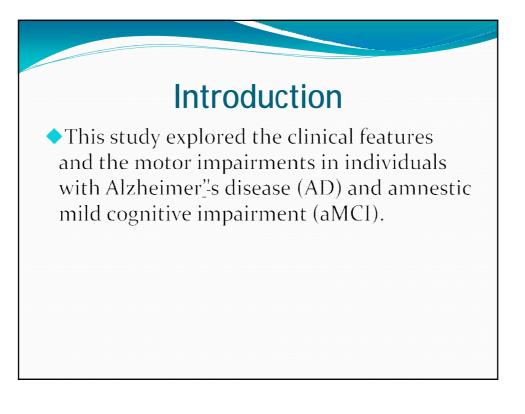
Characterization of Fine Motor Functions in Individuals with Alzheimer's Disease and Mild Cognitive Impairment

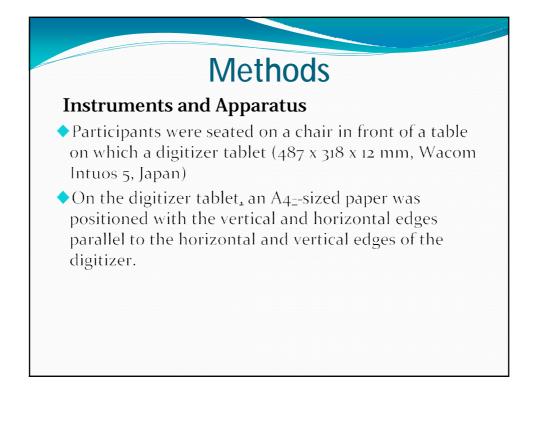
Nan-Ying Yu Department of Physical Therapy, I-Shou University, Kaohsiung, Taiwan

Jui-Yun Tsao Gangshan Veterans Home, Veterans Affairs Commission, Kaohsiung, Taiwan

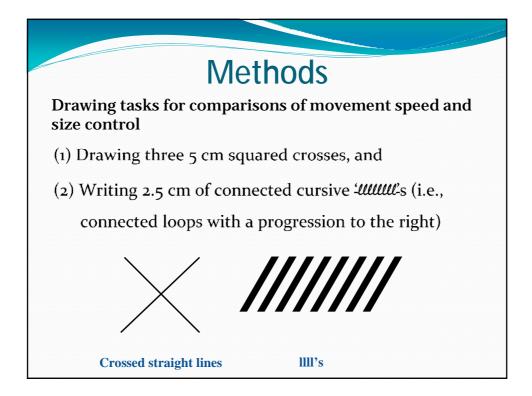
Shao-Hsia Chang* Department of Occupational Therapy, I-Shou University, Kaohsiung, Taiwan

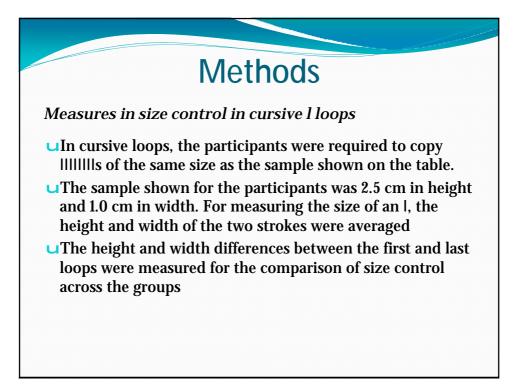


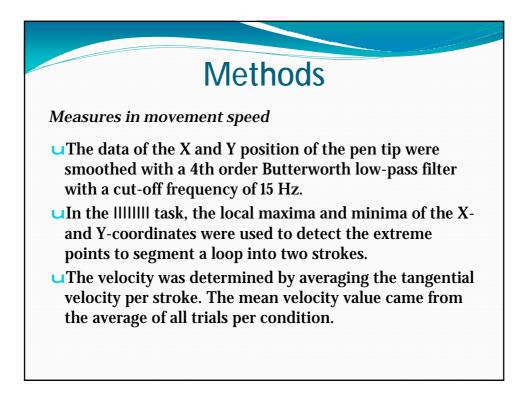
Methods Fable 1. Demographics and psychometrics of the participants (N = 48)			
N	16	12	20
Age (years), mean (SD)	74.2 (4.7) ^a	73.9 (4.8) ^a	74.9 (4.2) ^a
Gender, Male/Female	11/5ª	8/4ª	14/6ª
Education (years), mean (SD)	9.3 (3.9) ^a	10.7(3.2) ^a	9.9 (3.8) ^a
WMS-III			
LM I	10.4 (2.7) ^a	6.7(3.1) ^b	2.7(.9)°
LMI	9.9 (3.3) ^a	6.8 (2.9) ^b	2.8 (.9)°
VRI	$12.4(1.9)^{a}$	7.3 (2.0) ^b	3.4 (1.0)°
VR II	10.3 (2.8) ^a	6.9(.3) ^b	6.1 (.7) ^b

