

Let's choose provisional

Fabrizio D'Ascenzo
Division of Cardiology
Department of Internal Medicine

fabrizio.dascenzo@gmail.com



ULM vs. non ULM bifurcations

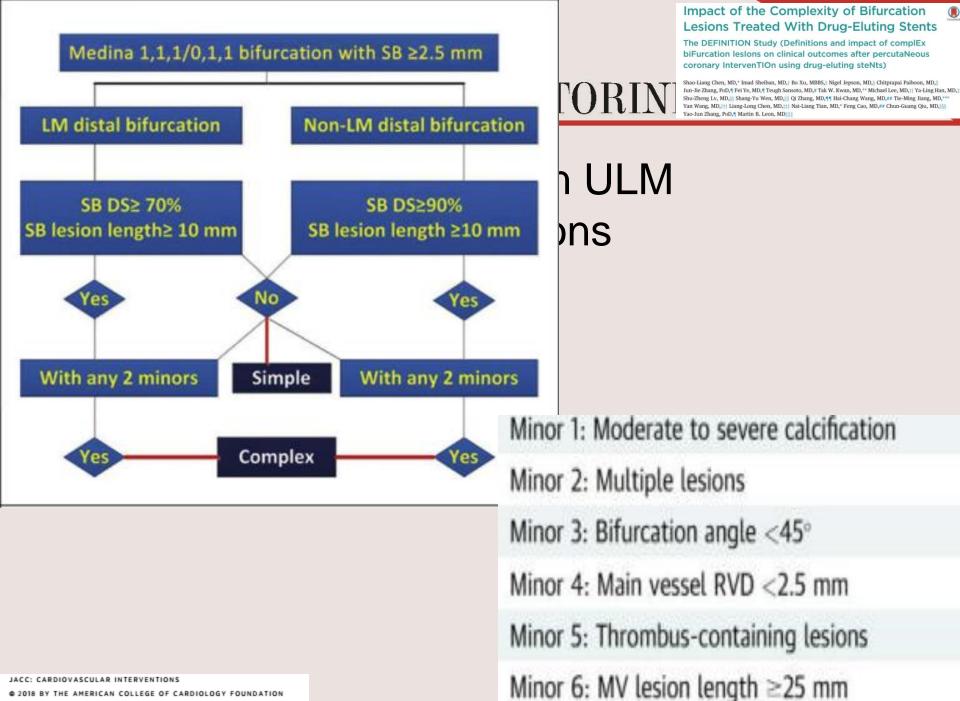
larger angle between branches

larger area of myocardium to supply

Left Main Bifurcation Angioplasty

Are 2 Stents One Too Many?*

Bernard Chevalier, MD

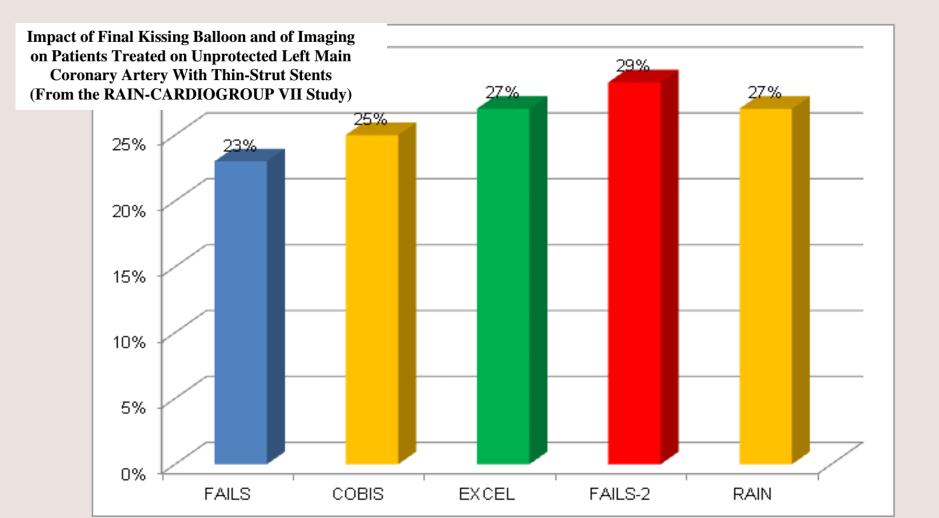


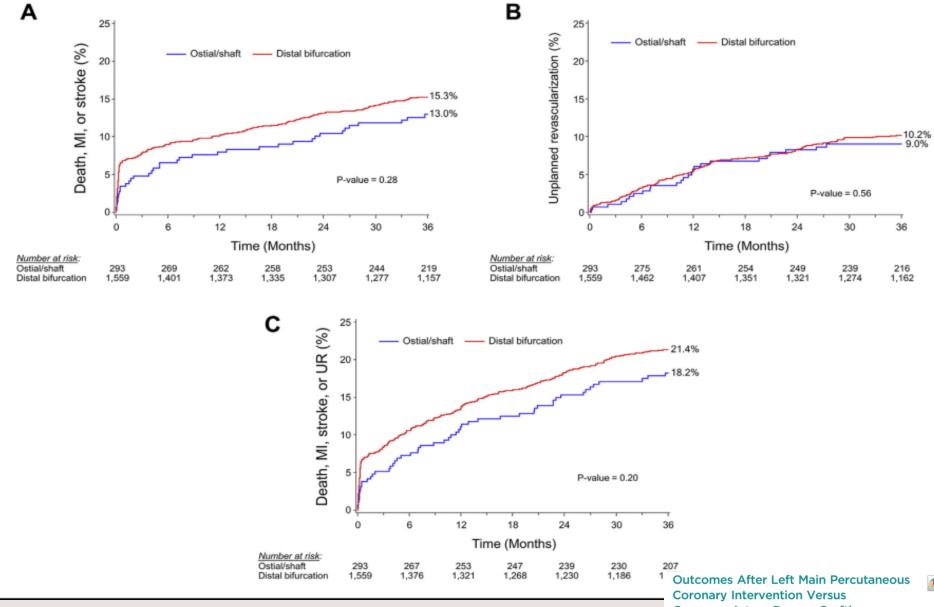
Outcomes Among Patients Undergoing Distal Left Main Percutaneous Coronary Intervention

Long-Term Clinical Outcomes and Optimal Stent Strategy in Left Main Coronary Bifurcation Stenting

Sungsoo Cho, MD, a Tae Soo Kang, MD, PhD, Jung-Sun Kim, MD, PhD, Sung-Jin Hong, MD, Dong-Ho Shin, MD, Young Bin