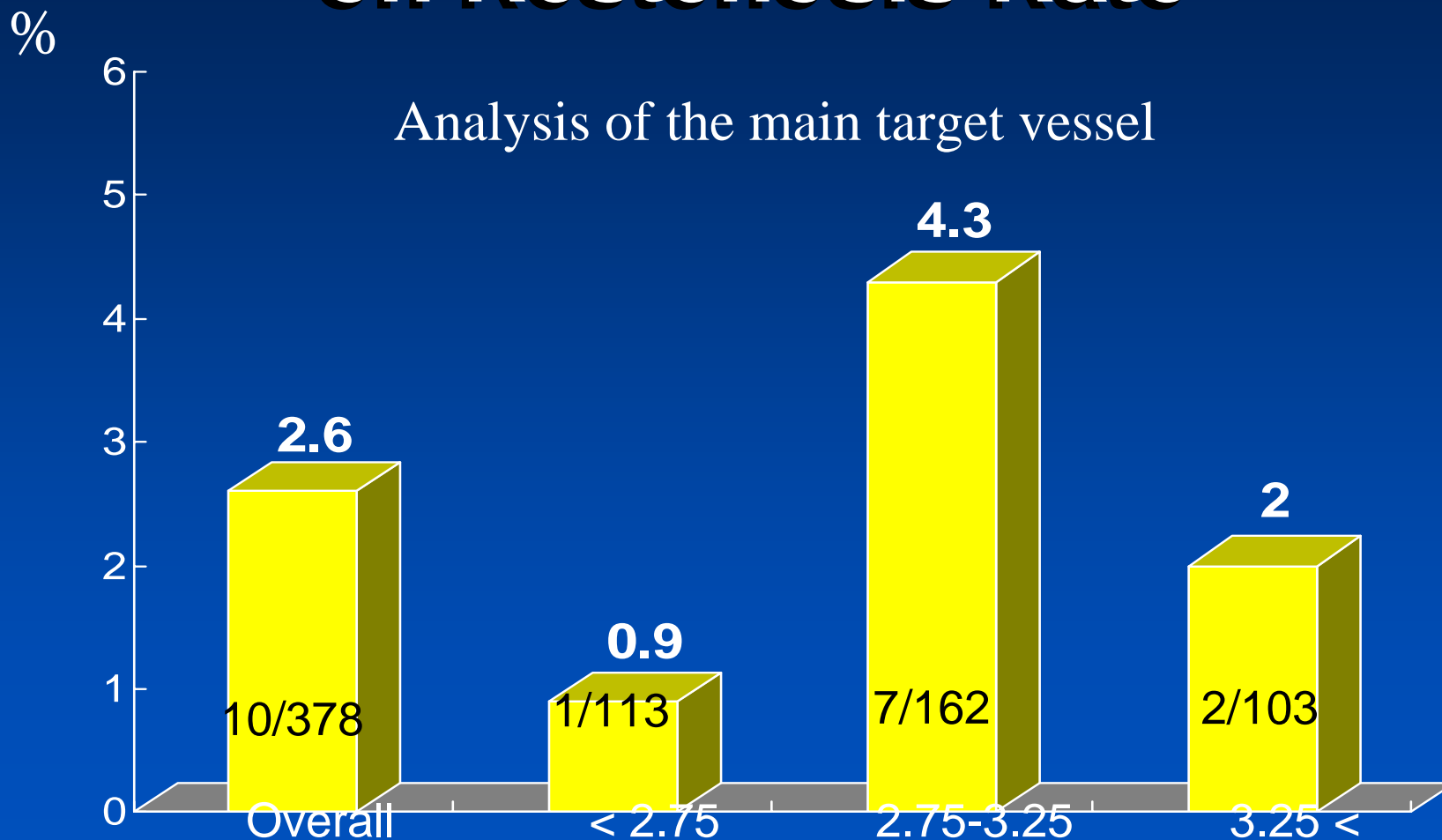


Mean: $2.93 \pm 0.52\text{mm}$

Late Loss : 0.30 mm



Impact of Vessel Size on Restenosis Rate



**Global DES Use is reasonable
approach based on the data**

DES works for small vessel disease



Efficacy Concerns

Specific lesion subsets

- Left main disease
- Long lesion
- In-stent restenosis
- Small vessel
- **Bifurcation lesion**
- CTO
- Saphenous vein graft

