



All Databases PubMed Nucleotide Protein Genome Structure OMIM PMC Journals Books

Search PubMed for Go Clear [Advanced Search](#)

[Limits](#) [Preview/Index](#) [History](#) [Clipboard](#) [Details](#)

Display AbstractPlus Show 20 Sort By Send to

All: 1 Review: 0

1: [Rev Allerg Mex.](#) 2008 Mar-Apr;55(2):71-5.

[Links](#)

[Sublingual immunotherapy in allergic rhinitis and asthma in 2-5 year-old children sensitized to mites]

[Article in Spanish]

[Rodríguez Santos O.](#)

Policlínico Universitario, Camagüey, Cuba. olimpiors@finlay.cmw.sld.cu

BACKGROUND: More than 10 years ago prick tests have been applied to children from the age of 12 months and a lot of them were given sublingual immunotherapy with significant acceptance from family and without undesirable reactions. **OBJECTIVE:** To assess the efficacy and safety of sublingual immunotherapy in children. **PATIENTS AND METHODS:** A clinical trial was done in 138 children with asthma or rhinitis and positive prick test to *Dermatophagoides pteronyssinus*, *D. siboney* and *Blomia tropicalis*. Randomly 69 received sublingual immunotherapy, applying two drops in growing concentrations of 500, 1,000, 2,000, 10,000 and 20,000 biological units. The concentration of 20,000 was left as maintenance till completes the scheme. **RESULTS:** Out of the 138 children included in the study 69, who received sublingual immunotherapy, showed a difference in variables in relation to control group, and the attendance to emergency services was lower in the study group than in the control one for a relative risk of 0.39 with a 95% confidence interval of 0.19, 0.81. Corticosteroid consumption was lower in patients treated for a relative risk of 0.37 and 95% confidence interval of 0.14, 0.79. Out of the 69 patients, 11 had mild (8.6%) and moderate (7.2%) adverse reactions. **CONCLUSIONS:** 84% did not have any reaction, thus, sublingual immunotherapy with allergenic extracts of *acarus* is effective and safe in the treatment of asthma and allergic rhinitis.

PMID: 19058484 [PubMed - indexed for MEDLINE]

Related articles

- ▶ Long-lasting effect of sublingual immunotherapy in children with asthma due to hou: [Clin Exp Allergy. 2003]
- ▶ **Review** [Preventive immunotherapy] [Allergol Immunopathol (Madr). 2000]
- ▶ [Sublingual immunotherapy with allergenic extract of *Dermatophagoides pteronyssinus*] [Rev Allerg Mex. 2004]
- ▶ Skin test reactivity to natural and recombinant *Blomia* and *Dermatophagoides* spp. allergens am [Allergy. 2003]
- ▶ **Review** Sublingual immunotherapy for allergic rhinitis. [Cochrane Database Syst Rev. 2003]

» See reviews... | » See all...

Recent Activity

[Turn Off](#) [Clear](#)

- [Sublingual immunotherapy in allergic rhinitis and asthma in 2-5 year-old children sensiti...
- Safety of a SQ-standardised grass allergen tablet for sublingual immunotherapy: a
- Clinical and immunologic effects of long-term sublingual immunotherapy in asthmatic childr...
- Metaanalysis of the efficacy of sublingual immunotherapy in the treatment of allergic asth...
- Efficacy of sublingual immunotherapy in the treatment of allergic rhinitis in pediatric pa...

Display AbstractPlus Show 20 Sort By Send to

[Write to the Help Desk](#)

[NCBI](#) | [NLM](#) | [NIH](#)

[Department of Health & Human Services](#)

[Privacy Statement](#) | [Freedom of Information Act](#) | [Disclaimer](#)