

CLSA Approved Project

Applicant

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Project Title

Cognition, frailty and falls: Should they be part of fracture risk assessment?

Project Summary

Osteoporosis is a disease that causes your bones to break more easily. It puts people at higher risk for illness, death, and worse quality of life. The likelihood of breaking a bone can be calculated using fracture risk assessment tools like the FRAX and CAROC, which include items like age, sex, and bone mineral density. They do not include items that are relevant to older adults like cognitive impairment, frailty, and falls. Our study will examine the association between fractures, cognition, frailty, and falls using data from the Canadian Longitudinal Study on Aging. Our study will help determine if these items should be added to current fracture risk assessment to help predict fractures better.

Keywords

Fractures, Frailty, Osteoporosis, Cognition, Falls