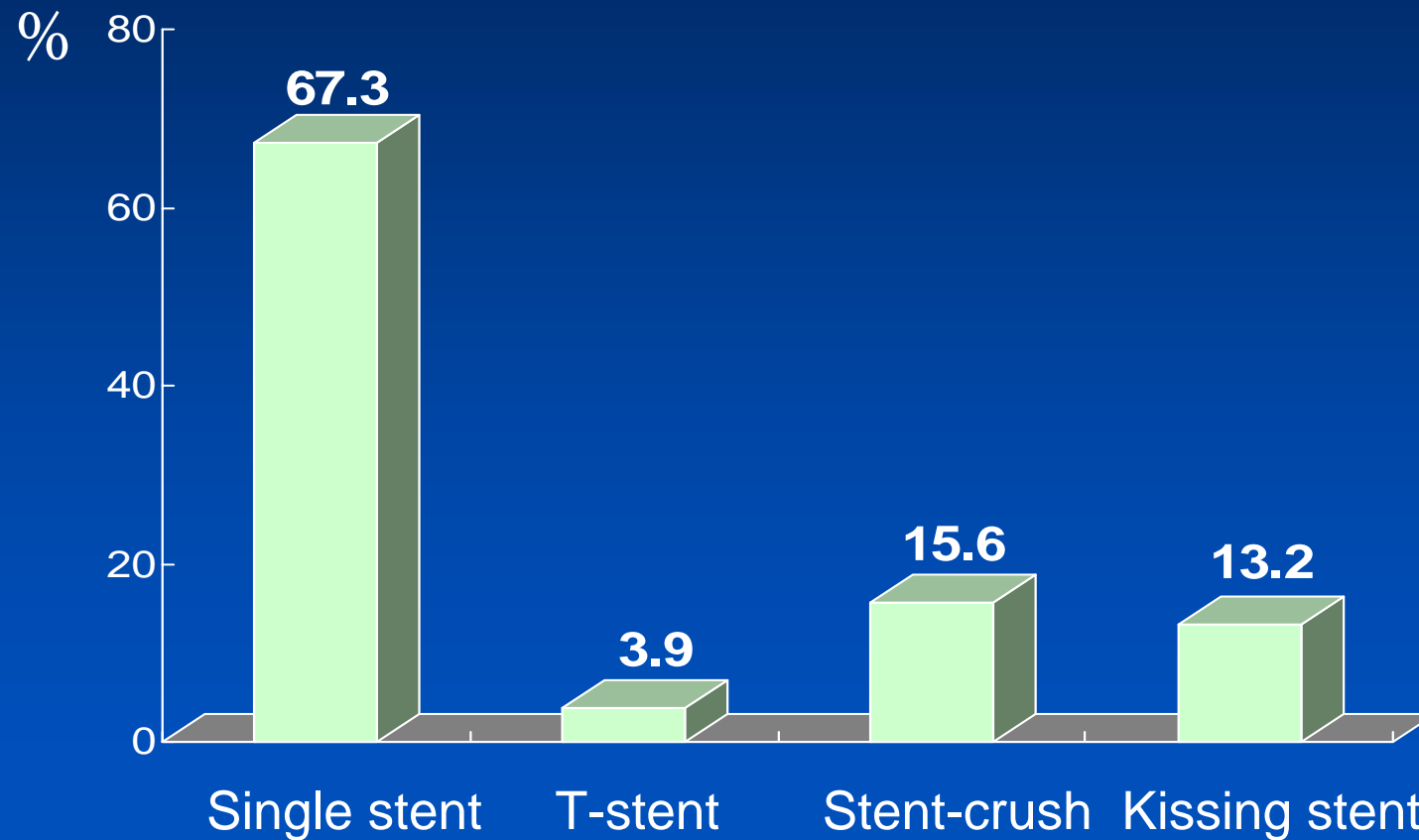
Specific patient subsets

- **Diabetes mellitus**
- **Acute MI**

Bifurcation Lesions in AMC

Treatment Strategies

Total 205 lesions with side branch $\geq 2.5\text{mm}$



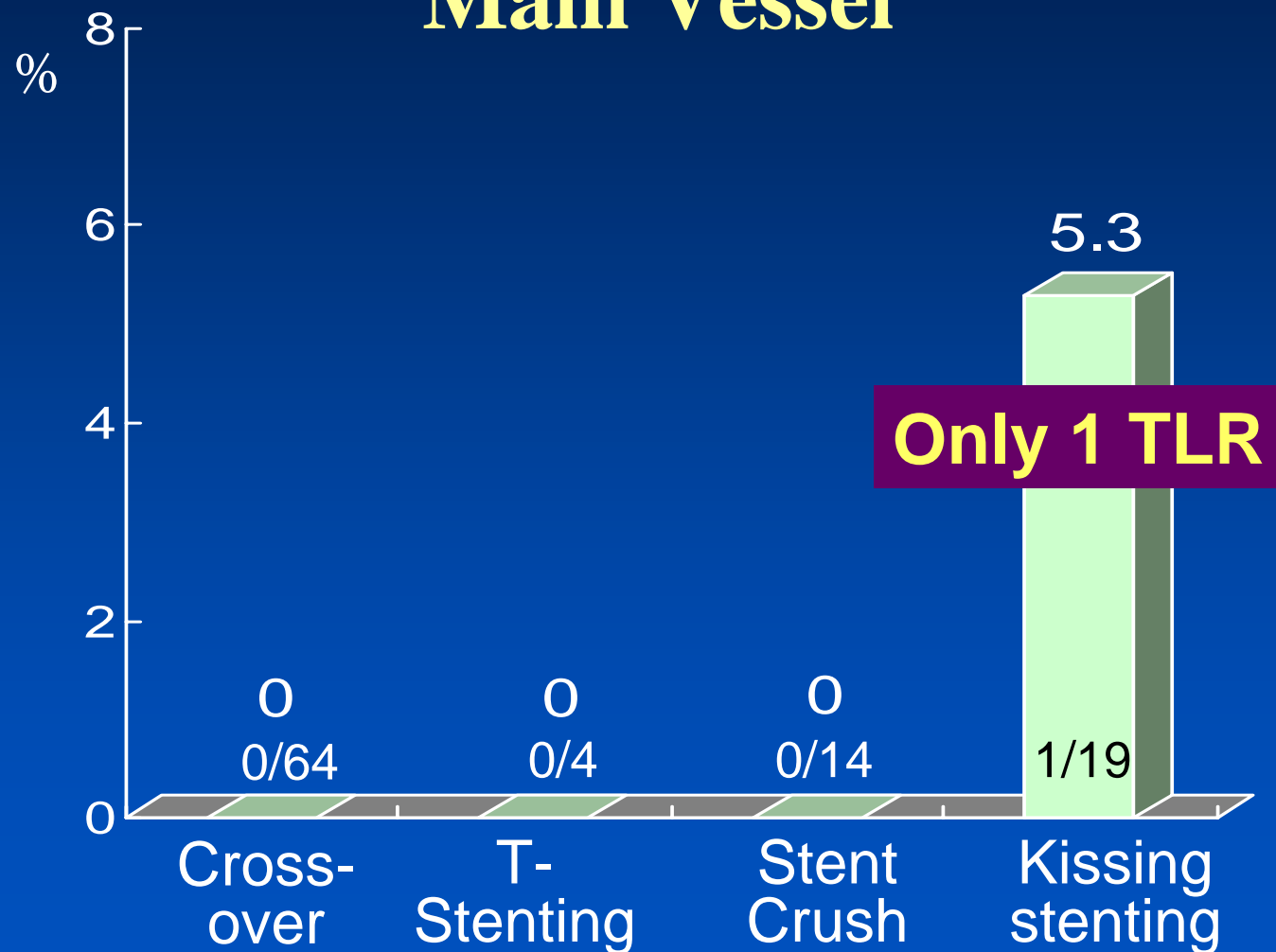
Late Loss at 6-month angiography

	No	Main vessel	Side branch
Single stent	62	0.21±0.46	0.06±0.44
T-stent	4	0.21±0.46	0.16±0.49
Stent-crush	14	0.16±0.45	0.51±0.88
Kissing stent	19	0.55±0.60	0.34±0.34