Song, MD, PhD, CJoo-Yong Hahn, MD, PhD, Seung-Hyuk Choi, MD, PhD, Hyeon-Cheol Gwon, MD, PhD, Glaranteeth, PhD, Claranteeth, PhD,

Incidence of Medina 1,1,1



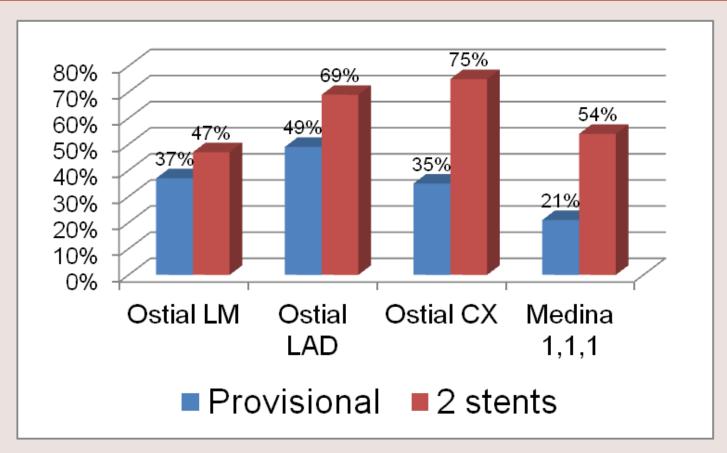


Coronary Intervention Versus
Coronary Artery Bypass Grafting
According to Lesion Site

Results From the EXCEL Trial

Anthony H. Gershlick, MBBS, *David E. Kandzari, MD,* Amerjeet Banning, MD,* David P. Taggart, MD,* Marie-Claude Morice, MD,* Nicholas J. Lembo, MD,** W. Morris Brown III, MD,* Adrian P. Banning, MD,* Béla Merkely, MD, PaD, Des,* Ferenc Horkay, MD,* Ad J. van Boven, MD, PaD,* Flet W. Boonstra, MD, PaD,* Ovidiu Dressler, MD,* Joseph F. Sabik III, MD,* Patrick W. Serruys, MD, PaD,* Arie Pieter Kappetein, MD, PaD,* Gregg W. Stone, MD***

