

Clinical trials of endarterectomy for carotid stenosis in asymptomatic patients

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1 carotid endarterectomy

Trial	Treatments	Patients	Trials design and methods
carotid endarterectomy vs control			
ACST , 1994 n=1560/1560 follow-up: 3.4y mean	CEA as soon as possible, standard medical treatment including antiplatelet drugs versus no CEA unless symptoms occurred, standard medical treatment including antiplatelet drugs	Asymptomatic carotid artery stenosis of 60% or greater	Parallel groups open Europe
VA , 1993 n=211/233 follow-up: 4 y (mean)	carotid endarterectomy aspirin 650 mg bd versus aspirin 650 mg bd	Asymptomatic carotid artery stenosis of 50-99%	Parallel groups open US
ACAS , 1995 n=825/834 follow-up: 2.7 y mean	carotid endarterectomy, aspirin 325 mg daily versus aspirin 325 mg daily	Asymptomatic carotid artery stenosis of 60% or greater	Parallel groups open North America

References

ACST, 1994:

Halliday AW, Thomas D, Mansfield A The Asymptomatic Carotid Surgery Trial (ACST). Rationale and design. Steering Committee. Eur J Vasc Surg 1994;8:703-10 [7828747]

Halliday A, Mansfield A, Marro J, Peto C, Peto R, Potter J, Thomas D Prevention of disabling and fatal strokes by successful carotid endarterectomy in patients without recent neurological symptoms: randomised controlled trial. Lancet 2004;363:1491-502 [15135594]

Halliday A, Harrison M, Hayter E, Kong X, Mansfield A, Marro J, Pan H, Peto R, Potter J, Rahimi K, Rau A, Robertson S, Streifler J, Thomas D 10-year stroke prevention after successful carotid endarterectomy for asymptomatic stenosis (ACST-1): a multicentre randomised trial. Lancet 2010 Sep 25;376:1074-84 [20870099] [10.1016/S0140-6736\(10\)61197-X](#)

VA, 1993:

Role of carotid endarterectomy in asymptomatic carotid stenosis. A Veterans Administration Cooperative Study. Stroke 1986;17:534-9 [2872740]

Hobson RW 2nd, Weiss DG, Fields WS, Goldstone J, Moore WS, Towne JB, Wright CB Efficacy of carotid endarterectomy for asymptomatic carotid stenosis. The Veterans Affairs Cooperative Study Group. N Engl J Med 1993;328:221-7 [8418401]

ACAS, 1995:

Endarterectomy for asymptomatic carotid artery stenosis. Executive Committee for the Asymptomatic Carotid Atherosclerosis Study. JAMA 1995;273:1421-8 [7723155]

Study design for randomized prospective trial of carotid endarterectomy for asymptomatic atherosclerosis. The Asymptomatic Carotid Atherosclerosis Study Group. Stroke 1989;20:844-9 [2665205]

2 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.