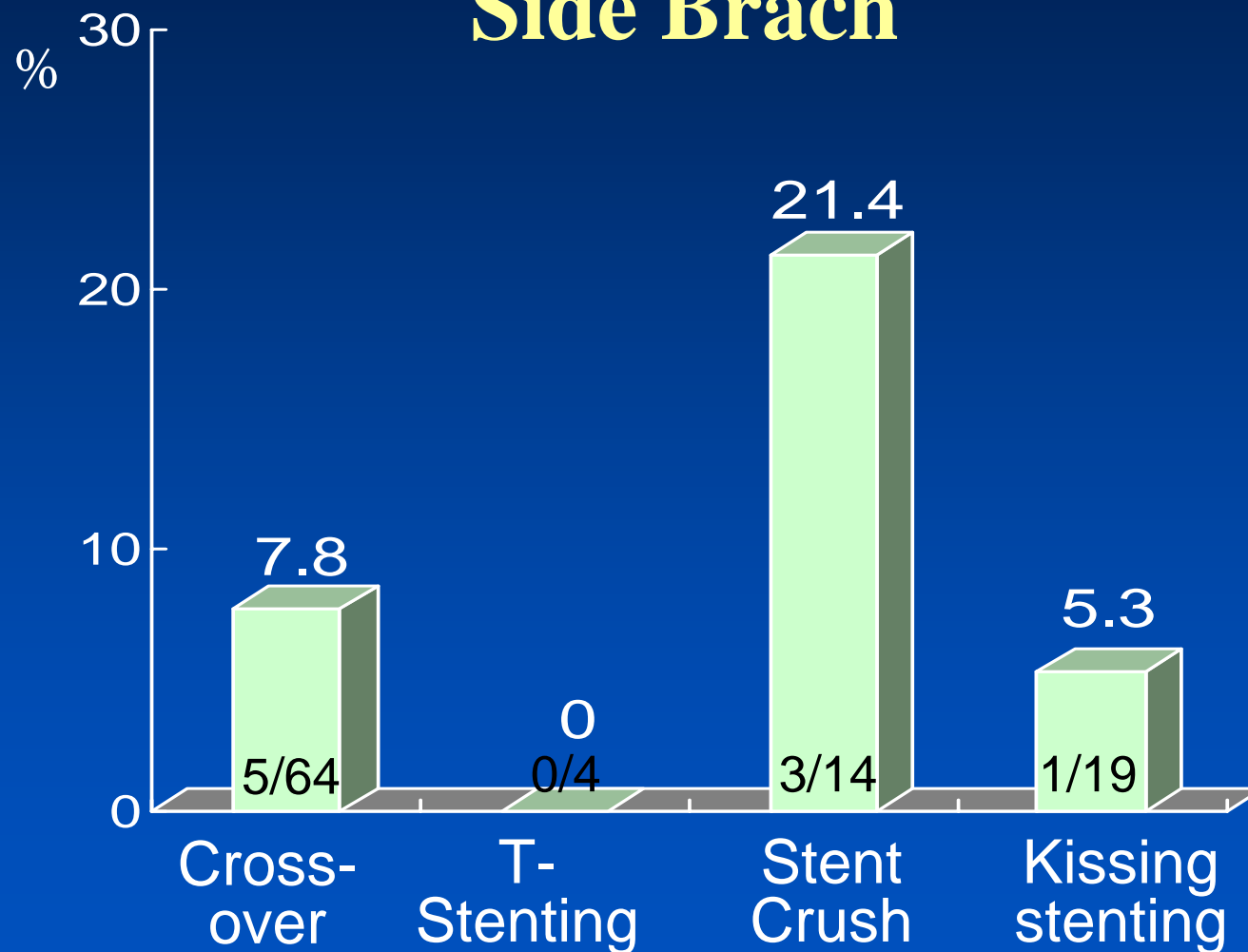
AMC-Bifurcation

Restenosis Rate : 5.3 %

Main Vessel

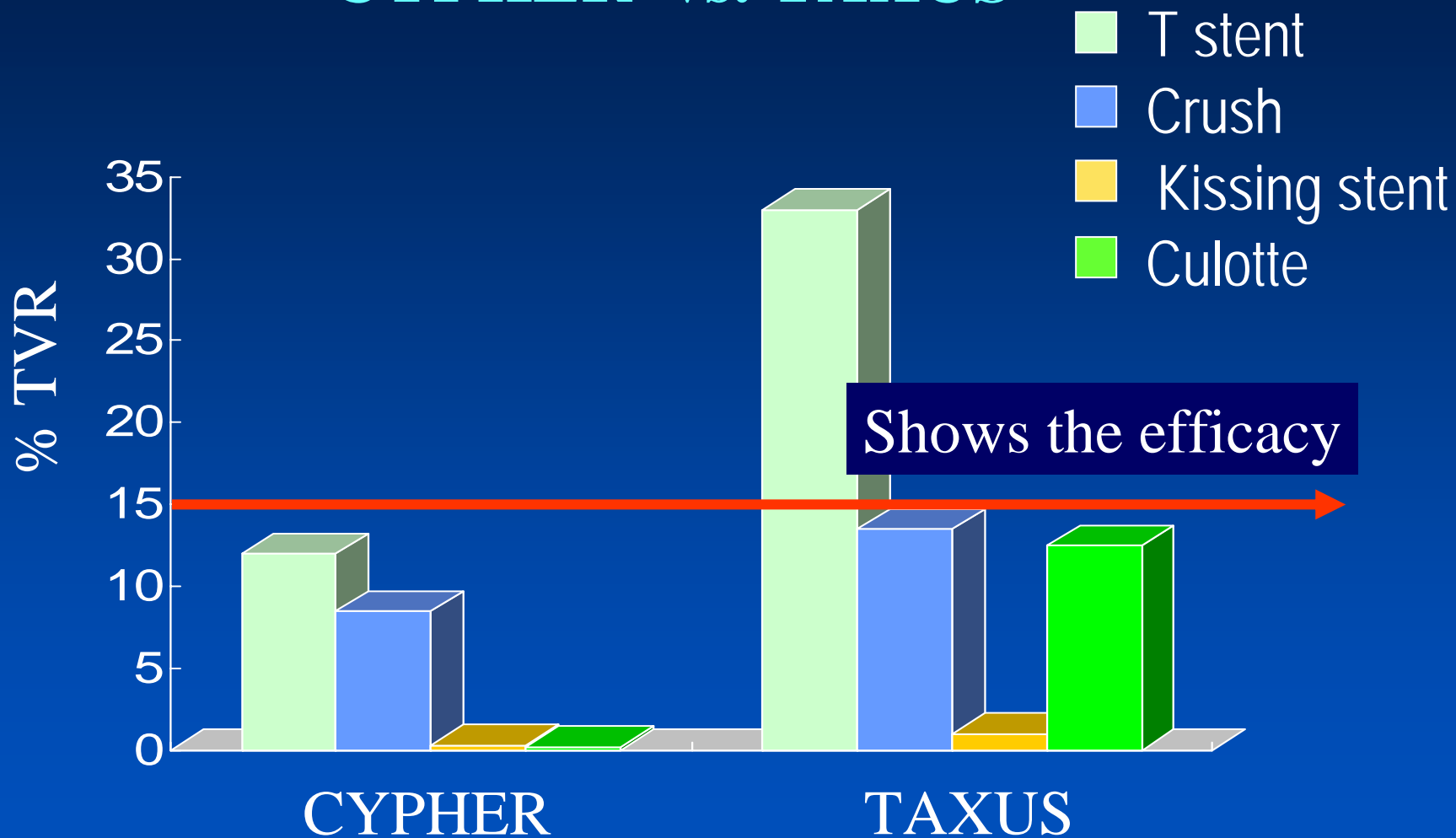


Restenosis Rate Side Branch



TVR in RESEARCH Bifurcation

CYPHER vs. TAXUS



PW Serruys et al, ACC 2004



Global DES Use is reasonable approach based on the data

For the bifurcation lesion,
DES may be promising if appropriately
performed the procedure...

Efficacy Concerns

Specific lesion subsets

- Left main disease
- Long lesion
- In-stent restenosis
- Small vessel
- Bifurcation lesion
- CTO
- LAD lesion
- Saphenous vein graft

Specific patient subsets

- Diabetes mellitus
- Acute MI

CTO in 5 Asian Center

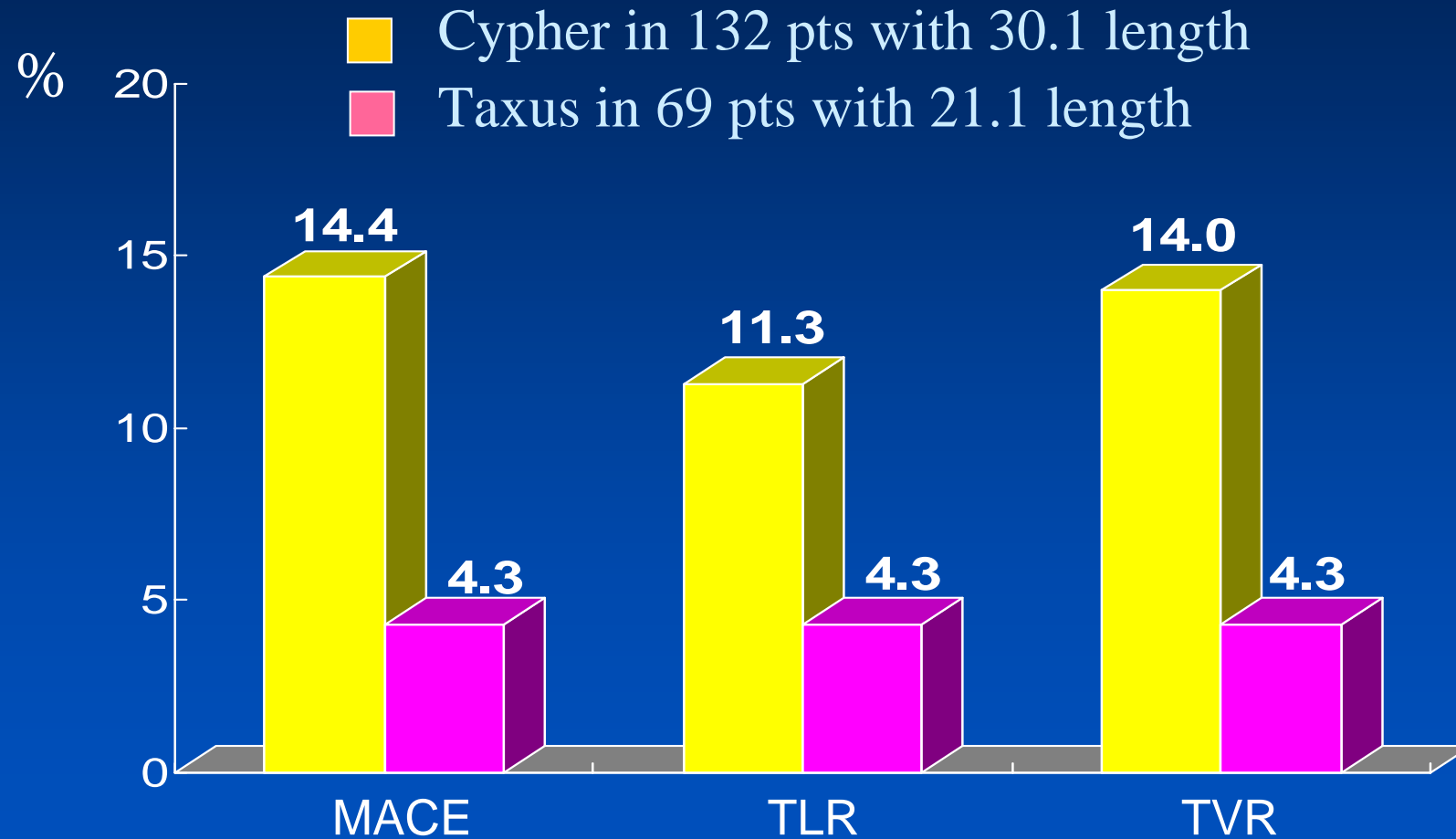
Total 88 pts with 102 CTOs treated with Cypher



