

Clinical trials of folic acid

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1 post stroke

Trial	Treatments	Patients	Trials design and methods
folic acid, vit B12 and vit B6 vs placebo			
VITATOPS , 2010 [NCT00097669X]]n=4089/4075 follow-up: 3.4 y	folic acid and vitamins B12 and B6 in a single tablet versus placebo	patients with recent stroke or TIA (within the past seven months)
Parallel groups double-blind 20 countries			
high dose - folic acid, vit B12 and vit B6 vs low dose - folic acid, vit B12 and vit B6			
VISP (Toole) , 2004 n=1827/1853 follow-up: 2 y	high-dose of folic acid, pyridoxine (vitamin B6), and cobalamin (vitamin B12) versus low-dose of folic acid, pyridoxine (vitamin B6), and cobalamin (vitamin B12)	adults with nondisabling cerebral infarction	Parallel groups double blind United States, Canada, Scotland

More details and results :

- prevention for post stroke in patients with prior stroke or TIA at <http://www.trialresultscenter.org/go-Q421>

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B vitamins in patients with recent transient ischaemic attack or stroke in the VITAMINS TO Prevent Stroke (VITATOPS) trial: a randomised, double-blind, parallel, placebo-controlled trial. Lancet Neurol 2010 Aug 3;: [20688574] [10.1016/S1474-4422\(10\)70187-3](https://doi.org/10.1016/S1474-4422(10)70187-3)

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Spence JD, Bang H, Chambless LE, Stampfer MJ Vitamin Intervention For Stroke Prevention trial: an efficacy analysis. Stroke 2005 Nov;36:2404-9 [16239629]

Toole JF, Malinow MR, Chambless LE, Spence JD, Pettigrew LC, Howard VJ, Sides EG, Wang CH, Stampfer M Lowering homocysteine in patients with ischemic stroke to prevent recurrent stroke, myocardial infarction, and death: the Vitamin Intervention for Stroke Prevention (VISP) randomized controlled trial. JAMA 2004 Feb 4;291:565-75 [14762035]

2 cardiovascular prevention

Trial	Treatments	Patients	Trials design and methods
folic acid vs control			
FOLARDA (Liem) , 2004 n=140/143 follow-up: 1 year	folic acid 5 mg per day for 1 year versus usual care	patients with acute MI and total cholesterol >6.5 mmol/l	Parallel groups open The Netherlands
GOES (Liem) , 2003 n=300/293 follow-up: 24 months	folic acid 0.5 mg per day versus usual care	patients with stable coronary artery disease	Parallel groups open The Netherlands
folic acid, B12 vs control			
NORVIT (folic acid + B12) (Bonaa) , 2006 [NCT00266487] n=1872/1877 follow-up: 36 months	folic acid 0.8mg and B12 0.4 mg daily versus no folic acid and B12	men and women who had had an acute myocardial infarction within seven days before	Factorial plan double-blind Norway
folic acid, vit B12 and vit B6 vs control			
NORVIT (folic acid, B12 and vit B6) (Bonaa) , 2006 [NCT00266487] n=937/943 follow-up: 36 months	0.8 mg of folic acid, 0.4 mg of vitamin B12, and 40 mg of vitamin B6 versus placebo	men and women who had had an acute myocardial infarction within seven days	Factorial plan double-blind Norway
folic acid vs placebo			
CSPPT , 2015 [NCT00794885] n=10348/10354 follow-up:	enalapril 10 mg / folic acid 0.8 mg daily versus Enalapril maleate 10 mg daily	patients with primary hypertension	Parallel groups double-blind China
CHAOS-2 , 2002 n=942/940 follow-up: 1.7 y	folic acid 5 mg per day (for 2 years) versus placebo	patient with CHD	Parallel groups double blind
folic acid, B12 vs placebo			

continued...

Trial	Treatments	Patients	Trials design and methods
WENBIT (folic ac,B12) , 2008 [NCT00354081] n=772/780 follow-up: 38.4 mo	folic acid 0.8mg, vit B12 0.4mg daily versus placebo	adult participants undergoing coronary angiography	Factorial plan double blind Norway
SEARCH , 2007 [NCT00124072] n=6033/6031 follow-up: 7 years	folic acid 2mg/d + vitamin B12 1mg/d versus placebo	patients survivors of myocardial infarction	Factorial plan double blind UK
folic acid, vit B12 and vit B6 vs placebo			
VITATOPS , 2010 [NCT00097669X]] n=4089/4075 follow-up: 3.4 y	folic acid and vitamins B12 and B6 in a single tablet versus placebo	patients with recent stroke or TIA (within the past seven months)
Parallel groups double-blind 20 countries			
SU.FOL.OM3 [ISRCTN41926726] n=1242/1259 follow-up:	supplementation with natural foLate, vitamin B6 and B12 versus placebo	patients with coronary or cerebral event within the previous 12 months	Parallel groups double-blind France
HOPE-2 (Lonn) , 2006 [NCT00106886] n=2758/2764 follow-up: Jan 2000 - dec 2000	folic acid, 2.5 mg, vitamin B6,50 mg and vitamin B12, 1mg versus placebo	patients 55 years of age or older who had vascular disease or diabetes and additional risk factors for atherosclerosis	Parallel groups double blind 13 countries
WAFACS , 2008 [NCT00000541] n=2721/2721 follow-up: 7.3 y	folic acid 2.5mg, vitamin B6 50mg, and vitamin B12 1mg daily versus placebo	women aged 42 years or older, with either a history of CVD or 3 or more coronary risk factors	Parallel groups double blind US
high dose - folic acid, vit B12 and vit B6 vs low dose - folic acid, vit B12 and vit B6			
VISP (Toole) , 2004 n=1827/1853 follow-up: 2 y	high-dose of folic acid, pyridoxine (vitamin B6), and cobalamin (vitamin B12) versus low-dose of folic acid, pyridoxine (vitamin B6), and cobalamin (vitamin B12)	adults with nondisabling cerebral infarction	Parallel groups double blind United States, Canada, Scotland

More details and results :

- plasma homocysteine lowering intervention for cardiovascular prevention in all type of patients at <http://www.trialresultscenter.org/go-Q127>

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