



A natural experiment on the effect of herpes zoster vaccination on dementia | Nature

Article | [Open access](#) | Published: 02 April 2025

A natural experiment on the effect of herpes zoster vaccination on dementia

[Markus Eyting](#), [Min Xie](#), [Felix Michalik](#), [Simon Heß](#), [Seunghun Chung](#) & [Pascal Geldsetzer](#) 

[Nature](#) (2025) | [Cite this article](#)

Through the use of a unique natural experiment, this study provides evidence of a dementia-preventing or dementia-delaying effect from zoster vaccination that is less vulnerable to confounding and bias than the existing associational evidence.

<https://www.nature.com/articles/s41586-025-08800-x>