Nakamura et al, ACC 2004



TLR : CTO in Milan



Colombo et al, ACC 2004



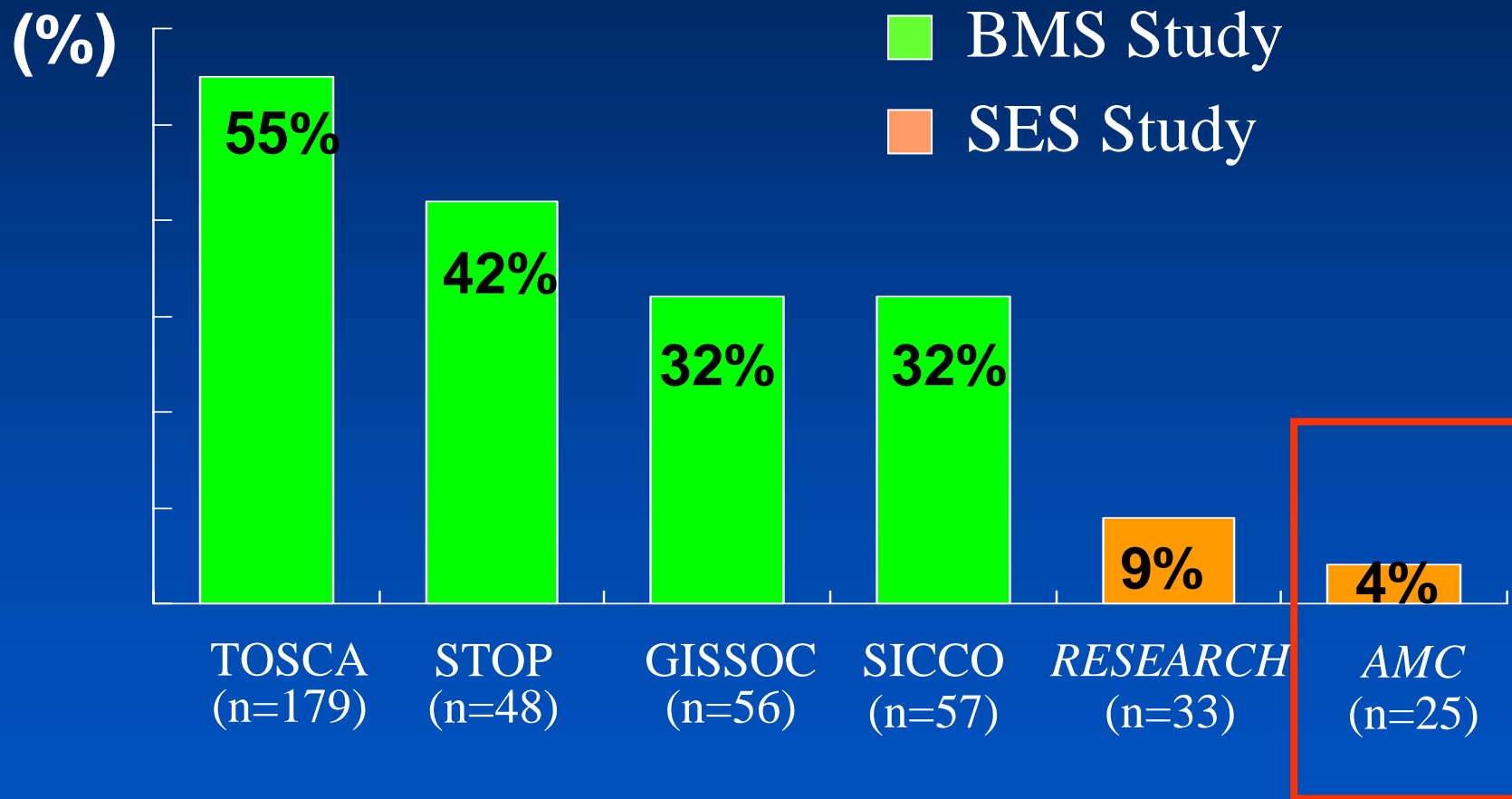
CTO in AMC

6-Month QCA Analysis from 57 lesions with Cypher implantation

6-month follow-up	25 / 32 eligible lesions (78%)
Reference vessel (mm)	2.95 ± 0.57
MLD (mm)	2.58 ± 0.79
Late loss (mm)	0.30 ± 0.69
Diameter stenosis (%)	12.2 ± 23.0
Binary restenosis (%)	1 (4%)

Historical Comparison

6 Month Restenosis Rate



Serruys et al, ACC 2004



**Global DES Use is reasonable
approach based on the data**

DES works for CTO



Efficacy Concerns

Specific lesion subsets

- Left main disease
- Long lesion
- In-stent restenosis
- Small vessel
- Bifurcation lesion
- CTO
- Saphenous vein graft

Specific patient subsets

- Diabetes mellitus
- Acute MI

DES for Saphenous Graft

We do not have appropriate stents for SVG. We are waiting for the suitable device and data.

Efficacy Concerns

Specific lesion subsets

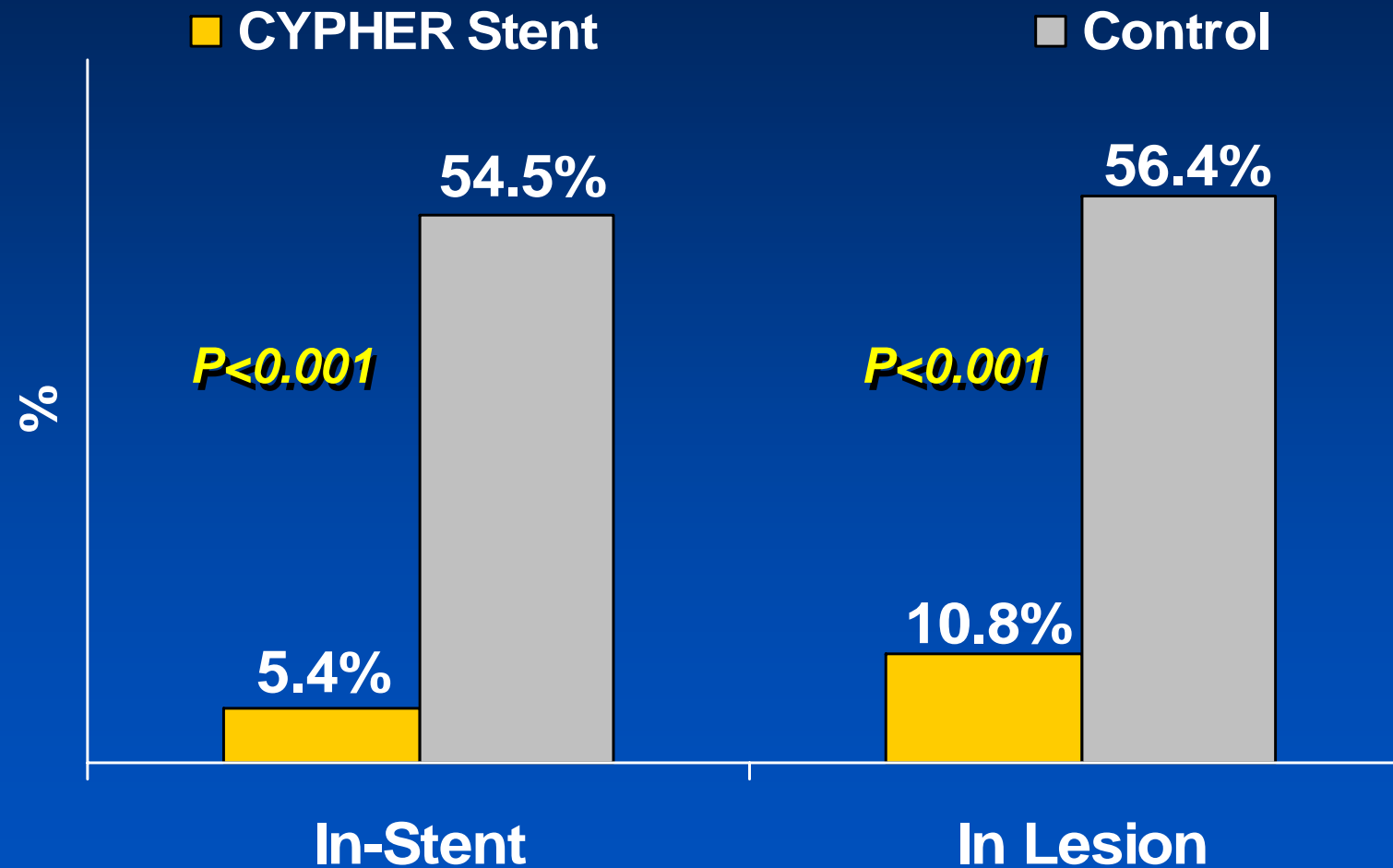
- Left main disease
- Long lesion
- In-stent restenosis
- Small vessel
- Bifurcation lesion
- CTO
- LAD lesion
- Saphenous vein graft

