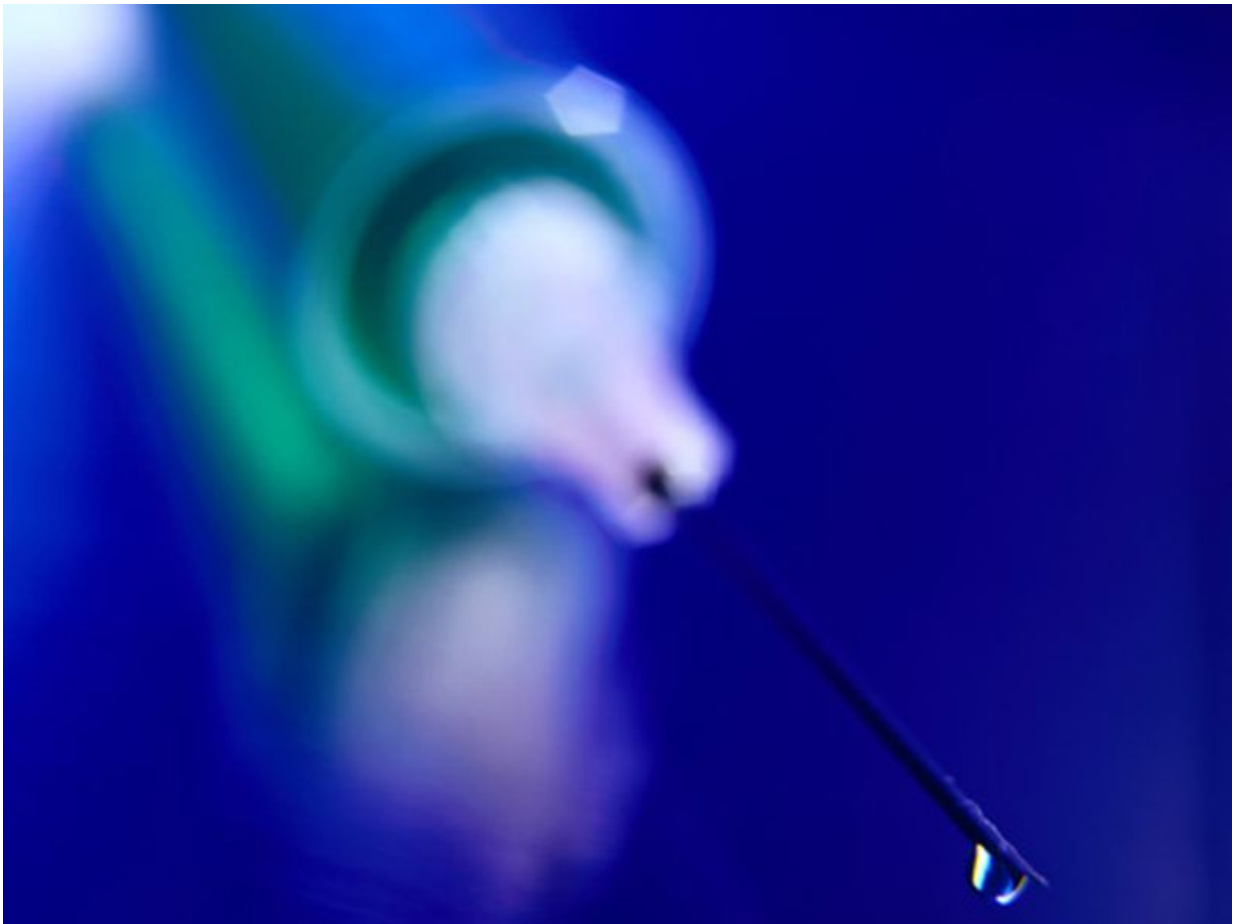


# Omalizumab protects against early, late allergic responses

June 9 2017

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(HealthDay)—For patients with a significant response to allergen

challenge, omalizumab induces protective effects against early (EAR) and late allergic reactions (LAR), according to a study published online June 5 in *Allergy*.

Jordis Trischler, M.D., from the University Hospital Frankfurt in Germany, and colleagues determined the time course of the early (EAR) and late allergic reaction (LAR). Ten patients with a significant response to allergen challenge were treated with omalizumab. At week one, two, four, and eight, bronchial [allergen](#) provocations were repeated.

The researchers observed a significant reduction in EAR after four weeks (change in forced expiratory volume in one second [ $\Delta$ FEV1], 28 versus 11 percent; P nitric oxide, 86 versus 53 ppb; P

"These results demonstrate the onset of protective effects earlier than previously determined, potentially improving seasonal utilization and combination with immunotherapy," the authors write.

**More information:** [Abstract](#)  
[Full Text \(subscription or payment may be required\)](#)

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