

# Clinical trials of vit B6

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## 1 post stroke

Trial	Treatments	Patients	Trials design and methods
<b>folic acid, vit B12 and vit B6 vs placebo</b>			
<b>VITATOPS , 2010</b> [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			
<b>high dose - folic acid, vit B12 and vit B6 vs low dose - folic acid, vit B12 and vit B6</b>			
<b>VISP (Toole) , 2004</b> 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>

## References

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Hankey GJ. The Vitamins to Prevent Stroke (VITATOPS) trial: Results of a double-blind, placebo-controlled, randomised trial of B-vitamin therapy in 8164 patients with recent transient ischaemic attack or stroke. 2010 European Stroke Conference: May 26, 2010; Barcelona, Spain

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)

### VISP (Toole), 2004:

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
<b>folic acid, vit B12 and vit B6 vs control</b>			
<b>NORVIT (folic acid, B12 and vit B6) (Bonaa) , 2006</b> [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
<b>vit B6 vs control</b>			
<b>NORVIT (vit B6) (Bonaa) , 2006</b> [NCT00266487] n=1871/1878 follow-up: 36 months	vit B6 40 mg daily versus no vit B6	men and women who had had an acute myocardial infarction within seven days	Factorial plan double-blind Norway
<b>folic acid, vit B12 and vit B6 vs placebo</b>			
<b>VITATOPS , 2010</b> [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			
<b>SU.FOL.OM3</b> [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
<b>HOPE-2 (Lonn) , 2006</b> [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

continued...

Trial	Treatments	Patients	Trials design and methods
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
<b>vit B6 vs placebo</b>			
WENBIT (vit B6) , 2008 [NCT00354081] n=772/780 follow-up: 38.4 mo	vit B6 40mg daily versus placebo	adult participants undergoing coronary angiography	Factorial plan double blind Norway
<b>high dose - folic acid, vit B12 and vit B6 vs low dose - folic acid, vit B12 and vit B6</b>			
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>

## References

### NORVIT (folic acid, B12 and vit B6) (Bonna), 2006:

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### NORVIT (vit B6) (Bonna), 2006:

Bnaa KH, Njlstad I, Ueland PM, Schirmer H, Tverdal A, Steigen T, Wang H, Nordrehaug JE, Arnesen E, Rasmussen K Homocysteine lowering and cardiovascular events after acute myocardial infarction. N Engl J Med 2006;354:1578-88 [16531614] 10.1056/NEJMoa055227

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Albert CM, Cook NR, Gaziano JM, Zaharris E, MacFadyen J, Danielson E, Buring JE, Manson JE Effect of folic acid and B vitamins on risk of cardiovascular events and total mortality among women at high risk for cardiovascular disease: a randomized trial. *JAMA* 2008 May 7;299:2027-36 [18460663]

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