

Erenumab effective, safe for rosacea-linked erythema, flushing

April 17 2024, by Elana Gotkine



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The anticalcitonin gene-related peptide-receptor monoclonal antibody erenumab is effective and safe for treatment of rosacea-associated erythema and flushing, according to a study [published](#) in *JAMA Dermatology*.

Nita K.F. Wienholtz, M.D., Ph.D., from Copenhagen University Hospital-Rigshospitalet in Denmark, and colleagues examined the effectiveness, tolerability, and safety of erenumab for treatment of rosacea-associated erythema and flushing in a single-center, nonrandomized trial involving adults with rosacea with at least 15 days of moderate-to-severe erythema and/or moderate-to-extreme flushing. Participants received 140 mg erenumab subcutaneously every four weeks for a period of 12 weeks; safety was assessed at week 20.

Thirty participants were included; 27 completed the study. The researchers observed a reduction of –6.9 days in the mean number of days with moderate-to-extreme flushing, from 23.6 days at baseline. For moderate-to-severe erythema, the mean number of days was reduced by –8.1 from 15.2 at baseline. Adverse events included transient mild-to-moderate constipation, transient worsening of flushing, bloating, and upper respiratory tract infection (33, 13, 10, and 10%, respectively). One participant discontinued the study due to a serious adverse event, deemed unrelated to the study, and two withdrew consent due to [time constraints](#).

"The results also suggest that erenumab is generally well tolerated, with mild and/or transient adverse effects," the authors write. "Larger randomized, controlled, double-blind studies are necessary to confirm these findings and to investigate the long-term effects of erenumab [treatment](#)."

A related Editor's Note in *JAMA Dermatology* [appears here](#).

More information: Nita K. F. Wienholtz et al, Erenumab for Treatment of Persistent Erythema and Flushing in Rosacea, *JAMA Dermatology* (2024). [DOI: 10.1001/jamadermatol.2024.0408](https://doi.org/10.1001/jamadermatol.2024.0408)

John S. Barbieri, Potential Role of Calcitonin Gene-Related Peptide Inhibitors in the Treatment of Rosacea Flushing and Erythema, *JAMA Dermatology* (2024). [DOI: 10.1001/jamadermatol.2024.0397](https://doi.org/10.1001/jamadermatol.2024.0397)

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