

Topical treatment shows potential for infantile eczema

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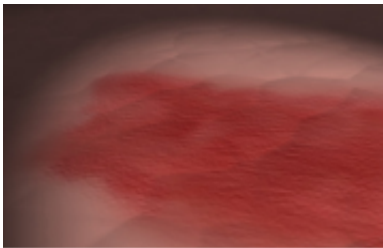


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Ten days of treatment with a cream containing 15(R/S)-methyl-lipoxin A₄ is well tolerated and reduces the severity of infantile eczema, according to a study published online July 26 in the *British Journal of Dermatology*.

(HealthDay) -- Ten days of treatment with a cream containing 15(R/S)-methyl-lipoxin A₄ (LXA₄) is well tolerated and reduces the severity of infantile eczema, according to a study published online July 26 in the *British Journal of Dermatology*.

Noting that LXA₄ and its analogs have been used in treatment of many animal models of [inflammatory diseases](#), Sheng-Hua Wu, M.D., Ph.D., of the First Affiliated Hospital of Nanjing Medical University in China, and colleagues conducted a double-blind, placebo-controlled study involving 60 patients with infantile [eczema](#) to examine the efficacy of 15(R/S)-methyl-LXA₄. Participants were treated with 15(R/S)-methyl-LXA₄, mometasone furoate (Elocon), or placebo for 10 days. Scores on

the Eczema Area and Severity Index, the Infants' Dermatitis Quality of Life Index, and the Severity Scale Score were used to assess efficacy.

The researchers found that all efficacy measures were significantly improved in patients treated with 15(R/S)-methyl-LXA₄ cream, in a similar manner to that of those treated with Elocon. There was a significant and persistent reduction of eczema severity and eczema areas, and improved quality of life was noted. Safety parameters remained within normal limits and there were no adverse events reported.

"This small exploratory study suggests that further investigation of the clinical use of LXA₄ analogs in eczema is warranted," the authors conclude.

More information: [Abstract](#)
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