Clinical trials of antithrombotics for acute coronary syndrome in PCI sub group

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1 bivalirudin

Trial	Treatments	Patients	Trials design and methods
bivalirudin vs heparin + GP2b3a inhibitors			
ACUITY (sub groups PCI, bivalirudin alone) import , 2007 n=2619/2561 follow-up: 30 days	bivalirudin alone versus heparin (either unfractionated or enoxaparin) plus glycoprotein IIb/IIIa inhibitors	patients with moderate and high-risk acute coronary syndromes undergoing percutaneous coronary intervention after angiography (sub group).	Factorial plan open
bivalirudin + GP2b3a inhibitors vs heparin + GP2b3a inhibitors			
ACUITY (sub groups PCI, bivalirudin +aGP2b3a) import , 2007 n=2609/2561 follow-up: 30 days	bivalirudin + versus heparin (either unfractionated or enoxaparin) plus glycoprotein IIb/IIIa inhibitors	patients with moderate and high-risk acute coronary syndromes undergoing percutaneous coronary intervention after angiography.	open

References

ACUITY (sub groups PCI, bivalirudin alone) import, 2007:

Stone GW, Ware JH, Bertrand ME, Lincoff AM, Moses JW, Ohman EM, White HD, Feit F, Colombo A, McLaurin BT, Cox DA, Manoukian SV, Fahy M, Clayton TC, Mehran R, Pocock SJ, , Antithrombotic strategies in patients with acute coronary syndromes undergoing early invasive management: one-year results from the ACUITY trial. JAMA 2007;298:2497-506. [18056903] 10.1001/jama.298.21.2497

Stone GW, White HD, Ohman EM, Bertrand ME, Lincoff AM, McLaurin BT, Cox DA, Pocock SJ, Ware JH, Feit F, Colombo A, Manoukian SV, Lansky AJ, Mehran R, Moses JW, , Bivalirudin in patients with acute coronary syndromes undergoing percutaneous coronary intervention: a subgroup analysis from the Acute Catheterization and Urgent Intervention Triage strategy (ACUITY) trial. Lancet 2007;369:907-19. [17368152] 10.1016/S0140-6736(07)60450-4

Stone GW, Bertrand M, Colombo A, Dangas G, Farkouh ME, Feit F, Lansky AJ, Lincoff AM, Mehran R, Moses JW, Ohman M, White HD, Acute Catheterization and Urgent Intervention Triage strategY (ACUITY) trial: study design and rationale. Am Heart J 2004;148:764-75. [15523305] 10.1016/j.ahj.2004.04.036

ACUITY (sub groups PCI, bivalirudin +aGP2b3a) import, 2007:

Stone GW, White HD, Ohman EM, Bertrand ME, Lincoff AM, McLaurin BT, Cox DA, Pocock SJ, Ware JH, Feit F, Colombo A, Manoukian SV, Lansky AJ, Mehran R, Moses JW, , Bivalirudin in patients with acute coronary syndromes undergoing percutaneous coronary intervention: a subgroup analysis from the Acute Catheterization and Urgent Intervention Triage strategy (ACUITY) trial. Lancet 2007;369:907-19. [17368152] 10.1016/S0140-6736(07)60450-4

2 thienopyridine

Trial	Treatments	Patients	Trials design and methods
clopidogrel vs placebo			

continued...

Trial	Treatments	Patients	Trials design and methods
CURE (PCI sub study) , 2001	pretreatment with clopidogrel -+aspirin 75325 mg)	patients with non-ST-elevation acute coronary syndrome undergoing PCI	Parallel groups double blind
n=1313/1345	versus		
follow-up:	placebo (+ aspirin 75325 mg)		

References

CURE (PCI sub study), 2001:

Mehta SR, Yusuf S, Peters RJ, Bertrand ME, Lewis BS, Natarajan MK, Malmberg K, Rupprecht H, Zhao F, Chrolavicius S, Copland I, Fox KA Effects of pretreatment with clopidogrel and aspirin followed by long-term therapy in patients undergoing percutaneous coronary intervention: the PCI-CURE study. Lancet 2001;358:527-33 [11520521]

3 About TrialResults-center.org

TrialResults-center is an innovative knowledge database that collects the results of RCTs and provides dynamic interactive systematic reviews and meta-analysis in the field of all major heart and vessels diseases.

The TrialResults-center database provides a unique view of the treatment efficacy based on all data provided directly from clinical trial results, offering a valuable alternative to personal bibliographic search, published meta-analysis, etc. Furthermore, it would allow comparing easily the various concurrent therapeutic for the same clinical condition.

Rigorous meta-analysis method is used to populate TrialResults-center: widespread search of published and non published trials, study selection using pre-specified criteria, data extraction using standard form.

TrialResults-center is continually updated on a weekly basis. We continually search all new results (whatever their publication channel) and these news results are immediately added to the database with a maximum of 1 week.

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