

Clinical trials of primary ballon angioplasty

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1 acute myocardial infarction

Trial	Treatments	Patients	Trials design and methods
primary ballon angioplasty vs accelerated t-PA			
Ribichini , 1996 n=24/26 follow-up: discharge	primary PTCA versus accelerated alteplase 90 min (15 mg IV bolus followed by an infusion of 0.75 mg/kg over 30min not to exceed 50mg, and then 0.5 mg/kg over the next 60min not to exceed 35mg for a total maximum of 100mg)	-	Parallel groups open Italy
Garcia , 1997 n=95/94 follow-up: 30 d	primary PTCA versus accelerated t-PA 90 min (15 mg IV bolus followed by an infusion of 0.75 mg/kg over 30min not to exceed 50mg, and then 0.5 mg/kg over the next 60min not to exceed 35mg for a total maximum of 100mg)	patients with anterior AMI	Parallel groups open Spain
GUSTO 2B , 1997 n=573/565 follow-up: 30 d	primary PTCA versus accelerated t-PA 90 min (15 mg IV bolus followed by an infusion of 0.75 mg/kg over 30min not to exceed 50mg, and then 0.5 mg/kg over the next 60min not to exceed 35mg for a total maximum of 100mg)	patients within 12 hours of acute myocardial infarction (with ST-segment elevation on the electrocardiogram)	factorial design open USA, Europe, Australia
DANAMI-2 , 1997 n=NA follow-up: 2.4y	angioplasty versus accelerated treatment with intravenous alteplase	patients who received thrombolytic treatment for a first acute myocardial infarction and with inducible myocardial ischemia (either symptomatic angina pectoris presenting spontaneously >36 hours after admission or during a predischarge exercise test or ST changes during exercise compatible with ischemia)	Parallel groups open
primary ballon angioplasty vs duteplase			

continued...

Trial	Treatments	Patients	Trials design and methods
DeWood , 1989 n=46/44 follow-up: 30 d	primary PTCA versus duteplase 0.5 MU/kg for 1 h then 0.7 MU/kg/h for 3h	-	Parallel groups open USA
Gibbons , 1993 n=47/56 follow-up: discharge	primary PTCA versus duteplase 0.6 MU/kg over 5h	patients with acute myocardial infarction	Parallel groups open USA
primary ballon angioplasty vs intracoronary streptokinase			
O'Neill , 1986 n=NA follow-up:	coronary angioplasty versus intracoronary streptokinase	patients within 12 hours of their first symptoms of acute myocardial infarction	Parallel groups open
primary ballon angioplasty vs streptokinase			
Zwolle , 1994 n=152/149 follow-up: discharge	primary PTCA versus streptokinase 1.5 M IU over 1h	patients with acute myocardial infarction	Parallel groups open The Netherland
Ribeiro , 1993 n=50/50 follow-up: discharge	primary PTCA versus streptokinase 1.2 M IU over 1h	patients with ST segment elevation within 6 h of the onset of chest pain	Parallel groups open Brazil
Grinfeld , 1996 n=54/58 follow-up: 30 d	primary PTCA versus streptokinase 1.5 M IU over 1h	-	Parallel groups open Argentina
Zijlstra , 1997 n=45/50 follow-up: 6 months	primary PTCA versus streptokinase 1.5 M IU over 1h	atients with acute myocardial infarction	Parallel groups open The Netherland
Zijlstra , 1993 n=70/72 follow-up:	immediate coronary angioplasty (without previous thrombolytic therapy) versus intravenous streptokinase	patients with acute myocardial infarction	Parallel groups open
Akhras , 1997 n=42/45 follow-up:	primary angioplasty versus streptokinase	patient within 12hr from onset of AMI	Parallel groups open Saudi Arabia
primary ballon angioplasty vs t-PA			

continued...

Trial	Treatments	Patients	Trials design and methods
PAMI , 1993 n=195/200 follow-up: discharge	primary PTCA versus t-PA 100mg (or 1.25mg/kg for patients weighting less than 65kg) over 3 h	patients who presented within 12 hours of the onset of myocardial infarction	Parallel groups open USA,Europe
primary ballon angioplasty vs tenecteplase			
TRIANA , 2009 [NCT00257309] n=132/134 follow-up: 30 days (12 months)	Tenecteplase + UFH (+/- clopidogrel) versus Primary angioplasty	>=75 years old with ST-segment elevation or LBBB AMI <6 hours of evolution without contraindications for thrombolytic therapy	Parallel groups open

More details and results :

- myocardial revascularization for acute myocardial infarction in all type of patients at <http://www.trialresultscenter.org/go-Q129>
- PCI for acute myocardial infarction in all type of patients at <http://www.trialresultscenter.org/go-Q246>
- PCI for acute myocardial infarction in Elderly patients at <http://www.trialresultscenter.org/go-Q316>
- myocardial revascularization for acute myocardial infarction in Elderly patients at <http://www.trialresultscenter.org/go-Q317>

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