Specific patient subsets

- **Diabetes mellitus**
- **Acute MI**

Restenosis in Diabetic Subgroup

New-SIRIUS

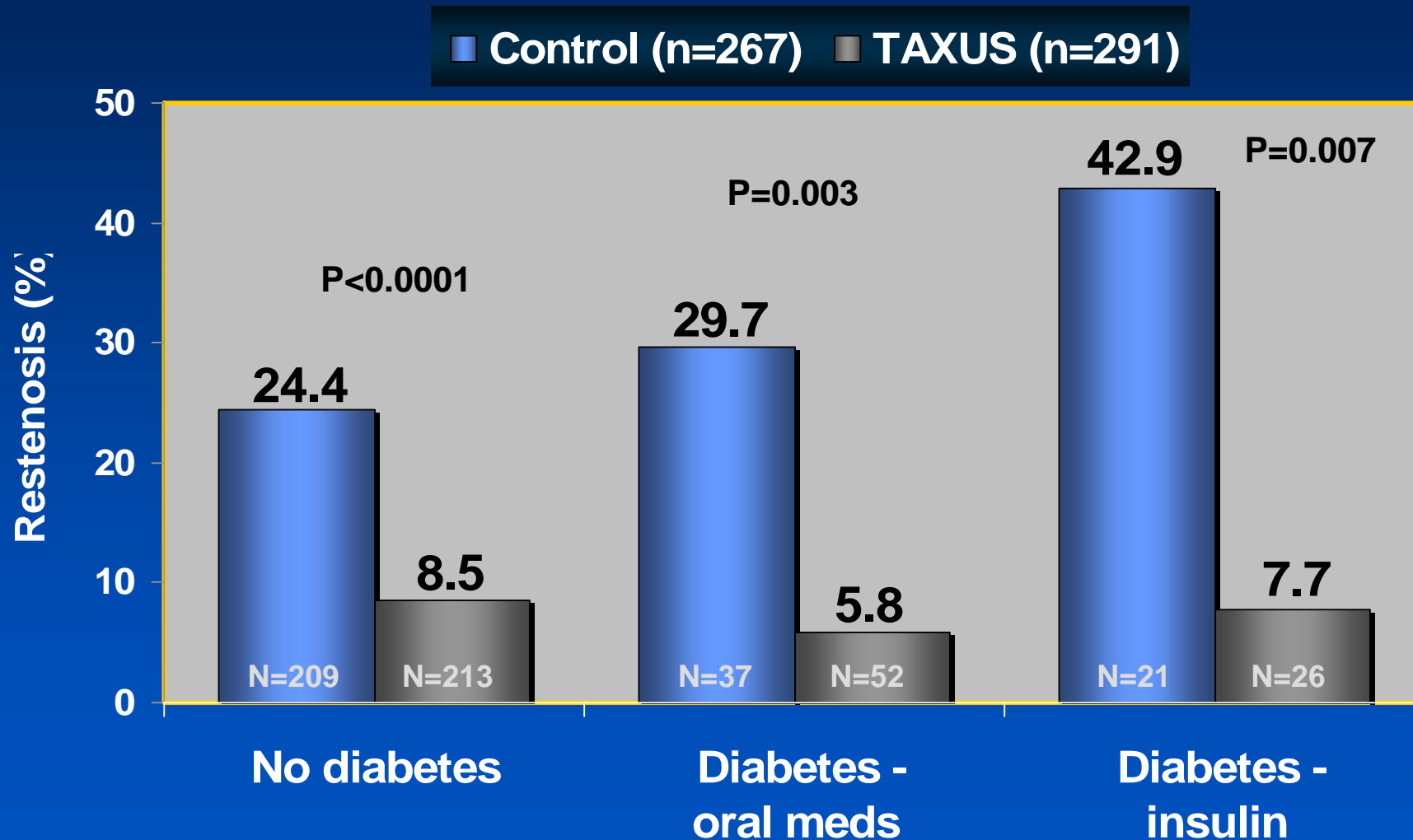


* Pooled data from the E- & C-SIRIUS trials, 8 mos. angiographic and 9 mos. clinical follow-up

