

Paper Commentary Exercise

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1 Wearable audio-feedback system for gait rehabilitation in subjects with parkinson's disease – Rating: 4/5

This paper [1] is clearly to present a system for gait rehabilitation for use in a daily life setting.

This paper applies the algorithm on ABF(audio bio-feedback) application.

The authors implements the system that entails the improvement of gait's rhythm amplitude, the decrease of the asymmetry and the correction of a wrong posture assumption.

I wish they can provide more complete example about the training experiment.

2 Physiotherapy management of knee osteoarthritis [2] – Rating: 4/5

The paper points that there is sufficient evidence to indicate that physiotherapy interventions can reduce pain and improve function in those with knee OA .

This paper introduces some types to maintain our knees,including exercise, taping, bracing, insoles and shoes and manual therapy.

This paper's reference give me lots of clues to find out the exercise that suit for OA.

I wish the paper can show more ways about the physical therapy.

References

- [1] F. Casamassima, A. Ferrari, B. Milosevic, L. Rocchi, and E. Farella. Wearable audio-feedback system for gait rehabilitation in subjects with parkinson's disease. In *Proceedings of the 2013 ACM Conference on Pervasive and Ubiquitous Computing Adjunct Publication*, UbiComp '13 Adjunct, pages 275–278, New York, NY, USA, 2013. ACM.
- [2] C. J. PAGE, R. S. HINMAN, and K. L. BENNELL. Physiotherapy management of knee osteoarthritis. *International Journal of Rheumatic Diseases*, 14(2):145–151, 2011.