

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

March 8 2023



Credit: Pixabay/CC0 Public Domain

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)

Provided by Wiley

Citation: Models predict nursing home residents' risk of fall-related injuries (2023, March 8) retrieved 5 May 2024 from <https://medicalxpress.com/news/2023-03-nursing-home-residents-fall-related-injuries.html>

| |
|--|
| <p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p> |
|--|