

# Clinical trials of angiotensin-receptor blockers for acute myocardial infarction in all type of patients

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## 1 ARBs vs ACE inhibitors

Trial	Treatments	Patients	Trials design and methods
<b>Losartan vs Captopril</b>			
<b>OPTIMAAL , 2002</b> n=2744/2733 follow-up: 2.7 y	Losartan, target dose of 50 mg daily versus Captopril, target dose of 50 mg 3 times daily	patients within 10 days of a confirmed acute myocardial infarction and heart failure during the acute phase or a new Q-wave anterior infarction or reinfarction	Parallel groups Double blind
<b>Valsartan vs Captopril</b>			
<b>VALIANT (valsartan alone) , 2003</b> n=4909/4909 follow-up: Median, 24.7 mo	Valsartan, 160 mg twice daily versus Captopril, 50 mg 3 times daily	patients within 10 days of a MI complicated by HF	Parallel groups Double blind 24

## References

### OPTIMAAL, 2002:

Dickstein K, Kjekshus J Effects of losartan and captopril on mortality and morbidity in high-risk patients after acute myocardial infarction: the OPTIMAAL randomised trial. Optimal Trial in Myocardial Infarction with Angiotensin II Antagonist Losartan. Lancet 2002 Sep 7;360:752-60 [[12241832](#)]

### VALIANT (valsartan alone), 2003:

Pfeffer MA, McMurray JJ, Velazquez EJ, Rouleau JL, Kober L, Maggioni AP, Solomon SD, Swedberg K, Van de Werf F, White H, Leimberger JD, Henis M, Edwards S, Zelenkofske S, Sellers MA, Califf RM Valsartan, captopril, or both in myocardial infarction complicated by heart failure, left ventricular dysfunction, or both. N Engl J Med 2003 Nov 13;349:1893-906 [[14610160](#)]

## 2 ARBs+ACE inhibitor vs ACE inhibitors

Trial	Treatments	Patients	Trials design and methods
<b>Valsartan+ACE inhibitor vs ACE inhibitor only</b>			
<b>VALIANT (valsartan+captopril) , 2003</b> n=4885/4909 follow-up: Median, 24.7 mo	Valsartan, 40 mg twice daily, plus captopril, 25 mg three times daily versus Captopril, 25 mg 3 times daily	patients within 10 days of a MI complicated by HF	Parallel groups Double blind 24

## References

### **VALIANT (valsartan+capropril), 2003:**

Pfeffer MA, McMurray JJ, Velazquez EJ, Rouleau JL, Kober L, Maggioni AP, Solomon SD, Swedberg K, Van de Werf F, White H, Leimberger JD, Henis M, Edwards S, Zelenkofske S, Sellers MA, Califf RM Valsartan, captopril, or both in myocardial infarction complicated by heart failure, left ventricular dysfunction, or both. *N Engl J Med* 2003 Nov 13;349:1893-906 [14610160]

## 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.

TrialResults-center is non-profit and self-funded.