

Disclosures Peter Lio, MD FAAD

- · Consultant/Advisory
- Regeneron / Sanofi / Genzyme
- Abbvie
- AOBiome
- Dermavant
- Eli Lilly
- Dermira
- Galderma, Johnson & Johnson, L'Oreal,
- Theraplex, Pierre-Fabre, Unilever
- Altus Labs (Cannabinoids in development)
- Micreos
- Syncere (Cannabinoids in development)
- IntraDerm and Realm Therapeutics
- TOPMD

Speaker

- Regeneron / Sanofi / Genzyme
- Pfizer
- Pierre-Fabre
- La Roche-Posay/L'Oreal

Investigator

- · Regeneron / Sanofi / Genzyme
- Abbvie
- AOBiome

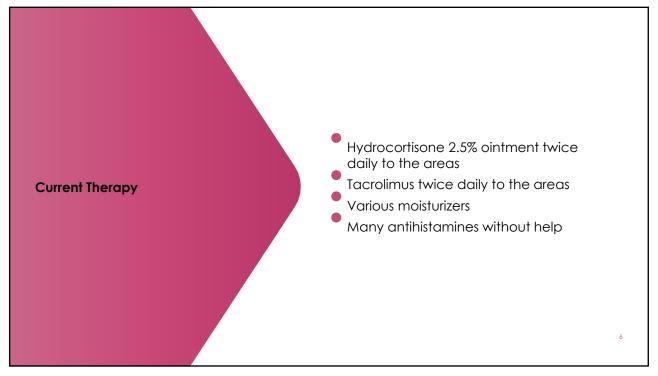
Stocks/Stock Options

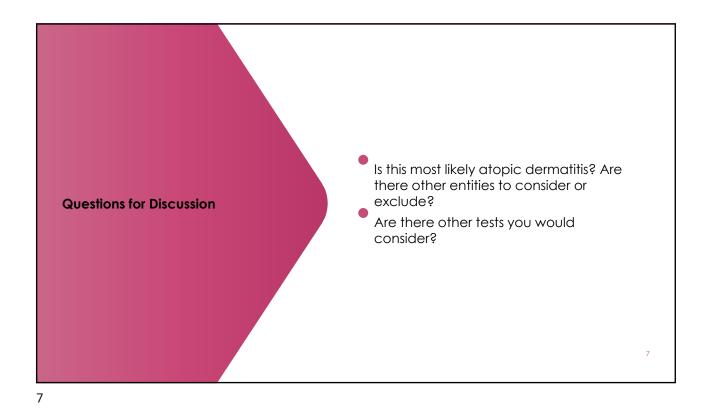
- Syncere (Cannabinoids in development)
- Altus Labs (Cannabinoids in development)
- Micreos











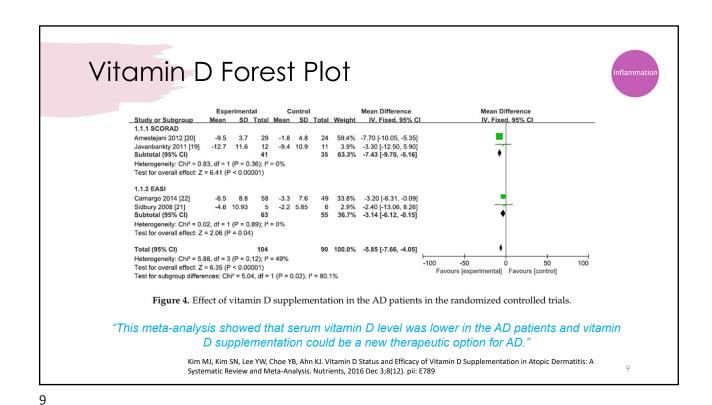
Follow these 4 steps:

1. Take one pair of onesies, pajamas, gloves, and/or socks and soak it in warm water.

3. Put the damp onesies, pajamas, gloves, or socks on. Then put the dry onesies, pajamas, gloves, or socks or socks or socks on top of the damp layer.

Wet Wraps

4. Make sure the room is warm enough go to sleep.



Mod-Severe Eczema Action Plan

When Flaring (Itchy, Red, Oozing):

AM:

- 1. Apply fluocinonide to the eczema areas
- 2. Apply moisturizer liberally
- 3. Take Vitamin D supplement

PM:

- 1. Wash with Oil Cleanser
- 2. Apply fluocinonide to the eczema areas
- 3. Apply moisturizer liberally
- 4. Apply damp layer then dry layer ("wet wrap")

Do this for several days (up to 1 week) until better...

