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Increasing Physical Activity Amounts and Intensity in Older Adults Using Low Cost Wearable Devices - “Cadence Training”

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Disclosure

I have no actual or potential conflict of interest in relation to this presentation.
New generation consumer tracking devices
Expected values for special populations

Tudor-Locke et al., *Preventive Medicine*, 2009
Alternative Terms for Cadence

- Step frequency
- Step rate
- Stride frequency
- Stride rate
- Walking tempo
- Steps/min
- SPM
- Steps·min⁻¹
6135 steps/day

Tudor-Locke et al., in progress
Synthesis of 7 treadmill/track/corridor studies

Metabolic Equivalent (MET); 1 MET = 3.5 ml oxygen consumption per kg per minute

Tudor-Locke et al., *IJBNPA*, 2011
THANK YOU!