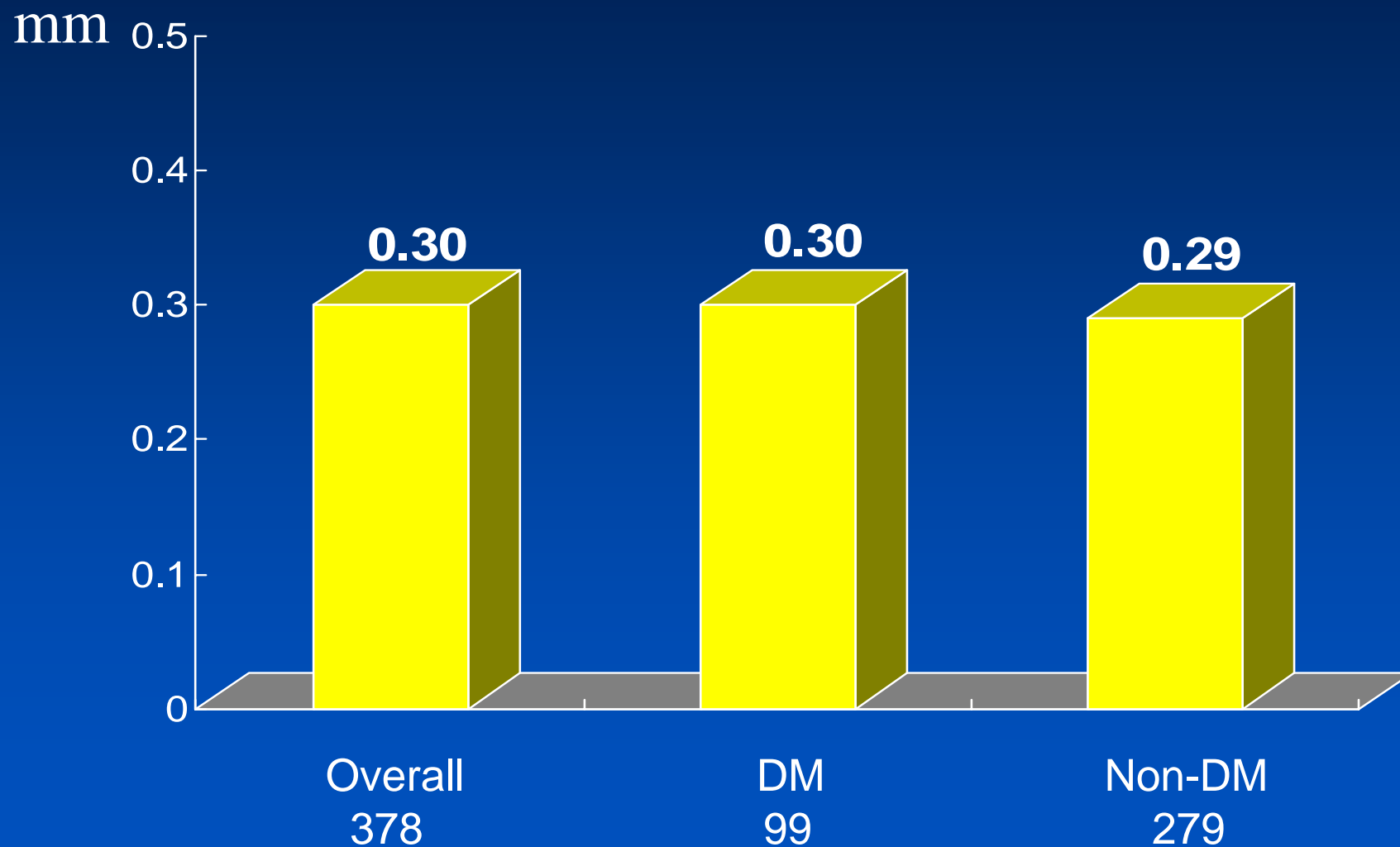


Restenosis in Diabetic Subgroup

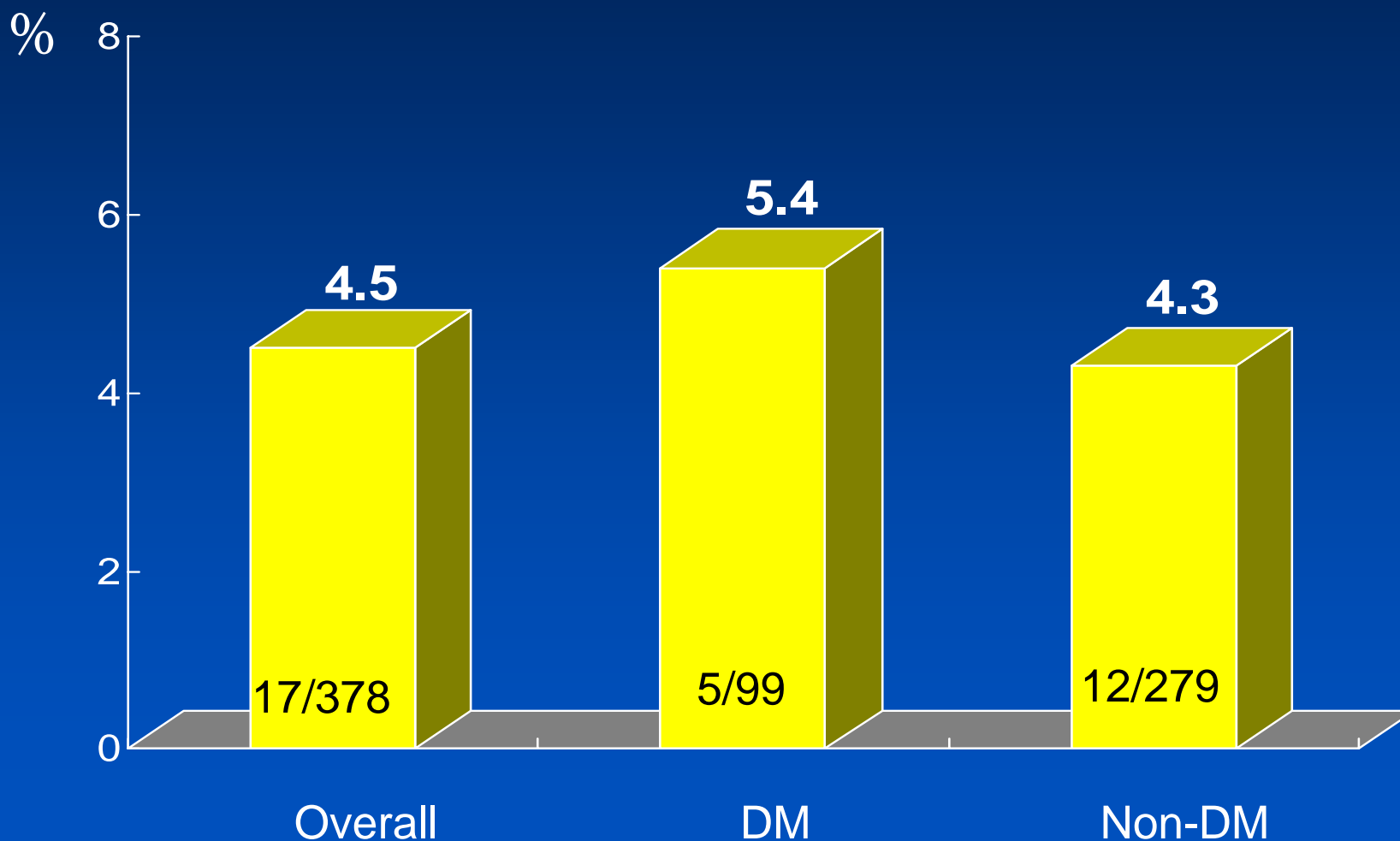
TAXUS IV



Impact of DM on Late Loss



Restenosis Rate in DM : 5.4 %



Efficacy Concerns

Specific lesion subsets

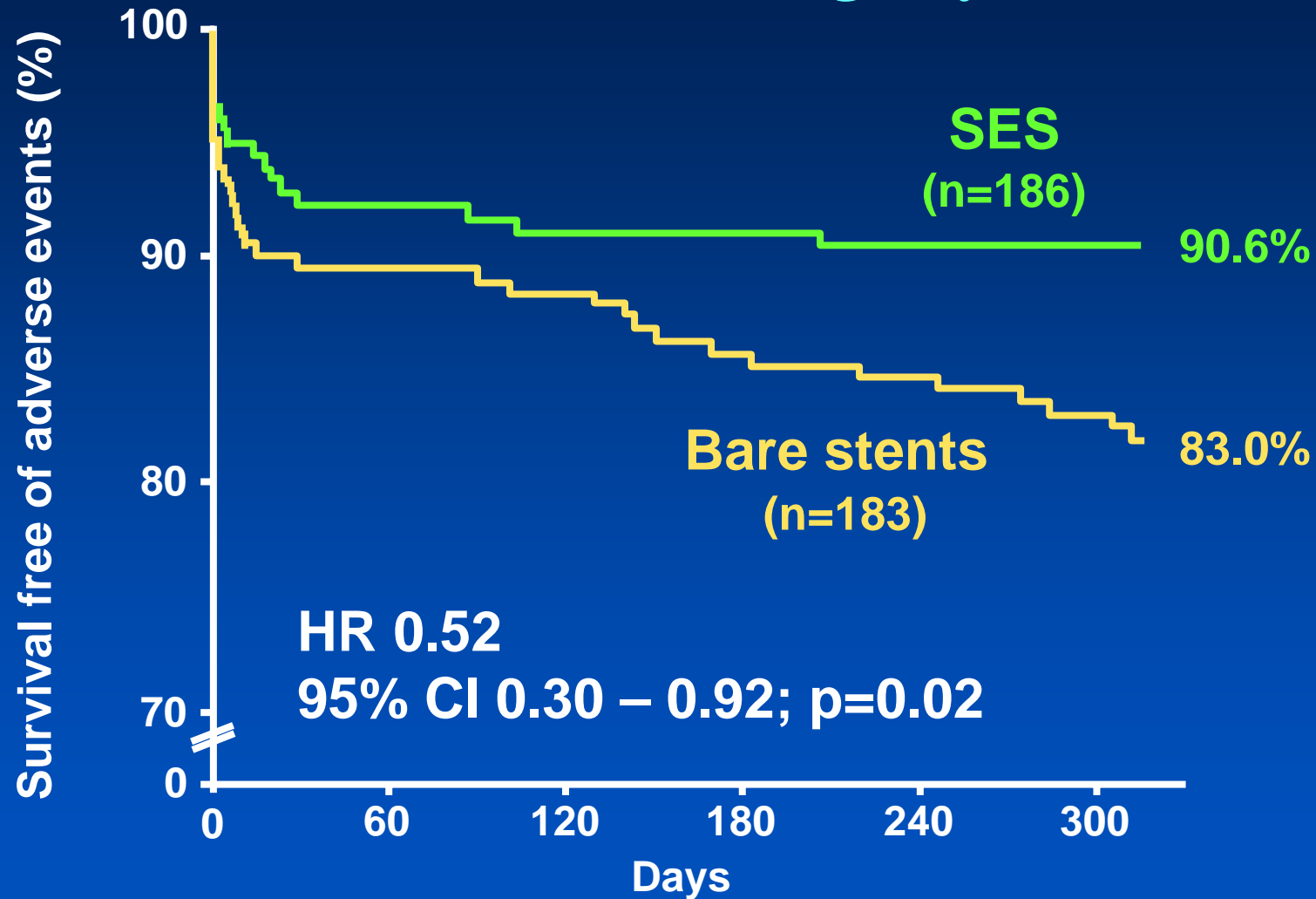
- Left main disease
- Long lesion
- In-stent restenosis
- Small vessel
- Bifurcation lesion
- CTO
- LAD lesion
- Saphenous vein graft

Specific patient subsets

- Diabetes mellitus
- Acute MI

MACE Free Survival in AMI

RESEARCH Registry



Saia et al. Circulation 2003



Primary Stenting for AMI in AMC

22 patients, 26 lesions for the past 3 months

- Death: 2 cases after procedure
- Recurrent MI: None
- TLR: None

Efficacy Concerns

Efficacy has been widely accepted in all lesions and patients. Except...

Specific lesion subsets

- Left main disease
- Long lesion
- In-stent restenosis
- Small vessel
- Bifurcation lesion
- CTO
- Saphenous vein graft

Specific patient subsets

More user-friendly and better outcomes (?) than RT

Maybe promising, if appropriately performed

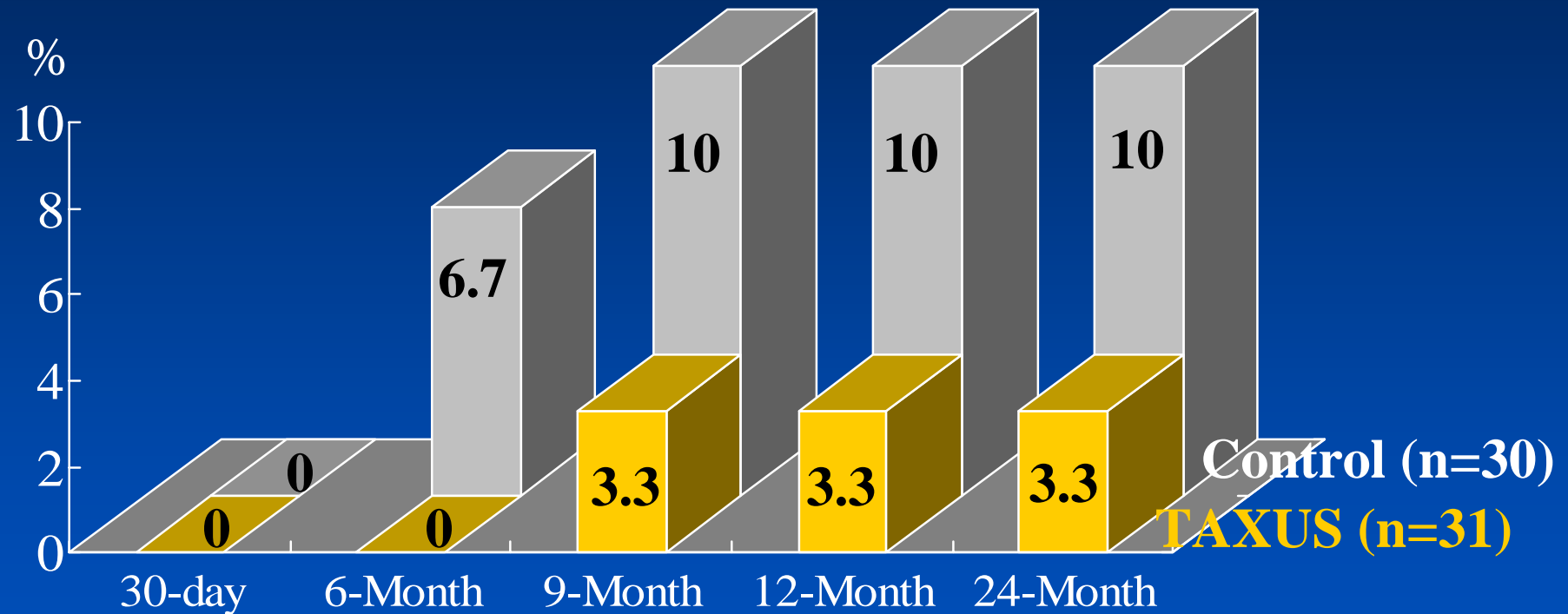
Waiting for the device and data

Global DES use is reasonable approach based on the data

Safety,
Efficacy,
Durability,
Cost Issue

Long-term Durability ?

