


- 
- Resources
 - All Resources
 - Literature
 - Bookshelf
 - Journals Database
 - MeSH
 - PubMed
 - PubMed Central
 - All Literature Resources...
 - DNA & RNA
 - BankIt
 - BLAST
 - GenBank
 - Genome Workbench
 - Influenza Virus
 - Nucleotide Database
 - PopSet
 - Reference Sequence (RefSeq)
 - Sequence Read Archive (SRA)
 - Trace Archive
 - All DNA & RNA Resources...
 - Proteins
 - BLAST
 - BLAST Link (BLink)
 - Conserved Domain Search Service (CD Search)
 - GenBank
 - Protein
 - Protein Clusters
 - Reference Sequence (RefSeq)
 - All Proteins Resources...
 - Sequence Analysis
 - BLAST
 - BLAST (Stand-alone)
 - BLAST Link (BLink)
 - GenBank
 - Genome Workbench
 - Influenza Virus
 - All Sequence Analysis Resources...
 - Genes & Expression
 - GenBank
 - Gene
 - Gene Expression Omnibus (GEO) Datasets
 - Gene Expression Omnibus (GEO) Datasets
 - Gene Expression Omnibus (GEO) Profiles
 - Genome Workbench

- [Map Viewer](#)
- [UniGene](#)
- [All Genes & Expression Resources...](#)
- [Genomes](#)
 - [GenBank](#)
 - [Genome](#)
 - [Genome Project](#)
 - [Influenza Virus](#)
 - [Map Viewer](#)
 - [Nucleotide Database](#)
 - [Sequence Read Archive \(SRA\)](#)
 - [Trace Archive](#)
 - [UniSTS](#)
 - [All Genomes Resources...](#)
- [Maps & Markers](#)
 - [Genome](#)
 - [Genome Workbench](#)
 - [Map Viewer](#)
 - [UniSTS](#)
 - [All Maps & Markers Resources...](#)
- [Domains & Structures](#)
 - [Cn3D](#)
 - [Conserved Domain Database \(CDD\)](#)
 - [Conserved Domain Search Service \(CD Search\)](#)
 - [Structure \(Molecular Modeling Database\)](#)
 - [Vector Alignment Search Tool \(VAST\)](#)
 - [All Domains & Structures Resources...](#)
- [Genetics & Medicine](#)
 - [Bookshelf](#)
 - [Database of Genotypes and Phenotypes \(dbGaP\)](#)
 - [Influenza Virus](#)
 - [Map Viewer](#)
 - [PubMed](#)
 - [PubMed Central](#)
 - [All Genetics & Medicine Resources...](#)
- [Taxonomy](#)
 - [Taxonomy](#)
 - [Taxonomy Common Tree](#)
 - [All Taxonomy Resources...](#)
- [Data & Software](#)
 - [BLAST \(Stand-alone\)](#)
 - [Cn3D](#)
 - [All Data & Software Resources...](#)
- [Training & Tutorials](#)
 - [NCBI Education Page](#)
 - [NCBI Handbook](#)
 - [NCBI Help Manual](#)
 - [Science Primer](#)

- [All Training & Tutorials Resources...](#)
- [Homology](#)
 - [Clusters of Orthologous Groups \(COGs\)](#)
 - [Conserved Domain Database \(CDD\)](#)
 - [Genome ProtMap](#)
 - [Protein Clusters](#)
 - [All Homology Resources...](#)
- [Small Molecules](#)
 - [PubChem BioAssay](#)
 - [PubChem Compound](#)
 - [PubChem Structure Search](#)
 - [PubChem Substance](#)
 - [All Small Molecules Resources...](#)
- [Variation](#)
 - [Database of Genotypes and Phenotypes \(dbGaP\)](#)
 - [Database of Single Nucleotide Polymorphisms \(dbSNP\)](#)
 - [PopSet](#)
 - [Sequin](#)
 - [All Variation Resources...](#)
- [How To](#)
 - [All How To](#)
 - [Literature](#)
 - [DNA & RNA](#)
 - [Proteins](#)
 - [Sequence Analysis](#)
 - [Genes & Expression](#)
 - [Genomes](#)
 - [Maps & Markers](#)
 - [Domains & Structures](#)
 - [Genetics & Medicine](#)
 - [Taxonomy](#)
 - [Data & Software](#)
 - [Training & Tutorials](#)
 - [Homology](#)
 - [Small Molecules](#)
 - [Variation](#)
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- [Skip to navigation](#)
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- [Advanced search](#)
- [Help](#)

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- Abstract
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[Biol Psychiatry](#). 1993 Jul 1-15;34(1-2):13-7.

Adverse reactions to aspartame: double-blind challenge in patients from a vulnerable population.

[Walton RG](#), [Hudak R](#), [Green-Waite RJ](#).

Department of Psychiatry, Northeastern Ohio Universities College of Medicine, Youngstown.

Comment in:

- [Biol Psychiatry](#). 1994 Aug 1;36(3):206-8.

This study was designed to ascertain whether individuals with mood disorders are particularly vulnerable to adverse effects of aspartame. Although the protocol required the recruitment of 40 patients with unipolar depression and a similar number of individuals without a psychiatric history, the project was halted by the Institutional Review Board after a total of 13 individuals had completed the study because of the severity of reactions within the group of patients with a history of depression. In a crossover design, subjects received aspartame 30 mg/kg/day or placebo for 7 days. Despite the small n, there was a significant difference between aspartame and placebo in number and severity of symptoms for patients with a history of depression, whereas for individuals without such a history there was not. We conclude that individuals with mood disorders are particularly sensitive to this artificial sweetener and its use in this population should be discouraged.

PMID: 8373935 [PubMed - indexed for MEDLINE]

Publication Types, MeSH Terms, Substances

Publication Types:

- [Clinical Trial](#)
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MeSH Terms:

- [Adult](#)
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- [Aspartame/therapeutic use*](#)
- [Cross-Sectional Studies](#)
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- [Eye Diseases/etiology](#)
- [Eye Diseases/physiopathology](#)
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- [Humans](#)
- [Male](#)
- [Middle Aged](#)
- [Placebos](#)
- [Psychiatric Status Rating Scales](#)
- [Vision Disorders/etiology](#)
- [Vision Disorders/physiopathology](#)

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