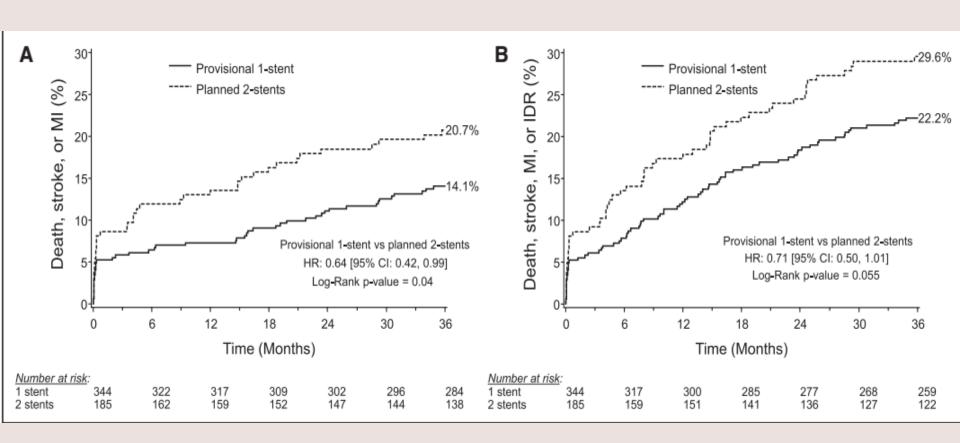




Outcomes Among Patients Undergoing Distal Left Main Percutaneous Coronary Intervention

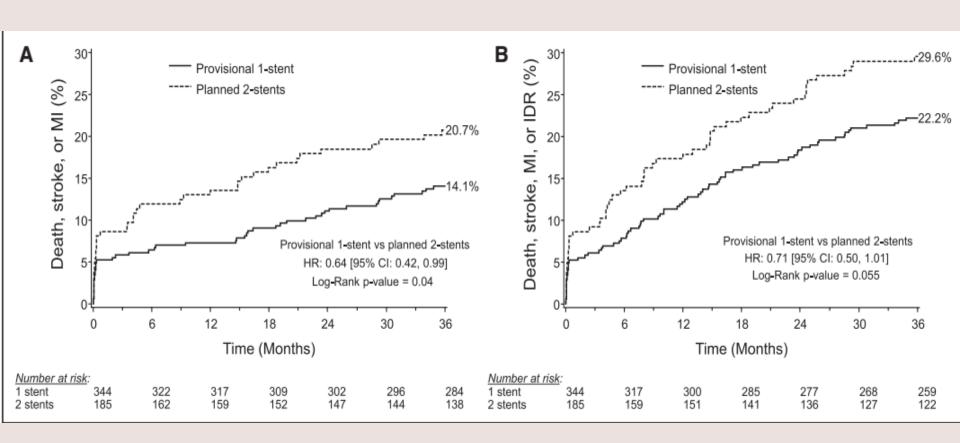
Provisional 1-stent approach			
Side branch treatment, any	243/344 (70.6)		
Balloon angioplasty	207/243 (85.2)		
Atherectomy	5/243 (2.1)		
Stent	54/243 (22.2)		
Side branch stent technique			
T, modified T, or TAP	42/54 (77.8)		
Culotte or reverse crush	8/54 (14.8)		
Other	4/54 (7.4)		
Planned 2-stent approach			
T, modified T, or TAP		92/185 (50.8)	
Culotte		42/185 (23.2)	
Crush or mini-crush		26/185 (14.4)	
V stent		11/185 (6.1)	
Simultaneous kissing stents		5/185 (2.8)	
Other		5/185 (2.8)	
Final kissing balloon inflation		156/185 (84.3) Outcomes Among Patients Distal Left Main Percutane Intervention Fechnique Analysis From the EXCEL Tria	ous Coronary