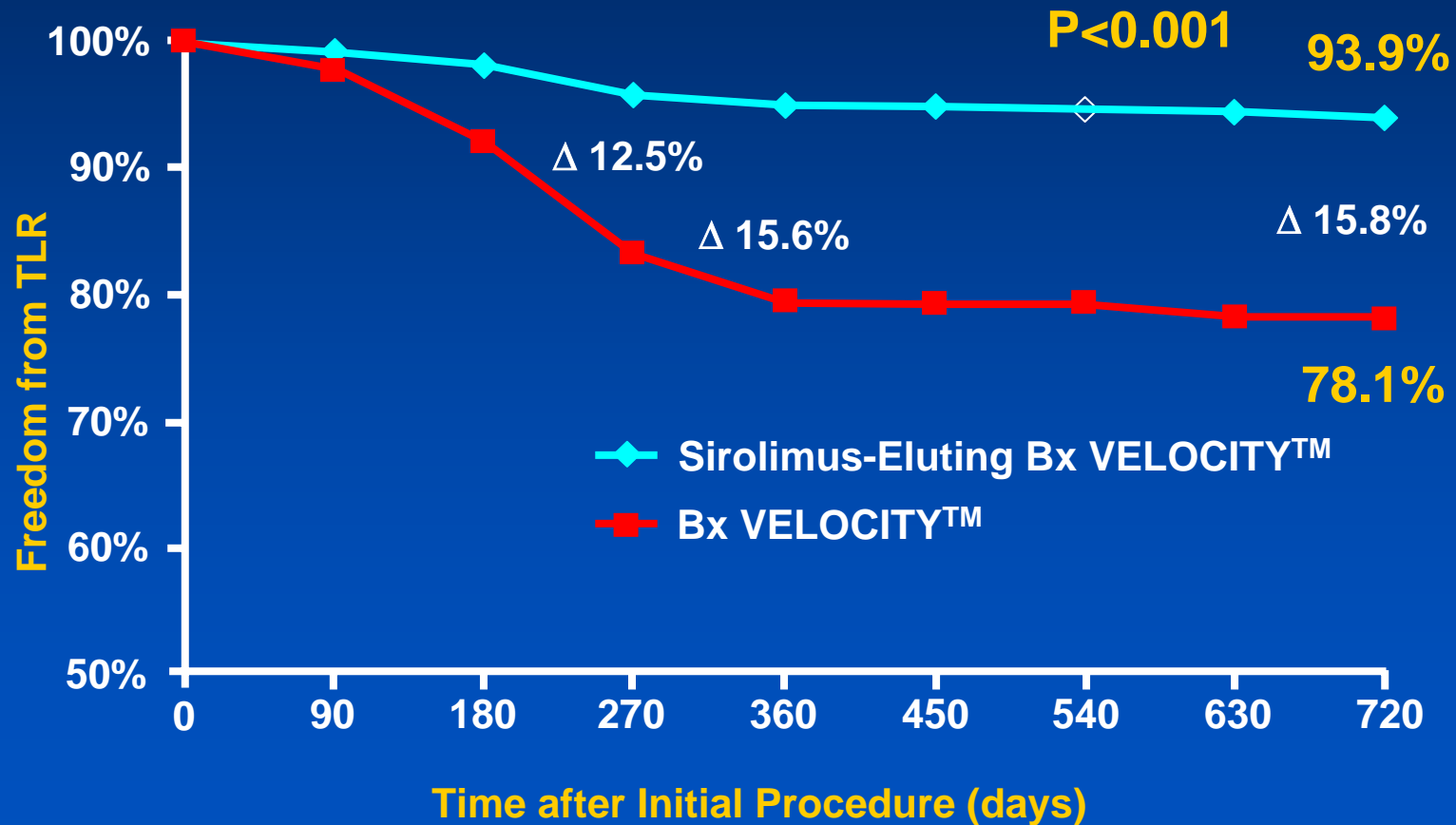
2-Year MACE in TAXUS I



Sustained benefit of TAXUS SR over 2 years

Long-term Durability ?

4-Year TLR Free Survival in First Cypher Stent Study



DES and Cost

- Price is determined by the market (supply, demand, competition, etc)
- Only two DES are available at the present time.
- Cost can be reduced by the market with time.
- It is reducing, NOW.
- Importance of the issue depends on the individual countries.

However, this problem should be transient...

Why Global DES Use in AMC ?

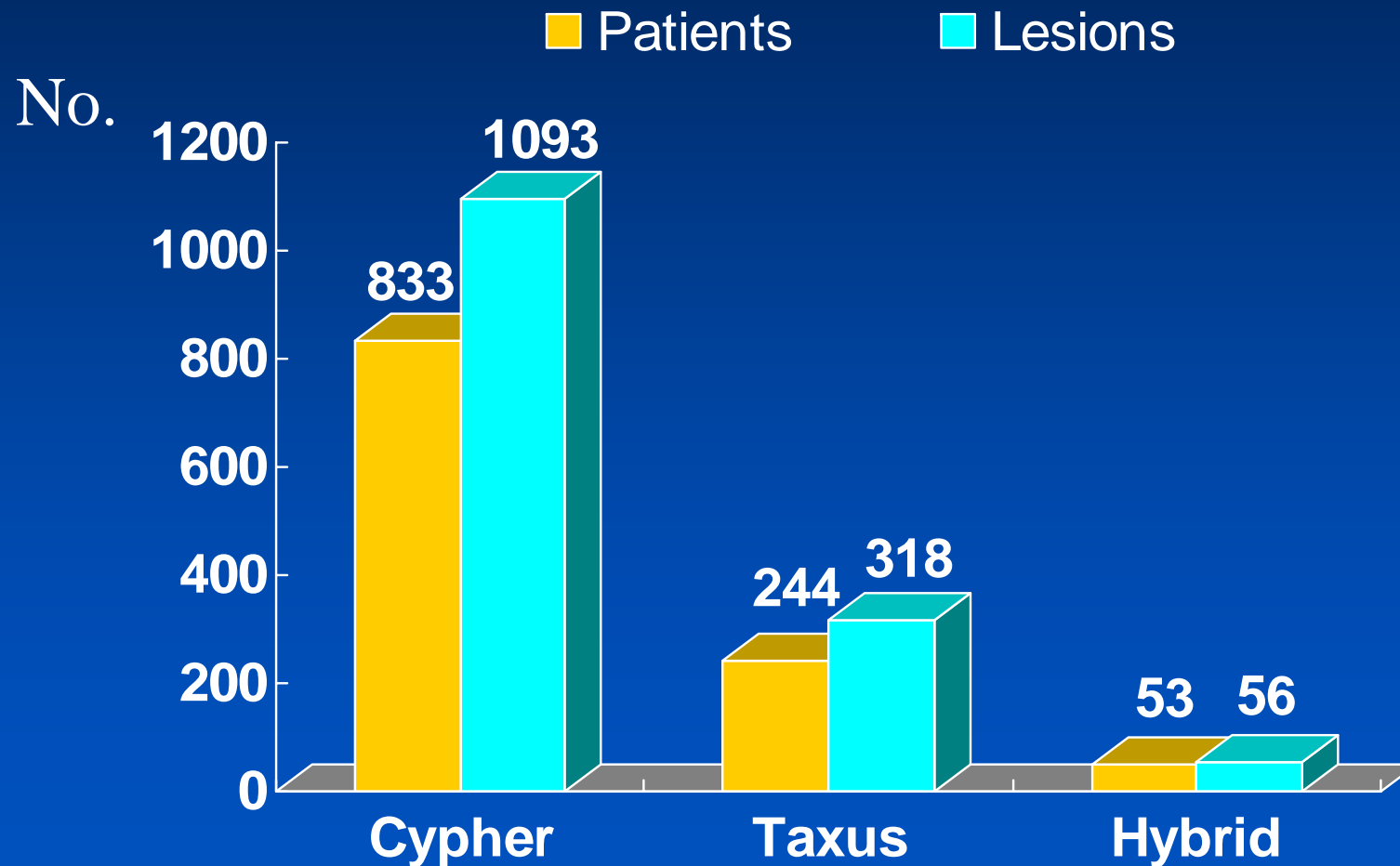
- **DES is definitely safe.** There is no evidence that it is associated with high rate of acute complications.
- **Effectiveness has been proved.** The effectiveness of DES is extended to all the patient and lesion subsets.
- **Cost issue will be gone.** It is transient problem, not in the near future.



