

11th International Conference on**ALLERGY, ASTHMA & CLINICAL IMMUNOLOGY**

September 07-08, 2017 | Edinburgh, Scotland

Vitamin D and skin atopic diseases**Mabel Fabiola Ramallo Jadue**
University of Saint Francis Xavier, Bolivia

Vitamin D is well known for its major role in the intestinal, skeletal, kidney and parathyroid mechanisms for homeostasis of calcium and phosphorus. Recently, vitamin D has acquired an important role as immunoregulator of biological functions. There is also revised effect of vitamin D in both chronic urticarial and atopic dermatitis. Aim of this study is to evaluate the effects of prenatal and postnatal preventive use of vitamin D in the development of skin diseases in the new-born such as atopic dermatitis. Rueter et al., (published in 2014) given an expert opinion reviewing the impact of *in utero* and postnatal vitamin D exposure on allergy risk in childhood. Authors concluded that low cord blood 25-hydroxyvitamin D levels may be associated with increased risk of eczema and wheeze but not asthma and allergic rhinitis. For respiratory allergic disease outcomes, several studies have reported reduced wheeze or asthma later on during childhood or allergic rhinitis in offspring when maternal intake of food-derived vitamin D in pregnancy was reportedly higher. For eczema, consumption during pregnancy of food containing vitamin D was protective against symptoms in the first two years of life. Currently, the evidence with regard to the influence of vitamin D status (affected by both diet and lifestyle) on the development of allergic disease is limited and conflicting. The majority of studies have failed to show any consistent associations between 25(OH)D levels and subsequent allergic disease. Others propose supplementing infants with vitamin D for reducing the risk of asthma and allergic diseases. It is difficult to determine the low serum vitamin D levels contributed to the development of AD, whether damage of skin from AD led to low vitamin D absorption from the sun, or if the two are unrelated.

Biography

Mabel Fabiola Ramallo Jadue is a Physician Surgeon specialist in Dermatology-Immunopathology and Allergy. She is a Professor and Chair of Dermatology-Immunoalergologia, Faculty of Medicine at University of Saint Francis Xavier. She has been the member of the Bolivian Society of Dermatology & Internal Medicine, Sucre Branch since 2002. She is also the member of International Society of Dermatology and member of European Academy of Allergy and Clinical Immunology.

fabiolaramallo3@gmail.com

Notes: