

TABLE 44 Included RCTs: stents vs PTCA for AMI – design, quality and execution

Study acronym or author	Multicentre?	Method of randomisation	Description of withdrawals and dropouts?	Jadad score
GRAMI ¹¹⁹	Yes	Not stated	Yes	2
FRESCO ¹²³	No	Sealed envelope	Yes	3
ESCOBAR ¹²⁴	No	Closed envelope	Yes	3
PASTA ¹²⁵	Yes	Not stated	Yes	2
PAMI-Stent ¹²⁶	Yes	Not stated	No	1
PSAAMI ¹²⁷	Yes	Not stated	No	1
STENTIM II ¹²⁸	Yes	By computer	Yes	3



TABLE 45 Included RCTs: stents vs PTCA for AMI – short-term clinical results

Study acronym or author	Procedure	Follow-up time	No. followed up		Death		MI		Q wave MI		Non-Q wave MI		Major bleed	
			n	%	n	%	n	%	n	%	n	%	n	%
GRAM ¹¹⁹	Stent	In hospital	52	3.8	2	0	0	NR	NR	NR	1	1.9		
	PTCA		52	7.6	4	4	7.6	NR	NR	NR	1	1.9		
FRESCO ¹²³	Stent	30 days	75	0	0	1	1.3	NR	NR	NR	3	4.0		
	PTCA		75	4.0	3	2	2.7	NR	NR	NR	3	4.0		
ESCOBAR ¹²⁴	Stent	In hospital	112	1.8	2	1	0.9	NR	NR	NR	7	6.2		
	PTCA		115	2.6	3	5	4.3	NR	NR	NR	1	0.9		
PASTA ¹²⁵	Stent	In hospital	67	4.5	3	2	3.0	NR	NR	NR	1	1.5		
	PTCA		69	7.2	5	3	4.3	NR	NR	NR	1	1.5		
PAMI-Stent ¹²⁶	Stent	30 days	452	3.5	16	NR	NR	NR	NR	NR	NR	NR		
	PTCA		448	1.8	8	NR	NR	NR	NR	NR	NR	NR		
PSAAMI ¹²⁷	Stent	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		
	PTCA		NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		
STENTIM II ¹²⁸	Stent	In hospital	101	1.0	1	4	4.0	NR	NR	NR	2	2.0		
	PTCA		110	0	0	4	3.6	NR	NR	NR	2	1.8		

There were no significant differences ($p > 0.05$)

TABLE 46 Included RCTs: stents vs PTCA for AMI – short-term event rates and re-intervention

Study acronym or author	Procedure	Event rate		TVR		CABG		PTCA	
		n	%	n	%	n	%	n	%
GRAMI ¹¹⁹	Stent	2*	3.8	NR		1	1.9	0	0
	PTCA	10*	19.2			2	3.8	3	5.7
FRESCO ¹²³	Stent	NR		1*	1.3	0	0	1*	1.3
	PTCA			9*	12.0	0	0	9*	12.0
ESCOBAR ¹²⁴	Stent	NR		NR		1	0.9	0	0
	PTCA					0	0	5	4.3
PASTA ¹²⁵	Stent	4*	6.0	4	6.0	NR		NR	
	PTCA	13*	18.8	9	13.0				
PAMI-Stent ¹²⁶	Stent	NR		4*	0.9	NR		NR	
	PTCA			16*	3.6				
PSAAMI ¹²⁷	Stent	NR		NR		NR		NR	
	PTCA								
STENTIM II ¹²⁸	Stent	5	5.0	5	5.0	0	0	5	5.0
	PTCA	6	5.5	6	5.4	0	0	6	5.4

*p < 0.05, stent compared with PTCA

TABLE 47 Included RCTs: stents vs PTCA for AMI – angiographic follow-up results

Study acronym or author	Period of follow-up (for MLD/ for restenosis)	Loss to follow-up (n/n on which results reported [%])		Stent MLD (mm) and % stenosis		PTCA MLD (mm) and % stenosis		Stent restenosis at follow-up		PTCA restenosis at follow-up	
		Stent	PTCA	Mean	SD	Mean	SD	n	%	n	%
GRAMI ¹¹⁹	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
FRESCO ¹²³	30 days/6 months	94%	95%	3.06*	0.71	2.58*	1.08	12*	16	29*	38.7
ESCOBAR ¹²⁴	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
PASTA ¹²⁵	In hospital/ 6 months	17/67 (25.4%)	39/69 (56.5%)	2.85* 9.8%	0.62 12.4%	2.08* 30.6%	0.82 30.6%	–	17.0*	–	37.5*
PAMI-Stent ¹²⁶	30 days/N/A	NR	NR	2.56*	0.47	2.10*	0.45	NR	NR	NR	NR
PSAAMI ¹²⁷	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
STENTIM II ¹²⁸	In hospital/ 6 months	Combined 10%		2.96* 19.44*	0.43 8.08%	2.95* 28.45*	0.46 10.79%	–	25.3*	–	39.6*

*p < 0.05, stent compared with PTCA

TABLE 48 Included RCTs: stents vs PTCA for AMI – medium-term clinical results

Study acronym or author	Procedure	Follow-up time	No. followed up		Death		MI		Q wave MI		Non-Q wave MI		Angina	
			n	%	n	%	n	%	n	%	n	%	n	%
GRAM ¹¹⁹	Stent PTCA	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
FRESCO ¹²³	Stent PTCA	6 months	75	1.3	1	1.3	1	1.3	NR	NR	NR	NR	NR	NR
			75	5.3	4	2.7	2	2.7						
ESCOBAR ¹²⁴	Stent PTCA	6 months	112	1.8	2	1.8	1*	0.9	NR	NR	NR	NR	NR	NR
			115	2.6	3	7.0	8*	7.0						
PASTA ¹²⁵	Stent PTCA	6 months	67	4.5	3	4.5	–	–	NR	NR	NR	NR	NR	NR
			69	7.2	5	–	–	–						
PAMI-Stent ¹²⁶	Stent PTCA	6 months	448	3.3	15	3.3	13	2.8	NR	NR	NR	NR	45	10.0
			444	2.4	11	3.6	16	3.6					68	15.3
PSAAMI ¹²⁷	Stent PTCA	6 months	44	7	–	7	–	2	NR	NR	NR	NR	NR	NR
			44	11	–	11	–	9						
STENTIM II ¹²⁸	Stent PTCA	6 months	101	2.0	2	2.0	4	4.0	NR	NR	NR	NR	NR	NR
			110	1.0	1	5.5	6	5.5						

* p < 0.05, stent compared with PTCA

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