Dual task training for the geriatric client: Promoting attention to detail

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Objective

- To describe the impact of dual tasking on the functional mobility of older adults
- To explore the role of interprofessional educational series to impact older adults' attention to detail
- To discuss the utilization of technology and social media in dissemination of an interprofessional educational series for older adults
Increased longevity has resulted in an ‘Aging World’. US population of > 65 yrs. in 2010 is 12.5%; projected to increase by 20% in 2030 (US Census Bureau, 2010)

As the elderly population increases the care needs and expenditures for that care will increase (Lajoie et al., 1996; Sparow et al., 2002)
In daily life, we are subjected to a variety of stimuli, often requiring dual tasking (multitask)
Strong relationship exists between dual-task related gait changes and the risk for falling in the elderly (Verhaeghen & Cerella, 2002; Woollacott & Shumway-Cook, 2002).

**Dual Task Literature**

**Varied Subjects**

**Utilized Different instrumentation**

**Manipulated Postural Task**

**Manipulated 2º Task type & difficulty**

**Manipulation of Sensory Information**

**Manipulation of focus of attention**
Framework for interprofessional educational series

- Teaching
- Service
- Research

Sharing What We Know: A Framework for an Interprofessional Educational Series
triangulated approach

Research
Across disciplines and within disciplines

Teaching
Community Academy

Service
Local and international
Publications

Presentations: formal and informal

Community outreach events

U tube

Web

Public access TV
Summary

- Dual tasking does affect functional mobility of older adults globally.
- Triangulated framework can be used to bring attention to detail.
- Interprofessional educational series can impact older adults' attention to detail.
- Technology and social media can aid in dissemination of an interprofessional educational series for older adults.
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References: