Clinical trials of primary ballon angioplasty

TrialResults-center www.trialresultscenter.org

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 maximun 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 maximun 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 maximun 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			

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

Trial	Treatments	Patients	Trials design and methods
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

Trial	Treatments	Patients	Trials design and methods
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

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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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