Participants' Perceptions of Factors in Preventing Falls

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Introduction

- Approximately 3.5 million community-dwelling older adults reported at least one fall in a three-month period (Boyd & Stevens, 2009).
- Multifactorial fall prevention programs have been developed in response to the public and individual health concerns of community-dwelling older adults (Boyd & Stevens, 2009).
- Few multifactorial fall prevention programs have integrated participants' feedback to enhance program effectiveness (McMahon, Talley, & Wyman, 2011).
- The program under evaluation:
  - Services adults older than 65.
  - Includes: medication review, exercise programs, home modifications, basic visual screening, and follow-up volunteer calls.
  - Provides 2 home visits and a 1-year follow-up visit by an occupational therapist from the agency.

Literature Review

- Older adults who have multiple medications, home hazards, and compromised balance are more likely to experience a fall (Ferreri, Roth, Casteel, Demby, & Bialock, 2008).
- Falls can result in injuries, fear of falling, financial consequences (Kwan, Close, Wal, & Lord, 2011).
- Research indicates that multifactorial fall prevention programs are more effective than single factor programs for older adults with a history of falls (Costello & Edelstein, 2008).

Purpose

- To interview participants who have completed the program to explore which aspects of the program were most beneficial for them.

Method

- Based on self-report that the program was beneficial in helping them reduce their rate of falls or fall risk factors, five female participants (average age of 88.4; SD = 5.8) volunteered for a semi-structured interview with two program evaluators and an occupational therapist from the agency.
- Interviews were transcribed verbatim.
- Program evaluators read and coded the transcription while searching for recurring themes.
- Program evaluators and the agency discussed the outcomes to ensure neutrality, veracity, and integrity of the themes.

Program Recommendations

- Three primary themes were identified: integration of exercises into daily life, implementation of home modification recommendations, and appreciation of follow-up volunteer calls.
- Based upon the identified themes, the following recommendations were made:
  - **Exercises**
    - Purposefully teach participants how to integrate exercises into daily routines.
    - Offer an interactive and social option through Skype exercise sessions.
  - **Home Modifications**
    - Include an additional mid-year occupational therapist visit to ensure adherence to environmental modification recommendations.
  - **Follow-Up Volunteer Calls**
    - Recruit additional volunteers to increase consistency and frequency of follow-up calls.

References


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“Getting the call every month from your wonderful woman from the fall program is like a lifesaver. I knew someone was watching out for me. Someone was looking out for me. They were going to call me every month. It really helped me. It really helped me live.” comments from Participant 1

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