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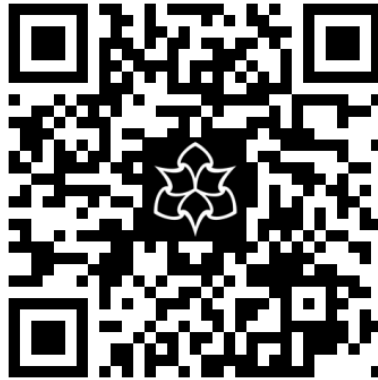
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Supplementary materials

A video of the averaged GVS response in the ground and height conditions described in Chapter 2 can be found by scanning the QR-code below or with the following link:
https://mmutube.mmu.ac.uk/media/t/1_ck75hmkd



As in Figure 2.7, the mediolateral movement of the body nodes is shown. Dots and stick figures show mediolateral displacement of the head, trunk and lower extremity body nodes with respect to the position at GVS onset. The left side represents the cathode side and the right side represents the anode side. Arrows represent mediolateral acceleration. Inter-node distances are not scaled.

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Publications & Conferences

Publications

de Melker Worms J. L. A., Stins J. F., Beek P. J., Loram I. D. The Effect of Fear of Falling on Vestibular Feedback Control of Balance, *Manuscript under revision*.

de Melker Worms J. L. A., Stins J. F., van Wegen E. E. H., Verschueren S. M. P., Beek P. J., Loram I. D. (2017) Effects of Attentional Focus on Walking Stability in Elderly, *Gait and Posture* (55), 94-99.

de Melker Worms J. L. A., Stins J. F., van Wegen E. E. H., Loram I. D., Beek P. J. (2016) Influence of Focus of Attention, Reinvestment and Fall History on Elderly Gait Stability, *Physiological Reports* (5); e13061.

Conference presentations

International Society of Posture and Gait Research (Sevilla 2015)

Oral: Full Body Kinematic Analysis of Altered Vestibular Reflexes Caused by Postural Threat. Abstract reference O.2.3.

Poster: Spatiotemporal Gait parameters in Elderly are unaffected by internal or external attention. Abstract reference P3-O-72.

International Society of Biomechanics (Glasgow 2015)

Nominated for “the David Winter Young Investigator Award”.

Oral: The Effect Of Fear of Falling and Vestibular Sensory Feedback on Postural Control Kinematics. Abstract reference AS-0246.

Poster: Effects of Internal and External Attention on Gait in Elderly. Abstract reference PO-0147.

European Society for the Cognitive Sciences of Music (Manchester 2015)

Oral: The Effect of Fear on Human Motor Performance. Abstract reference 4A.

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