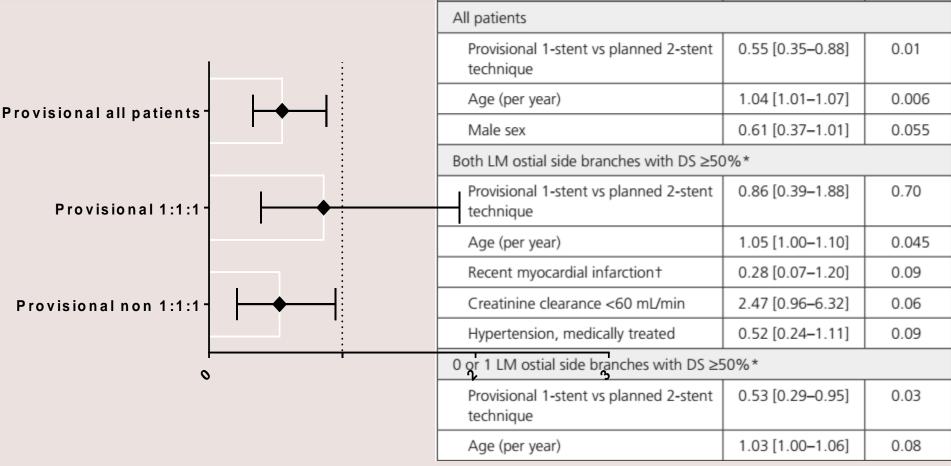
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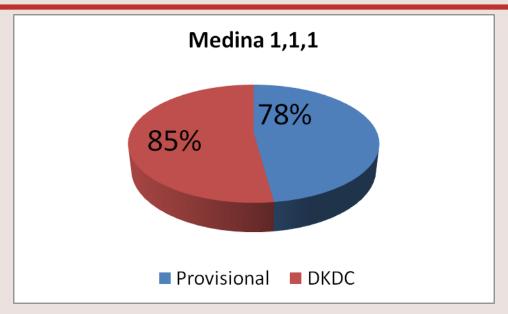
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Outcomes Among Patients Undergoing Distal Left Main Percutaneous Coronary Intervention





Double Kissing Crush Versus Provisional Stenting for Left Main Distal Bifurcation Lesions



DKCRUSH-V Randomized Trial

Shao-Liang Chen, MD,^a Jue-Jie Zhang, PhD,^a Yaling Han, MD,^b Jing Kan, MBBS,^a Lianglong Chen, MD,^c Chunguang Qiu, MD,^d Tiemin Jiang, MD,^c Ling Tao, MD,^f Hesong Zeng, MD,^g Li Li, MD,^h Yong Xia, MD,ⁱ Chuanyu Gao, MD,^l Teguh Santoso, MD,^k Chootopol Paiboon, MD,^l Yan Wang, MD,^m Tak W. Kwan, MD,ⁿ Fei Ye, MD,^o Nailiang Tian, MD,^o Zhizhong Liu, PhD,^a Song Lin, MD,^o Chengzhi Lu, MD,^p Shangyu Wen, MD,^d Lang Hong, MD,^f Qi Zhang, MD,^f Imad Sheiban, MD,^f Yawei Xu, MD,^u Lefeng Wang, MD,^v Tanveer S. Rab, MD,^w Zhanquan Li, MD,^x Guanchang Cheng, MD,^y Liangun Cui, MD,^z Martin B. Leon, MD,^{aa} Greeg W. Stone, MD,^{aa}



LAD*			
Severe tortuous	25 (11.9)	28 (13.4)	0.662
Mild-moderate calcification	30 (14.3)	30 (14.4)	1.000
Thrombus-containing	0 (0)	0 (0)	NS
Chronic total occlusion	10 (4.8)	12 (5.7)	0.209
TIMI flow grade 0-2	23 (10.9)	20 (9.6)	0.320
LCX*			
Severe tortuous	38 (18.1)	45 (21.5)	0.393
Mild-moderate calcification	19 (9.1)	20 (9.6)	0.786
Thrombus-containing	0 (0)	0	NS
Chronic total occlusion	9 (4.3)	12 (5.7)	0.512
TIMI flow grade 0-2	19 (9.1)	22 (10.5)	0.280
TIMI flow grade 0-2	19 (9.1)	22 (10.5)	0.2

