

Models predict nursing home residents' risk of fall-related injuries

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In research published in the *Journal of the American Geriatrics Society*, investigators developed and validated models that can predict the risk of fall-related injuries in nursing home residents based on routinely

collected clinical data.

The [prediction models](#) achieved good discrimination and excellent calibration for accurately estimating individuals' six-month and two-year risk of fall-related injuries. One short model that performed well included only five predictors: Activities of Daily Living Score, recent fall, hospitalization in the previous year, ability to walk in room, and history of non-hip fractures.

"These models can be used by researchers and clinicians to accurately determine patient risk for fall-related injuries using routinely collected clinical assessment data," the authors wrote. "In nursing homes, these models should be used to target preventive strategies."

More information: Development and validation of the fall-related injury risk in nursing homes (INJURE-NH) prediction tool, *Journal of the American Geriatrics Society* (2023). [DOI: 10.1111/jgs.18277](https://doi.org/10.1111/jgs.18277)

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