Once Better:

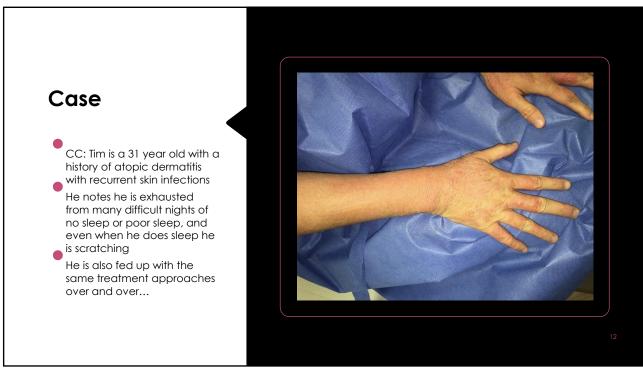
AM:

- 1. Apply crisaborole ointment to remaining areas/trouble spots
- 2. Apply moisturizer liberally
- 3. Take Vitamin D supplement

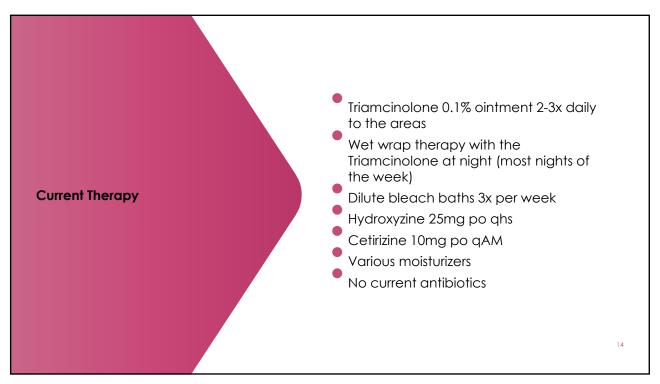
*PM:

- 1. Wash with Oil Cleanser
- 1. Apply crisaborole ointment to remaining areas/trouble spots $\label{eq:condition} % \begin{center} \begin{c$
- 3. Apply moisturizer liberally

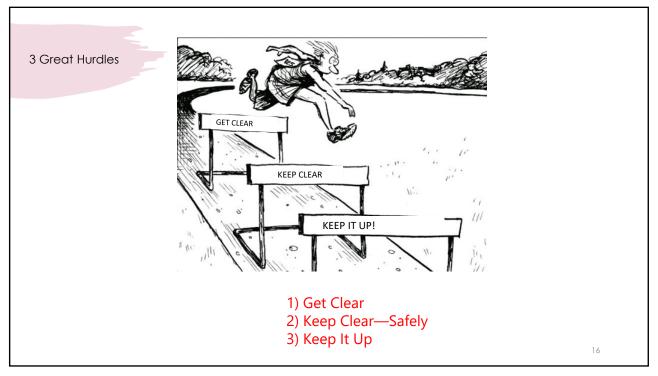


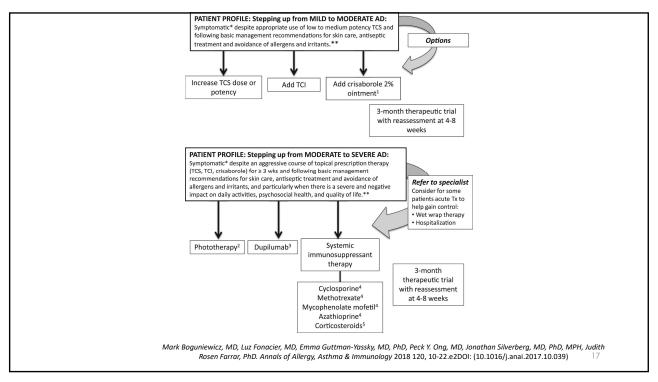


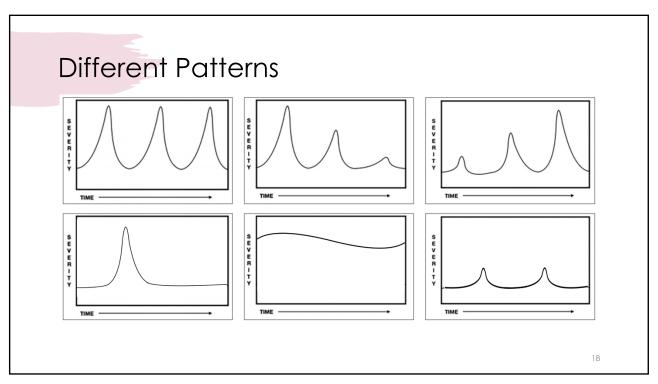


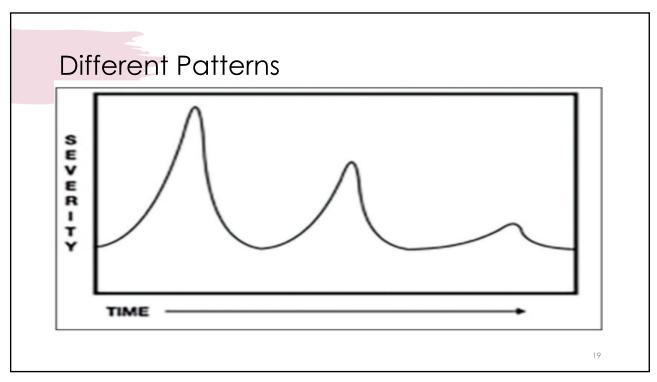














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ART AND PRACTICE OF PEDIATRIC DERMATOLOGY

WILEY Pediatric Dermatology

Comparison of psoriasis and atopic dermatitis guidelines—an argument for aggressive atopic dermatitis management

Mary E. Lohman BA (b) | Peter A. Lio MD

aggressive nature of modern psoriasis treatment. AD guidelines include an assessment of quality of life but do not designate a disease severity threshold for systemic treatment. AD and psoriasis have a tremendous effect on quality of life. The AD guidelines have a less aggressive approach to disease management than the psoriasis guidelines. We should think critically about rapid advancement to systemic agents in AD management, especially now that more and better agents are being developed.