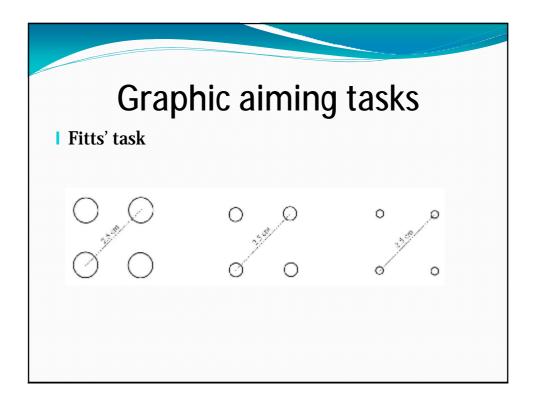


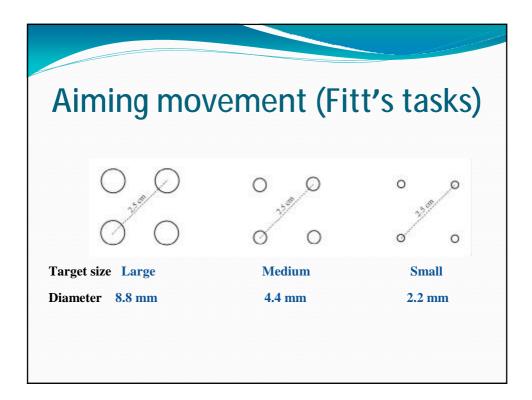


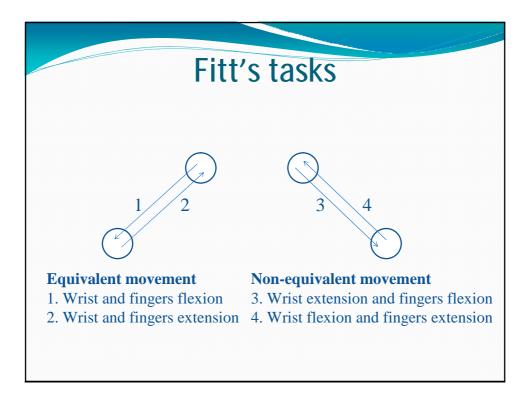


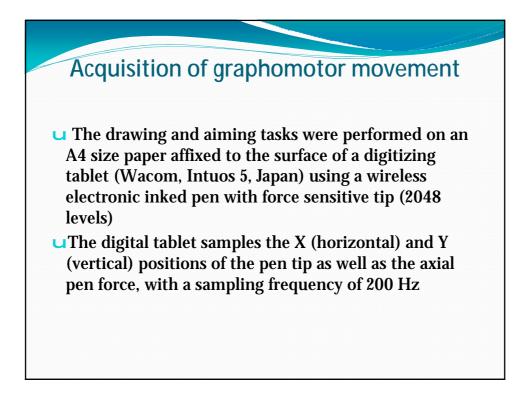


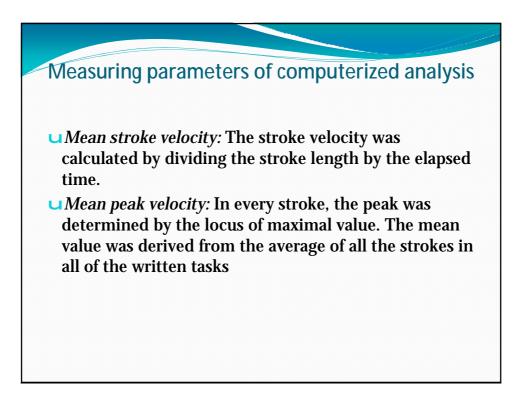


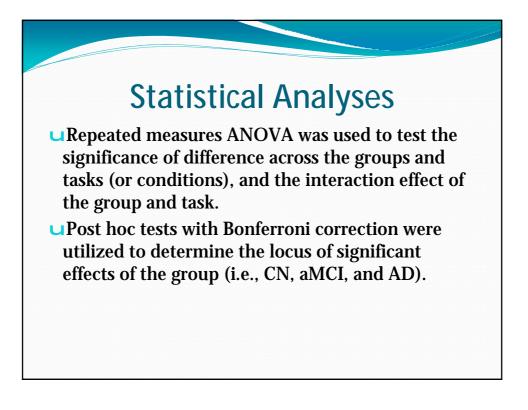


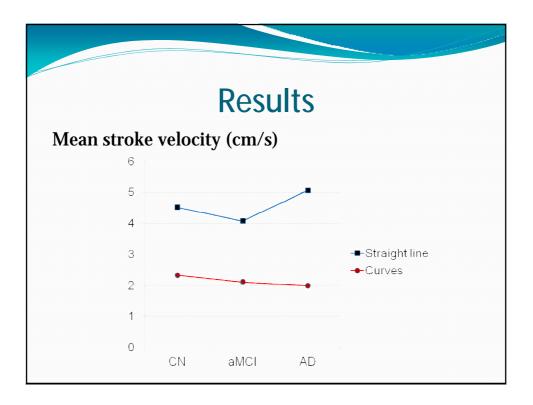


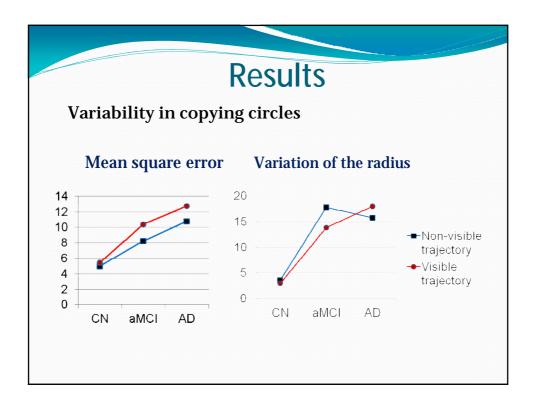


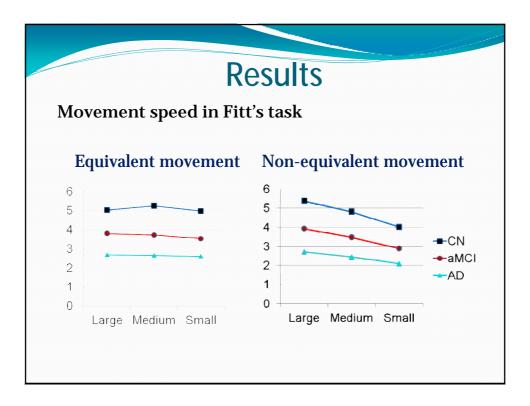


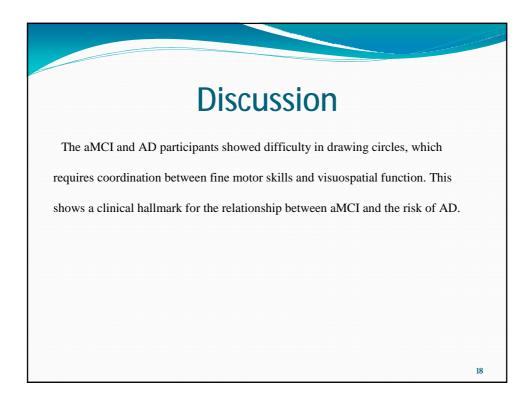












<section-header> Conclusion In summary, persons with aMCI as expected also have impaired fine motor function, and the degree of impairment in fine motor function is similar to but less impaired than that of AD. The results suggest that aMCI is characterized by motor dysfunction and cognitive impairment and that the degree of motor impairment, particularly aiming movements with accuracy constraint, may help identify those at risk for AD.

