The Impact of Fall Efficacy on Occupational Performance in Community-Dwelling Older Adults

Michelle Fong  
*Dominican University of California*

Araya Moua  
*Dominican University of California*

Erin DeNola  
*Dominican University of California*

Merit Franklin  
*Dominican University of California*

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**Recommended Citation**
Fong, Michelle; Moua, Araya; DeNola, Erin; and Franklin, Merit, "The Impact of Fall Efficacy on Occupational Performance in Community-Dwelling Older Adults" (2018). *Student Research Posters*. 83.  
https://scholar.dominican.edu/ug-student-posters/83

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The Impact of Fall Efficacy on Occupational Performance in Community-Dwelling Older Adults
Erin DeNola, OTS, Michelle Fong, OTS, Merit Franklin, OTS, Araya Moua, OTS
Faculty Advisor: Susan Morris, PhD, OTR/L
Occupational Therapy Department, Dominican University of California

INTRODUCTION

Background:
- Falls affect one-third of adults annually and are the leading cause of death for older adults (OA) (Ambrose, Paul, & Hausdorff, 2013 & He, Goodkind, & Kowal, 2016).
- Fall Efficacy (FE) is the confidence a person has in his/her ability to complete a task without falling (Tinetti & Powell, 1993).
- Low FE restricts OA’s participation in ADLs, IADLs, leisure activities, and social participation (Jung et al., 2015).
- Our literature revealed many fall prevention interventions focus on physical factors, however, learning more about the psychological components that contribute to falls may also improve outcomes.

Statement of Purpose:
To explore how low FE impacts participation in activities among community-dwelling OAs.

RESEARCH DESIGN & METHODS

- Semi-structured interviews guided by the Modified Fall Efficacy Scale (MFES) with 5 participants.
- Interviews were coded and themes were identified using triangulation and constant comparison method.
- Inclusion criteria:
  - ≤ 6 on MFES, 65 years of age or older, and cognitively intact.

MFES

<table>
<thead>
<tr>
<th>Activity</th>
<th>Lowest Average Scores</th>
</tr>
</thead>
<tbody>
<tr>
<td>Take a bath or shower</td>
<td>3.7</td>
</tr>
<tr>
<td>Get in/out of a chair</td>
<td>3.7</td>
</tr>
<tr>
<td>Reach into cabinets or closets</td>
<td>3.7</td>
</tr>
<tr>
<td>Using front or rear steps at home</td>
<td>2.7</td>
</tr>
</tbody>
</table>

PARTICIPANT QUOTES

“I try to walk on…ground level…I try never to walk where it is too steep…or where there are no rails…so like climbing or going down steep (stairs), you know I try to avoid…”

“What would you say frustrates you the most about being fearful about falling overall?” “It inhibits me socially and geographically…”

“Yeah, sometimes when trying to reach something, um, high up, I try to say, ‘Should I bother? I might fall.’”

DISCUSSION & IMPLICATIONS

- Psychological factors, such as FE contribute to decreased participation in occupations and therefore, should be addressed as a component in fall prevention interventions to increase participation.
- Environmental modifications, or the lack thereof, had the most impact on occupational performance.
- A higher level of occupational participation was present among those who used adaptive and compensatory strategies.

ACKNOWLEDGMENTS

- Susan Morris, PhD, OTR/L, Dominican University of California Occupational Therapy Department
- Mary Tinetti, MD
- Albert Bandura, PhD, MA
- Hill, K.D., and colleagues for MFES
- Redwoods Assisted Living, Mills Valley

References: