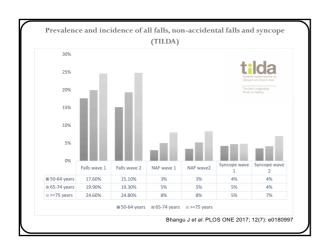
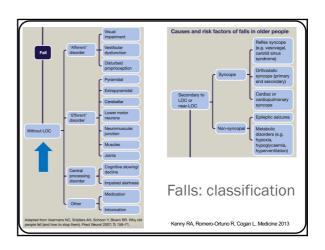
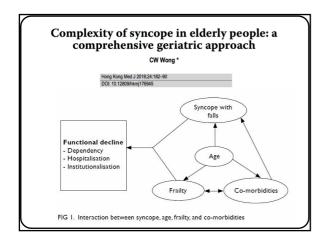
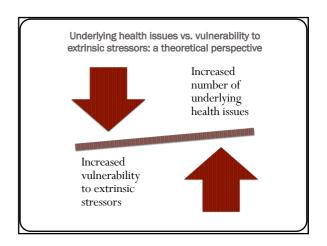


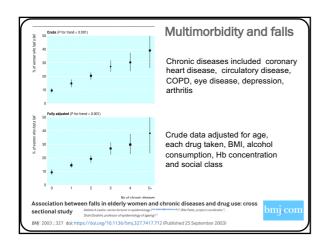
Presentation outline • Falls in older people vs. multimorbidity and frailty • Non-cardiovascular and cardiovascular causes of falls • The Comprehensive Geriatric Assessment approach











Frailty: the clinical concept

- 'A condition or syndrome which results from a multi-system reduction in reserve capacity to the extent that a number of physiological systems are close to, or past, the threshold of symptomatic clinical failure.
- As a consequence the frail person is at increased risk of disability and death from minor external stresses'.

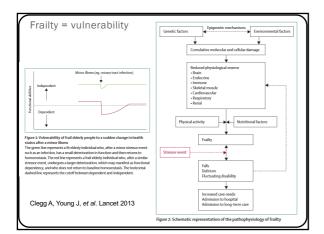
Age and Ageing 1997; 26: 315-318

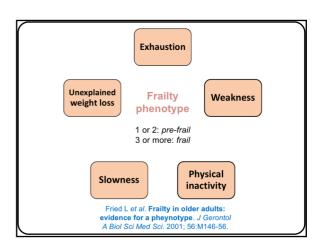
Unstable disability and the fluctuations of frailty

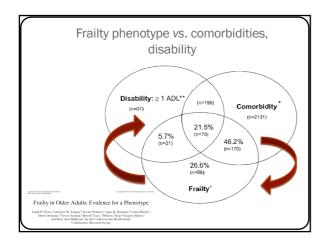
A. JOHN CAMBELL DWO M. BUCHER!

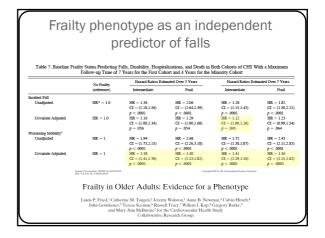
Department of Medicine, University of Otago Medical School, PO Box 913, Dunedri, New Zealand

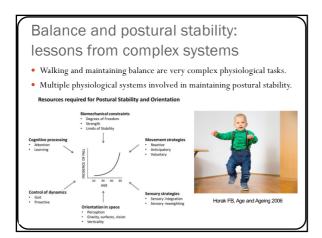
Department of Health Services, University of Walnington Southle, WA, USA

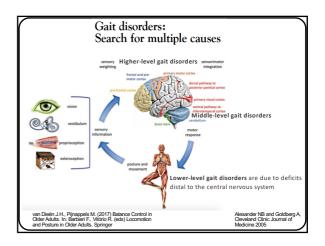


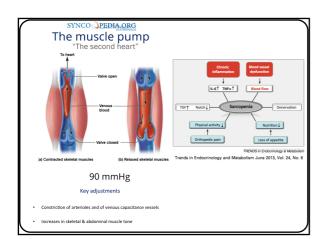


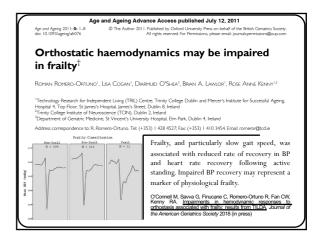


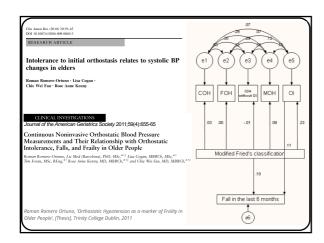












Arrhythmia

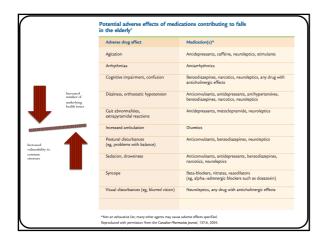
ORIGINAL ARTICLI

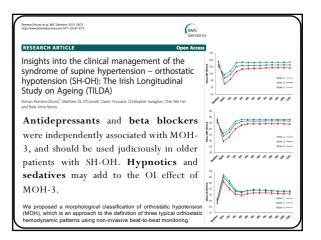
Long-term cardiac monitoring in older adults with unexplained falls and syncope

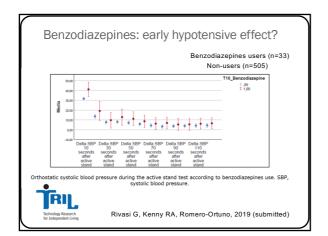
Jaspreet Bhangu, ¹ C Geraldine McMahon, ² Patricia Hall, ¹ Kathleen Bennett, ³ Ciara Rice, ⁴ Peter Crean, ⁵ Richard Sutton, ⁶ Rose-Anne Kenny ¹

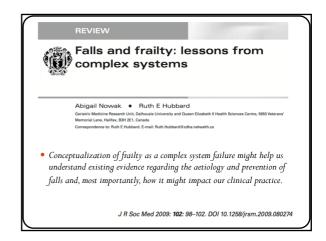
Heart 2016;0:1-6. doi:10.1136/heartjnl-2015-308706

Twenty per cent of unexplained fallers demonstrate an arrhythmia which is attributable as the cause of their fall. Patients who have cardiac arrhythmia are significantly more likely to experience future falls.









Cardiovascular assessment of falls in older people Clinical Interventions in Aging 2006:1(1) 57-66 Maw Pin Tan Rose Anne Kenny² Key challenges: Significant overlap between falls and syncope in older persons Amnesia for loss of consciousness during unwitnessed syncope Falls, frailty and syncope are due to multiple systems dysregulation Often unwitnessed, partial histories, cognitive and sensory issues Atypical presentations, 'distracting' presentations Polypharmacy and variable adherence Single culprit unlikely Suspect primarily cardiac if: Is it cardiac? Assessment of History (palpitations, SOB)Arrhythmia, abnormal ECGKnown structural, IHD, CCF syncope with a scoring system Recurrent unexplained injurious falls Heart December 2008 Vol 94 No 12

