

Lebrikizumab shows efficacy in skin-of-color patients with atopic dermatitis

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Lebrikizumab demonstrates improvement in skin clearance and itch relief in patients with skin of color and moderate-to-severe atopic

dermatitis, according to a study presented at the annual meeting of the [American Academy of Dermatology](#), held from March 8 to 12 in San Diego.

Andrew Alexis, M.D., M.P.H., from Weill Cornell Medicine in New York City, and colleagues conducted ADmirable, a phase 3b, open-label, 24-week study to evaluate lebrikizumab in adults and adolescents with atopic dermatitis and skin of color. Interim data were presented for 50 patients aged 12 years and older with Fitzpatrick Phototype IV to VI.

Self-reported race of the patients was 80 percent Black/African-American, 14 percent Asian, and 6 percent American Indian/Alaska Native. Patients were administered a 500-mg loading dose of lebrikizumab at baseline and week two followed by a 250-mg dose every two weeks up until week 16.

The researchers found that at week 16, 68.3 percent of patients achieved a ≥ 75 percent reduction in the Eczema Area and Severity Index (EASI 75) and 39.0 percent achieved an Investigator's Global Assessment of 0 or 1 with ≥ 2 -point improvement. The mean change and percentage change in the EASI were -22.2 and -79.1 percent, respectively; the corresponding changes in the Pruritis Numeric Rating Scale were -4.0 and -53.9 percent.

Improvement in mean percentage change for hypopigmented and hyperpigmented lesions was also identified on the PDCA-Derm, a new scale used to describe postinflammatory lesions compared to unaffected skin. No serious adverse events were reported.

"People with skin of color are disproportionately affected by atopic dermatitis, often experiencing more [severe symptoms](#), a delay in

diagnosis, and a lengthier timeframe to find appropriate treatment," Alexis said in a statement.

"They also have been historically underrepresented in [clinical trials](#), which means we have lacked data pertaining to the treatment of patients with skin of color. With these initial results, [we are] taking a step toward investigating the needs of people with skin of color affected by [atopic dermatitis](#)."

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