



POSTER PRESENTATION

Open Access

The result of desensitization of children with severe Ig-E mediated cow's milk allergy

Silviva Novakova*, Ivan Novakov, Manuela Joncheva

From Food Allergy and Anaphylaxis Meeting 2011
Venice, Italy. 17-19 February 2011

Background

Our aim is to demonstrate the success of desensitization in children with severe Ig-E mediated cow's milk allergy.

Materials and methods

10 children from 6 to 10 year of age were desensitized by introducing increasing doses of cow milk (CM) till 200 ml or the highest tolerated quantity for approximately 6 months. Ig-E mediated cow's milk allergy was confirmed by skin prick test and/or specific IgE. Double – blind placebo controlled food challenge has confirmed the diagnosis. All children were observed on the first and the third months after concluding the desensitization.

Results

Eight of the children (80%) successfully achieved the amount of 200 ml of CM daily in six months, with no adverse reactions. One of the children (10%) tolerated 32 ml and another one (10%) reached to 128 ml. All children did not present any symptoms, taking whole CM even on the third month.

Conclusions

We successfully desensitized 8 of 10 children and induced tolerance to a smaller amount of CM in another 2. The protocol is well tolerated and results are reliable.

Published: 12 August 2011

doi:10.1186/2045-7022-1-S1-P106

Cite this article as: Novakova et al.: The result of desensitization of children with severe Ig-E mediated cow's milk allergy. *Clinical and Translational Allergy* 2011 **1**(Suppl 1):P106.

Submit your next manuscript to BioMed Central
and take full advantage of:

- Convenient online submission
- Thorough peer review
- No space constraints or color figure charges
- Immediate publication on acceptance
- Inclusion in PubMed, CAS, Scopus and Google Scholar
- Research which is freely available for redistribution

Submit your manuscript at
www.biomedcentral.com/submit



University Hospital, Plovdiv, Bulgaria



© 2011 Novakova et al; licensee BioMed Central Ltd. This is an open access article distributed under the terms of the Creative Commons Attribution License (<http://creativecommons.org/licenses/by/2.0>), which permits unrestricted use, distribution, and reproduction in any medium, provided the original work is properly cited.