

Match Overview



Name of Journal: *World Journal of Clinical Cases*

Manuscript NO: 66764

Manuscript Type: ORIGINAL ARTICLE

Retrospective Study

Retrospective study of effect of whole-body vibration training on balance and walking function in stroke patients

Xie L *et al.* Whole-body vibration training in stroke patients

Lei Xie, Shi-Xiong Yi, Qi-Feng Peng, Pei Liu, Heng Jiang

There are no matching sources for this report.

Retrospective study of whole-body vibration training on balance an



ALL

IMAGES

VIDEOS

27,700 Results

Any time ▾

Open links in new tab



Whole-body vibration has no effect on neuromotor function ...

<https://pubmed.ncbi.nlm.nih.gov/22330025>

The aim of this randomized controlled trial was to examine the efficacy of whole-body vibration in optimizing neuromotor performance and reducing falls in chronic stroke patients. Methods: Eighty-two...

Cited by: 81

Author: Ricky W. K. Lau, Shea Ping Yip, Marco Y...

Publish Year: 2012

Whole Body Vibration Training - Improving Balance Control ...

<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0089905> ▾

Feb 26, 2014 · In numerous studies, vibration training has been shown to improve balance in sub-populations such as elderly people , or patients with motor impairments or comprised health suffering...

Cited by: 60

Author: Ramona Ritzmann, Andreas Kramer, Sas...

Publish Year: 2014

PEOPLE ALSO ASK

Are there any studies on vibration training for stroke? ▾

What is whole body vibration? ▾

Are there any studies on WBV and stroke? ▾

Can vibration training improve ambulatory speed? ▾

Feedback

Combined whole body vibration and balance training using ...

<https://www.researchgate.net/publication/51063536...>

Recent studies have shown that whole-body vibration can improve balance in early geriatric rehabilitation [17] and after unilateral stroke [18]. Similarly, balance training [19] and Tai-Chi [20 ...

Effects of Whole-body Vibration Exercise on Stroke Patients

<https://clinicaltrials.gov/ct2/show/NCT03375346> ▾

Dec 18, 2017 · Detailed Description: Whole body vibration exercise can provide proper

ALL

IMAGES

VIDEOS

26,600 Results

Any time ▾

Effects of Whole-body Vibration Exercise on Stroke Patients

<https://clinicaltrials.gov/ct2/show/NCT03375346> ▾

Dec 18, 2017 · **Whole body vibration exercise** can provide proper somatosensory stimulation and improve muscle strength and postural control in **stroke patients**. However, there has not yet been a report on the cortical activity changes induced by **whole body vibration exercise**. **Patients** will be randomly assigned to one of the two groups.

Neuromuscular training based on whole body vibration in ...

<https://www.researchgate.net/publication/267874600...>

Objective: To assess the **effect of whole body vibration (WBV) training** on bone density and geometry, muscle size and **function**, mobility, and **balance** in children with OL. Design: Randomised ...

Whole-body vibration has no effect on neuromotor function ...

<https://pubmed.ncbi.nlm.nih.gov/22330025>

Whole-body vibration has no effect on neuromotor function and falls in chronic **stroke**. The addition of the presently used **whole-body vibration** paradigm to a leg exercise protocol was no more effective in improving neuromotor performance and reducing the incidence of falls than leg exercises alone in chronic **stroke patients** who have mild to moderate motor impairments.

Cited by: 79

Author: Ricky W. K. Lau, Shea Ping Yip, Marco Y...

Publish Year: 2012

Frontiers | Long-Term Effects of Whole-Body Vibration on ...

<https://www.frontiersin.org/articles/10.3389/fneur.2019.00627> ▾



Highlights

Introduction

Materials and Methods

Results

Dis



- **WBV** is currently used in locomotor rehabilitation. - **WBV** presents strong evidence for improving performance in the timed-up-and-go test in the elderly, but not in **stroke** or multiple sclerosis **patients**. - **WBV** presents strong evidence for improving performance in the 10-meter **walk test** for elderly, in the 6-min walk test for **stroke** and knee OA **patients** but results are conflicting in COPD **patients**. - Other outcomes present moderate or limi...

See more on [frontiersin.org](https://www.frontiersin.org)

Cited by: 11

Author: Matthieu Fischer, Thomas Vialleron, Guill...

146,000 Results Any time ▾

Whole-body vibration has no effect on neuromotor function ...

<https://pubmed.ncbi.nlm.nih.gov/22330025>

Whole-body vibration has no **effect** on neuromotor function and falls in chronic **stroke**. The addition of the presently used **whole-body vibration** paradigm to a leg exercise protocol was no more effective in...

Cited by: 79 **Author:** Ricky W. K. Lau, Shea Ping Yip, Marco Y. C. ...
Publish Year: 2012

Whole-body vibration training improves balance control and ...

<https://eurapa.biomedcentral.com/articles/10.1186/s11556-017-0180-8> ▾

Jul 18, 2017 · Background. Aging is associated with decreased **balance**, which increases falling risk. The objective of the current **study** was to determine the feasibility and **effects of** whole-body **vibration** (WBV)...

Cited by: 11 **Author:** Ming Chen Ko, Ming Chen Ko, Long Shan W...
Publish Year: 2017

Whole-body vibration improves ankle spasticity, balance ...

<https://www.researchgate.net/publication/324431505...>

Objectives: This **study** aimed to investigate the **effects of** whole-body **vibration** (WBV) **training** on ankle spasticity, **balance**, and **walking** ability in **patients** with incomplete spinal cord injury ...

Estimated Reading Time: 4 mins

Effects of Intensive Whole-Body Vibration Training on ...

<https://www.sciencedirect.com/science/article/pii/S0003999313009246>

Mar 01, 2014 · Only a few studies^{23, 24, 25} have evaluated **the effect of vibration training on patients** with chronic **stroke**. One randomized controlled pilot study ²⁴ found no effects of 6 weeks' **vibration**...

Cited by: 99 **Author:** Ekaterina Tankisheva, An Bogaerts, Steven ...
Publish Year: 2014

Frontiers | Long-Term Effects of Whole-Body Vibration on ...

<https://www.frontiersin.org/articles/10.3389/fneur.2019.00627> ▾

Whole body vibration

Generic Term

Whole body vibration is a generic term used when vibrations of any frequency are transferred to the human body. Humans are exposed to vibration through a contact surface that is in a mechanical vibrating state. Humans are generally exposed to many different forms of vibration in their daily lives. This could be a driver's seat, a moving train platform, through a power tool, a training platform, or one of countless other devices. It is a potential form of occupational hazard, particularly after years of exposure.



Data from: Wikipedia

[Suggest an edit](#)