

Letters

Salicylate elimination diets in children: is food restriction supported by the evidence?

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IN REPLY: We are pleased that our publication has generated discussion regarding the benefits of low salicylate diets. However, the correspondence and references from Heller and colleagues and Breakey do not provide any further evidence for the use of such diets and simply reaffirm the lack of good-quality data in this area. Until such data are available, the use of salicylate elimination diets remains an evidence-free zone.

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Article References:

1. Paterson J, Baxter G, Lawrence J, Duthie G. Is there a role for dietary salicylates in health? *Proc Nutr Soc* 2006; 65: 93-96. [PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=16441948&dopt=Abstract) (http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=16441948&dopt=Abstract)

2. Baenker HW. Salicylate intolerance: pathophysiology, clinical spectrum, diagnosis and treatment. *Dtsch Arztebl Int* 2008; 105: 137-142. [PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=19633779&dopt=Abstract) (http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=19633779&dopt=Abstract)

3. Dahlén B, Boréus LO, Anderson P, et al. Plasma acetylsalicylic acid and salicylic acid levels during aspirin provocation in aspirin-sensitive subjects. *Allergy* 1994; 49: 43-49. [PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=8198239&dopt=Abstract) (http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=8198239&dopt=Abstract)

4. Raithel M, Baenker HW, Naegel A, et al. Significance of salicylate intolerance in diseases of the lower gastrointestinal tract. *J Physiol Pharmacol* 2005; 56 Suppl 5: 89-102. [PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=16247191&dopt=Abstract) (http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=16247191&dopt=Abstract)

5. Zopf Y, Baenker HW, Silbermann A, et al. The differential diagnosis of food intolerance. *Dtsch Arztebl Int* 2009; 106: 359-369. [PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=19547751&dopt=Abstract) (http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=19547751&dopt=Abstract)

6. Sampson HA. Food allergy. Part I: Immunopathogenesis and clinical disorders. *J Allergy Clin Immunol* 1999; 103: 717-728. [PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=16329801&dopt=Abstract) (http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=16329801&dopt=Abstract)

7. Breakey J, Hill M, Reilly C, Connell H. A report on a trial of the low additive, low salicylate diet in the treatment of behaviour and learning problems in children. *Australian Journal of Nutrition and Dietetics* 1991; 48: 89-94.

8. McCann D, Barrett A, Cooper A, et al. Food additives and hyperactive behaviour in 3-year-old and 8/9-year-old children in the community: a randomised, double-blinded, placebo-controlled trial. *Lancet* 2007; 370: 1560-1567. [PubMed](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=17825405&dopt=Abstract) (http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=17825405&dopt=Abstract)