

Abstract ▾

Send to: ▾

[Exp Clin Endocrinol Diabetes](#). 1996;104(4):311-6.**A benfotiamine-vitamin B combination in treatment of diabetic polyneuropathy.**[Stracke H](#)¹, [Lindemann A](#), [Federlin K](#).**Author information****Abstract**

In a double-blind, randomized, controlled study, the effectiveness of treatment with a combination of Benfotiamine (an Allithiamine, a lipid-soluble derivative of vitamin B1 with high bioavailability) plus vitamin B6/B12 on objective parameters of neuropathy was studied over a period of 12 weeks on 24 diabetic patients with diabetic polyneuropathy. The results showed a significant improvement ($p = 0.006$) of nerve conduction velocity in the peroneal nerve and a statistical trend toward improvement of the vibration perception threshold. Long-term observation of 9 patients with verum over a period of 9 months support the results. Therapy-specific adverse effects were not seen. The results of this double-blind investigation, of the long-term observation and of the reports in the literature support the contention that the neurotropic benfotiamine-vitamin B combination represents a starting point in the treatment of diabetic polyneuropathy.

PMID: 8886748 [PubMed - indexed for MEDLINE]


[Publication Types, MeSH Terms, Substances](#) ▾

[LinkOut - more resources](#) ▾
PubMed Commons[PubMed Commons home](#) 0 comments[How to join PubMed Commons](#)**Full text links****Save items** ▴
 Add to Favorites ▾
Cited by 2 systematic reviews ▴
[Chinese herbal medicine for diabetic periph](#) [PLoS One. 2013]

[Review Vitamin B for treating](#)
[chrane Database Syst Rev](#). 2008]
Similar articles ▴
[Benfotiamine in the treatment of](#)
[\[Int J Clin Pharmacol Ther](#). 2005]

[Benfotiamine in treatment of](#)
[alcoholic](#) [Alcohol Alcohol. 1998]

[\[The effect of benfotiamine in](#)
[the the](#) [Srp Arh Celok Lek. 2009]

[Review Effectiveness of vitamin](#)
[B12 c](#) [Acta Neurol Taiwan. 2005]

[Review \[A relationship between](#)
[analgesic and n](#) [Ter Arkh. 2012]
[See reviews...](#)[See all...](#)**Cited by 14 PubMed Central articles** ▴
[Vitamin B supplementation for](#)
[diabetic](#) [Singapore Med J. 2016]

[Change in psychiatric](#)
[syr](#) [Drug Alcohol Depend. 2015]

[Review Antioxidant strategies in](#)
[the mana](#) [Biomed Res Int. 2015]
[See all...](#)