

Parkinson's Disease

Current Awareness

Bulletin

August 2015

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Academy Library 824897 or ruh-tr.library@nhs.net

Jason Ovens
Head of Library & Knowledge Services

Title: A narrative review of turning deficits in people with Parkinson's disease.

Citation: Disability & Rehabilitation, 15 July 2015, vol./is. 37/15(1382-1389), 09638288

Author(s): Hulbert, Sophia, Ashburn, Ann, Robert, Lisa, Verheyden, Geert

Abstract: Purpose: Clinically, people with Parkinson's disease (PD) demonstrate a loss of axial rotation of the spine often described as moving 'enbloc', with little dissociation between the head, trunk and lower limbs whilst turning. The purpose of this narrative review is to explore the behaviour and relationship of the reported deficits during whole body turning in people with PD, compared to controls. Better understanding of the relationship and impact of the deficits will permit the development of tailored and novel intervention strategies to improve functional performance in turning for people with PD. Methods: Four electronic databases with the search terms: Parkinson* and turn* were used. Results: Seventy-seven papers were reviewed. Turning deficits in people with PD were identified as originating from two hypothetical body segments - perpendicular (i.e. legs) or axial (i.e. head, trunk and pelvis) segments and the relationship between them discussed. Conclusion: Specific movement deficits in turning in people with PD can be categorised into axial and perpendicular deficits. Synthesis of the literature suggests the possibility of axial deficits driving secondary responses in the perpendicular segments. This should be explored when designing rehabilitation aimed at improving turning performance, as current therapy guidelines focus on exercises emphasising perpendicular aspects.

Title: Active and Passive Methods of Detecting Parkinson's Disease.

Citation: Journal of the American Geriatrics Society, 01 June 2015, vol./is. 63/6(1261-1263), 00028614

Author(s): Wen, Chiung-Jung, Yen, Amy Ming-Fang, Chiu, Sherry Yueh-Hsia, Chen, Sam Li-Sheng, Fann, Jean Ching-Yuan, Hwang, Yuarn-Chung, Chen, Ta-Fu, Wen, Ying-Rong, Liou, Horng-Huei, Chen, Hsiu-Hsi

Full Text:

Available from *Wiley* in [Journal of the American Geriatrics Society](#)

Title: How do people live life successfully with Parkinson's disease?

Citation: Journal of Clinical Nursing, 01 August 2015, vol./is. 24/15/16(2314-2322), 09621067

Author(s): Kang, Mi-Young, Ellis-Hill, Caroline

Title: Levels and Patterns of Physical Activity and Sedentary Behavior in Elderly People With Mild to Moderate Parkinson Disease.

Citation: Physical Therapy, 01 August 2015, vol./is. 95/8(1135-1141), 00319023

Author(s): Wallén, Martin Benka, Franzén, Erika, Nero, Håkan, Hagströmer, Maria

Full Text:

Available from *EBSCOhost* in [Physical Therapy](#)

Available from *ProQuest* in [Physical Therapy](#)

Title: Toward Understanding Ambulatory Activity Decline in Parkinson Disease.

Citation: Physical Therapy, 01 August 2015, vol./is. 95/8(1142-1150), 00319023

Author(s): Cavanaugh, James T., Ellis, Terry D., Earhart, Gammon M., Ford, Matthew P., Foreman, K. Bo, Dibble, Leland E.

Title: Fatigue in Parkinson Disease: An Integrative Review.

Citation: Journal of Neuroscience Nursing, 01 June 2015, vol./is. 47/3(146-153), 08880395

Author(s): Bruno, Amy E., Sethares, Kristen A.

Sources Used

The following databases are searched on a regular basis in the development of this bulletin: Amed, British Nursing Index, Cinahl, Medline

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