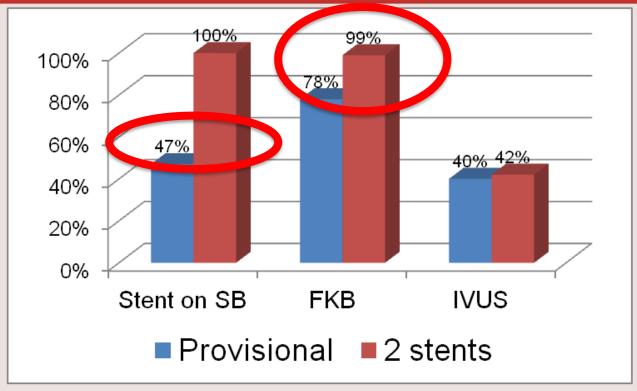
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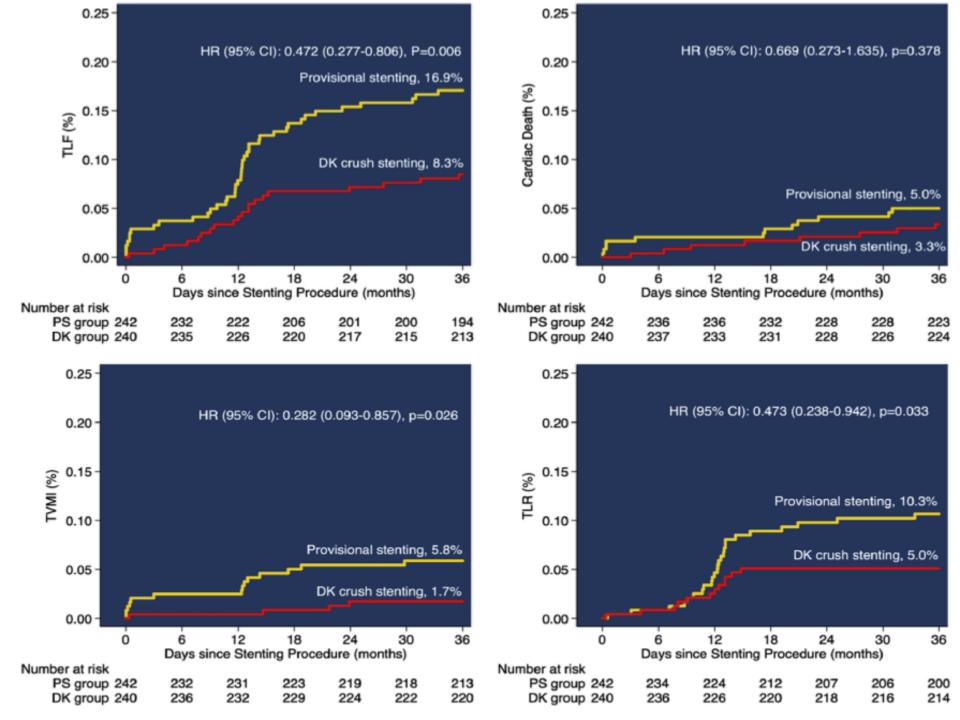


Double Kissing Crush Versus Provisional Stenting for Left Main Distal Bifurcation Lesions

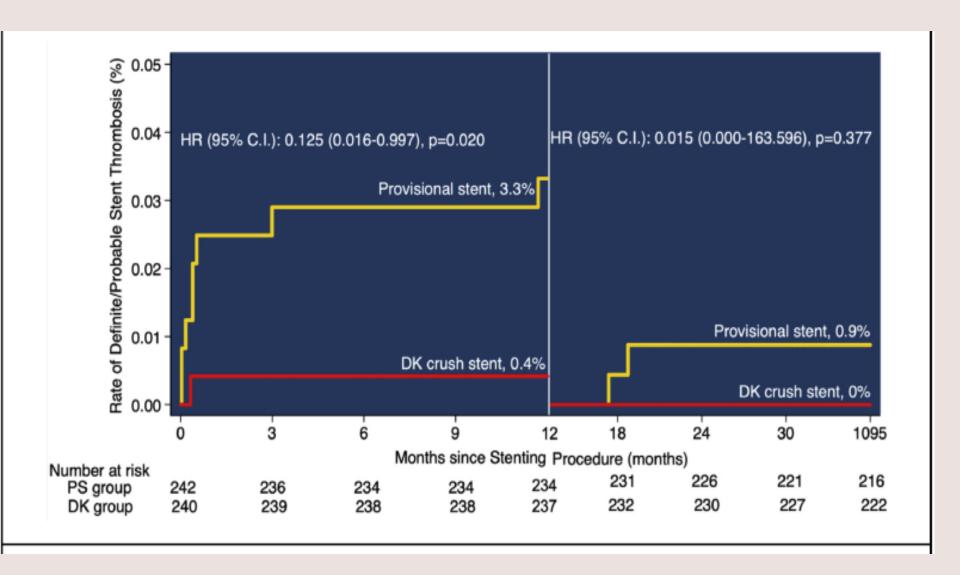


DKCRUSH-V Randomized Trial

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Why higher rates of ST in "Provisional stenting"?