Lohman ME, Lio PA. Comparison of psoriasis and atopic dermatitis guidelines—an argument for aggressive atopic dermatitis management. Pediatric dermatology. 2017 Nov;34(6):739-42.

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Validated Sign & Symptom Scoring Tools	Mild	Moderate	Severe	
EASI	1.1-7	7.1-21	21.1-50 50.1-72 (very severe)	
POEM	3-7	8-16	17-24 25-28 (very severe)	
PO-SCORAD	<25	>25 to <50	>50	
SCORAD	<25	>25 to <50	>50	
Other Tools		Scoring		
DLQI – validated questionnaire on the impact of AD on QoL	Each c	Each question 0 (not at all) to 3 (very much)		
Pruritus (itch) score – patient's subjective assessment of itch	\	VAS from 0 (none) to 10 (severe)		

Clinical Assessment Tools

Severity

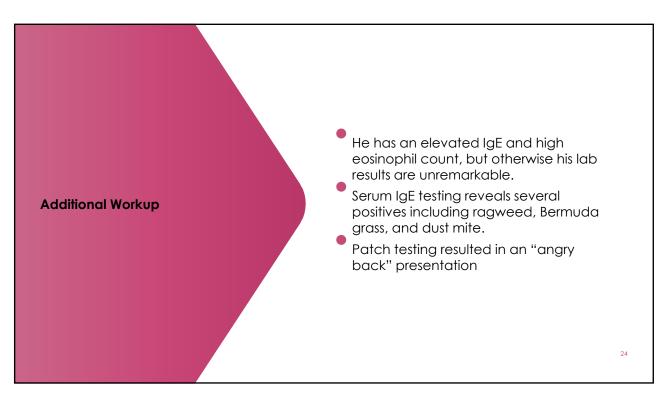


- Difficult!
- IGA... EASI... SCORAD...
 BSA... QOL... History...
 morphology...
- Hmmm...
- Sometimes need a more functional approach



https://www.fondation-dermatite-atopique.org/en/healthcare-professionals-space/po-scorad $\ _2$

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Mod-Severe Eczema Action Plan

When Flaring (Itchy, Red, Oozing):

AM:

- 1. Apply mometasone to the eczema areas
- 2. Apply moisturizer liberally
- 3. Take Vitamin D supplement + Probiotic

PM:

- 1. Wash with Oil Cleanser
- 2. Apply mometasone to the eczema areas
- 3. Apply moisturizer liberally

Do this for several days (up to 1 week) until better...

Once Better:

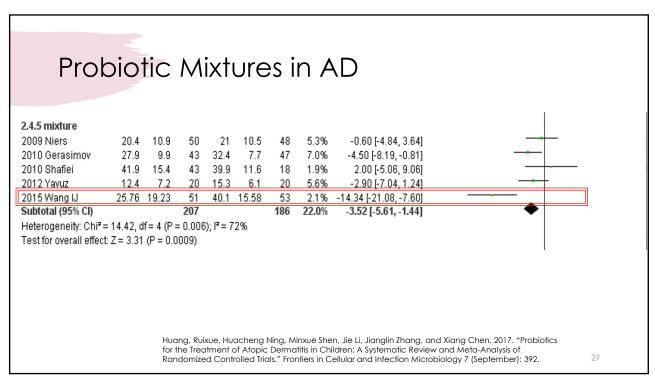
AM:

- 1. Apply tacrolimus ointment to remaining areas/trouble spots
- 2. Apply moisturizer liberally
- 3. Take Vitamin D supplement + Probiotic

PM:

- 1. Wash with Oil Cleanser
- 1. Apply tacrolimus ointment to remaining areas/trouble spots
- 3. Apply oisturizer liberally

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Wang et al. study

- DB-RPC trial of 220 children with mod-severe AD
- Randomized to receive LP, LF, LP+LF mixture, and placebo for three months
- Lactobacillus paracasei (LP) and Lactobacillus fermentum (LF)
- (2x10⁹ colony forming units (cfu) QD), an LP and LF mixture (4x10⁹ cfu QD)
- Children who received LP, LF, and LP+LF mixture showed lower SCORAD scores than the placebo group (p<0.001)

Wang IJ, Wang JY. Children with atopic dermatitis show clinical improvement after Lactobacillus exposure. Clinical & Experimental Allergy. 2015 Apr;45(4):779-87.

