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Observational Study

Postural spinal balance defined by net intersegmental moments: Results of a biomechanical approach and experimental errors measurement

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Abstract

AIM: To describe initial results and experimental error measurement of a protocol analyzing Human posture through sagittal intersegmental moments.

METHODS: Postural analysis has been recently improved by development of three-dimensional radiographic imaging systems. However, in various situations such as global sagittal anterior malalignment interpretation of radiographs may not represent the real alignment of the subject. The aim of this study was to present initial results of a

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These preliminary results show the technical feasibility of the protocol. ... Keywords : Postural balance, Spine, Intersegmental moments, Biomechanics calculation of the net effort between each body segment based on effort measured on the ... The approach of this new protocol analysis for spinal balance, based on ...

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Virtually all neuromusculoskeletal disorders **result** in ... **Biomechanical** models of **balance** are now emerging. ... The **major measure** that has been recorded is ... ors-dorsiflexors in controlling the **net ankle moment** ... We can think of this difference as being the '**error**' that can control the parallelogram **defined** by the two.

缺少字词: **intersegmental**

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缺少字词: **experimental**

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缺少字词: **intersegmental**

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