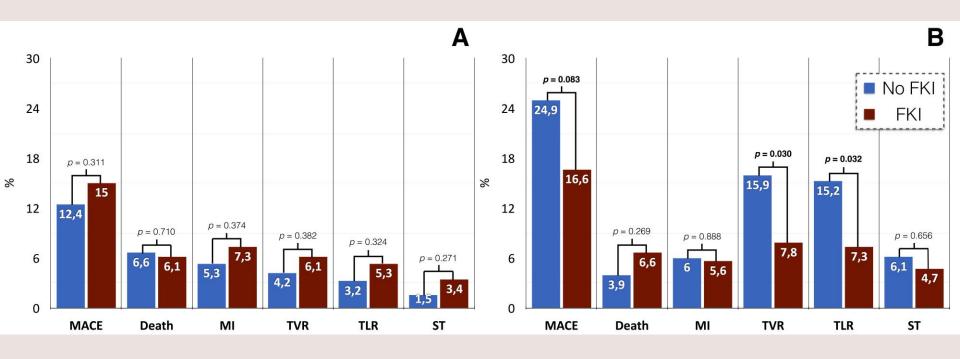
2 questions

1) All a matter of FKB?

2) Was "Provisional" really Provisional?

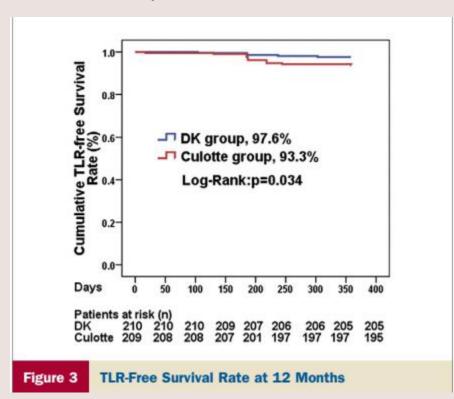


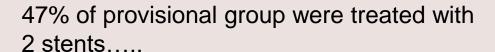
All a matter of FKB?





1) Was "Provisional" really Provisional?





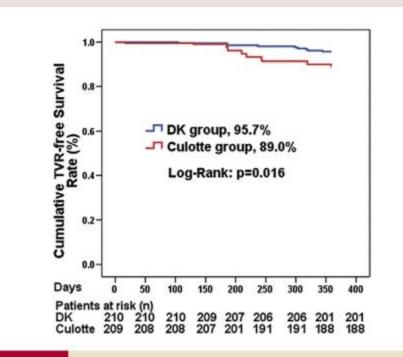


Figure 4

TVR-Free Survival Rate at 12 Months

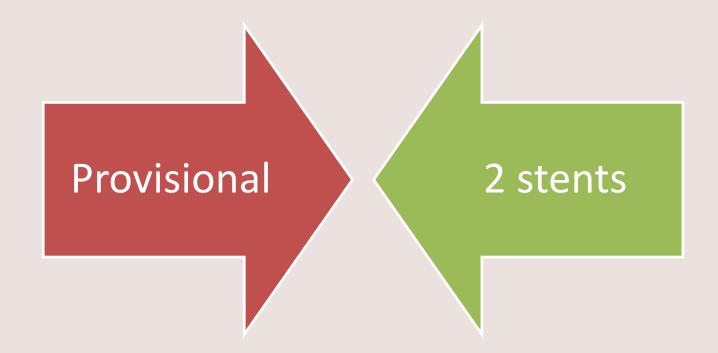
Culotte Stenting for Unprotected Distal Left Main Bifurcation Lesions

Results From a Multicenter, Randomized, Prospective DKCRUSH-III Study

Shao-Liang Chen, MD,* Bo Xu, MBBS,† Ya-Ling Han, MD,‡ Imad Sheiban, MD,§ Jun-Jie Zhang, MD,* Fei Ye, MD,* Tak W. Kwan, MD,|| Chitprapai Paiboon, MD,¶ Yu-Jie Zhou, MD,# Shu-Zheng Lv, MD,# George D. Dangas, MD,** Ya-Wei Xu, MD,†† Shang-Yu Wen, MD,‡‡ Lang Hong, MD,§§ Rui-Yan Zhang, MD,||| Hai-Chang Wang, MD,¶¶ Tie-Ming Jiang, MD,## Yan Wang, MD,*** Fang Chen, MD,** Zu-Yi Yuan, MD,††† Wei-Min Li, MD,‡‡‡ Martin B. Leon, MD,§§§



The European Bifurcation Club Left Main Study (EBC MAIN)





No conclusive data in Medina 1,1,1

"Probably" 1 fits all is not the preferred strategy increasing risk of ST

"Probably" a tailored approach is the best one (exploiting the DEFINITION criteria)

After EBC main will be eliminate "Probably"?



GRAZIE