**If you know something,
How can you select ?**

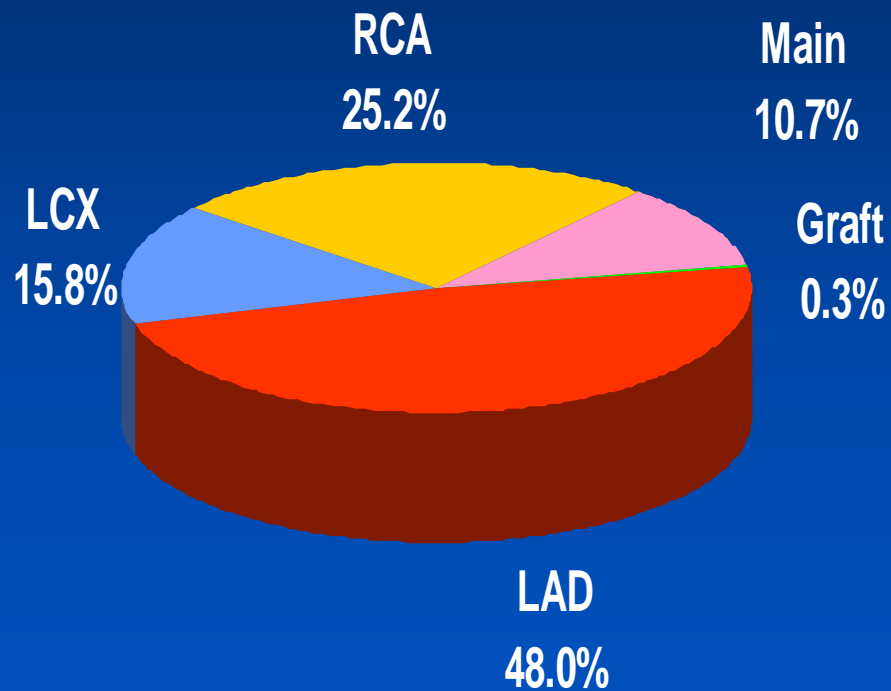
Patients with DES Implantation

From February 2003 till March 2004

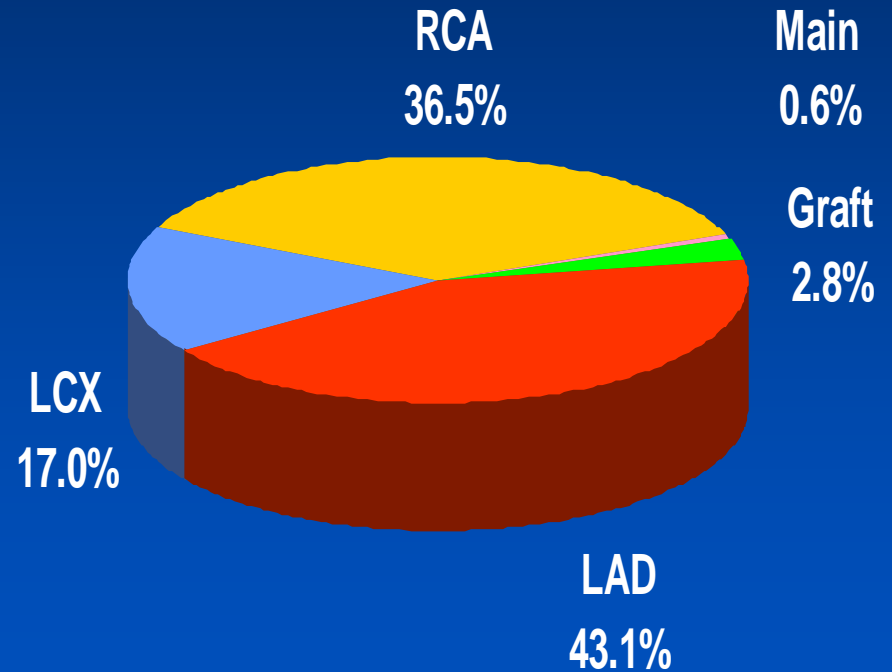


Lesion Site in AMC

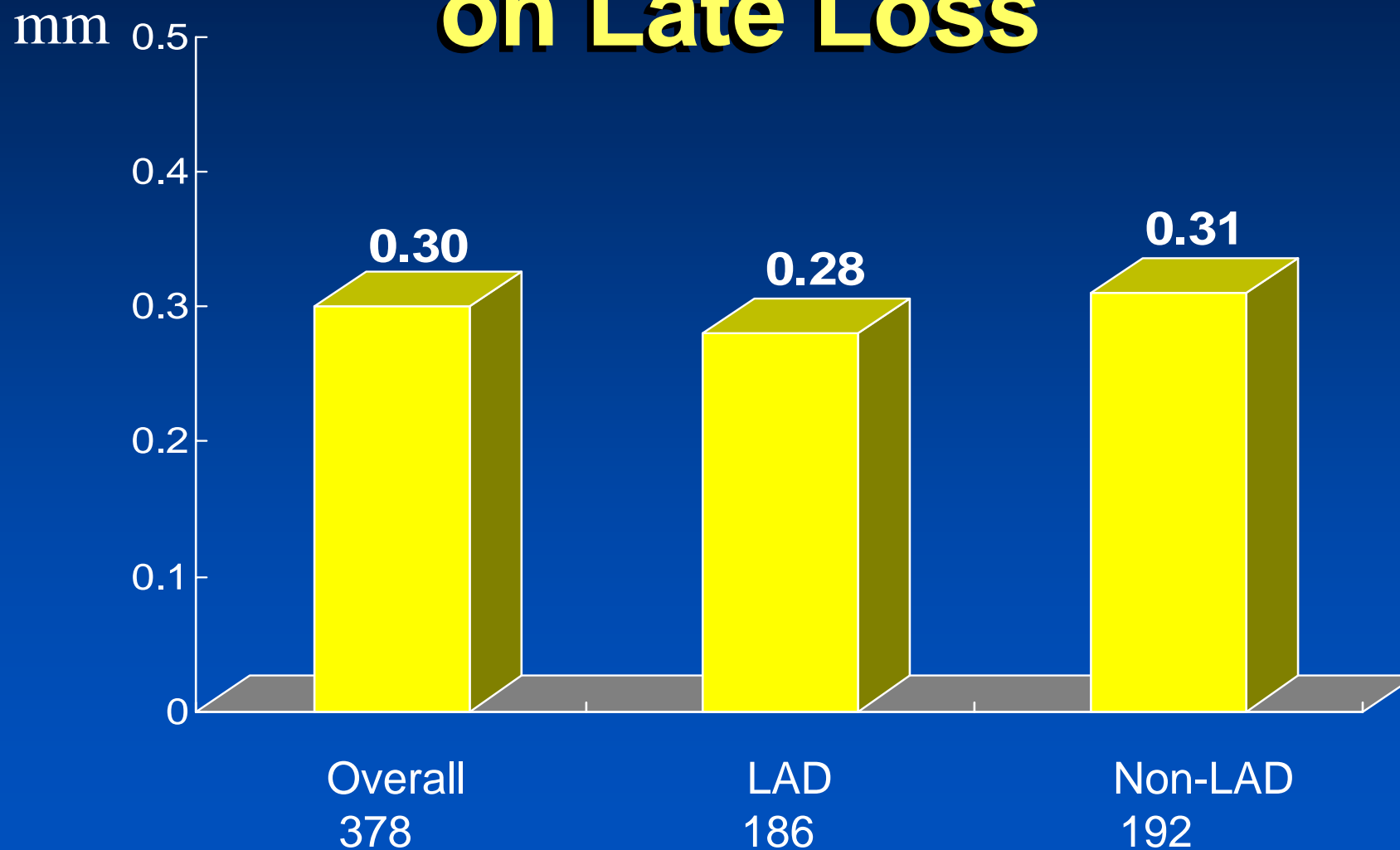
**Cypher Stent
(n=1093)**



**Taxus Stent
(n=318)**



Impact of Lesion site on Late Loss



Impact of Lesion site on Restenosis Rate

