

Either trivalent flu vaccine safe for use in seniors

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Either the trivalent adjuvanted inactivated influenza vaccine (aIIV3) or

the trivalent high-dose inactivated influenza vaccine (HD-IIV3) is safe to use in older adults, according to a study published online Jan. 14 in *JAMA Network Open*.

Kenneth E. Schmader, M.D., from Duke University in Durham, North Carolina, and colleagues compared the safety, reactogenicity, and health-related quality-of-life effects of the aIIV3 and HD-IIV3 in 757 U.S. adults aged 65 years and older.

The researchers found that the proportion reporting moderate-to-severe injection-site pain, limiting or preventing activity, after aIIV3 (12 participants) was noninferior compared with HD-IIV3 (22 participants; difference -2.7 percent; 95 percent confidence interval, -5.8 to 0.4). Four reactions did not meet noninferiority criteria for aIIV3: moderate-to-severe injection-site tenderness, arthralgia, fatigue, and malaise. But it was inconclusive whether these reactions occurred in higher proportions of participants after aIIV3. The investigators found that no participant sought [medical care](#) for a vaccine reaction, there were no adverse events of clinical interest, and there were no serious adverse events associated with vaccination.

"From a [safety](#) standpoint, aIIV3 or HD-IIV3 is an acceptable option to prevent influenza in [older adults](#)," conclude the authors.

Two authors disclosed financial ties to the pharmaceutical industry.

More information: [Abstract/Full Text](#)

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