

POST GRADUATE COURSE

Atopic Dermatitis Track – Managing Severe and Refractory Atopic Dermatitis

Role of Immunomodulators in Childhood Dermatitis (Eczema)



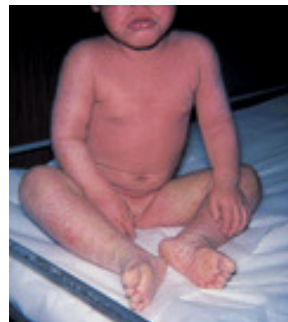
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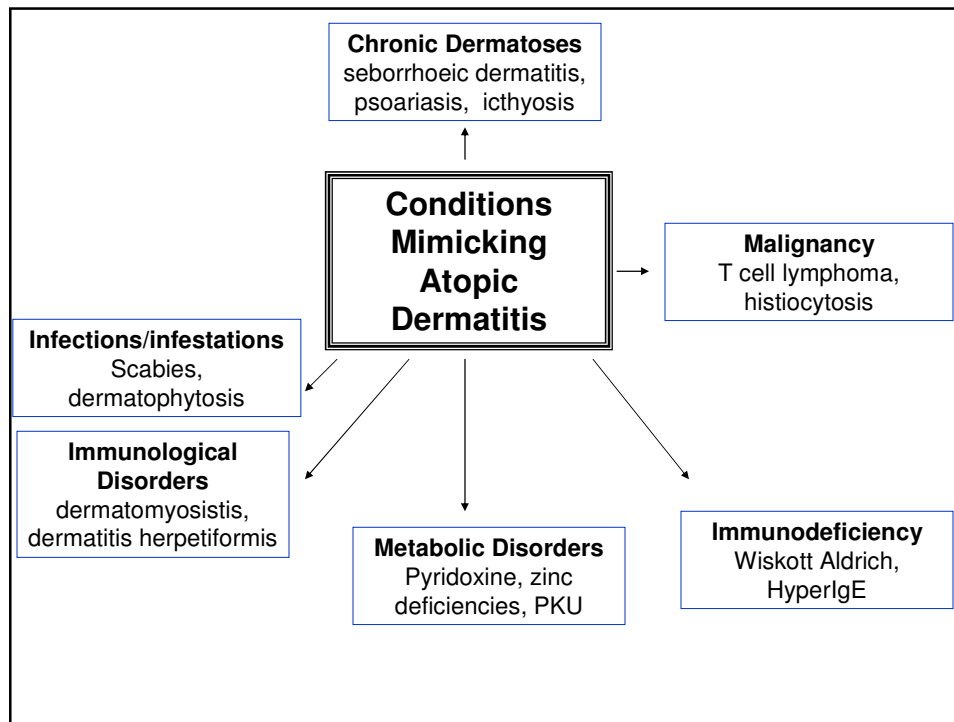
*Hyderabad, India
6-9 December 2012*



Severe Refractory Atopic Dermatitis

- How to approach?





Standard Therapeutic Modalities

Multi-prong Approach

- Skin hydration (steroid-sparing)
- Topical anti-inflammatory medications
- Anti-pruritic therapy
- Anti-bacterial measures
- Elimination of exacerbating factors
 - Irritants, ambient temperature, allergens
- **PATIENT EDUCATION**

Atopic Dermatitis: Practice Parameter Update 2013. AAAAI, ACAAAI, Joint Council of AAI

What is Severe Refractory Atopic Dermatitis

- Failed first line therapy
- Extent of skin lesions
- Subsets
 - Generalized Exfoliative Atopic Dermatitis
 - Nummular Atopic Dermatitis
- Impact on quality of life
 - Sleep
 - Daily activities
 - Personality



Management Modalities

- Wet dressings
- Systemic immunosuppressive therapy
- Phototherapy
- Hospitalization

Novel immunological approaches in the treatment of atopic eczema

Efalizumab

(anti-CD11a antibody = *T-cell inhibitor*)

Infliximab, adalimumab, etanercept

(anti-TNF-alfa treatment)

Omalizumab

(anti-IgE antibody)

Rituximab

(anti-CD20 antibody = *B-cell deactivator*)

Belloni B, Curr Opin Allergy Clin Immunol 2008