

Review of: "[Case Report] Acquiring Walking with Lower Leg Prosthesis by Passive Shoulder Blades and Improved Trunk Range of Motion: A Case Report"

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Potential competing interests: No potential competing interests to declare.

Dear author,

Thank you for writing this article, which raises several questions:

Introduction:

On what basis do the authors base themselves to make the link between spinal thoracic deformation and gait disturbance in the amputee? On which biomechanical basis? What studies?

Case report:

Lack of patient data. What is the clinical examination? Stump length? range of motion? muscle testing? No data on rehabilitation planning and exercises performed? What type of sleeve, attachment system, foot was used?

All of these elements have an impact on gait biomechanics.

Discussion:

What tests were performed on this patient? Quantified gait analysis? Measurement of dynamic spinal amplitudes? What are the objective data?

All the elements given lack a link to understand the purpose of the reasoning. We should already see if there is evidence of improved walking in amputees by improving the amplitudes of the trunk. Then it would be necessary to objectify them and propose hypotheses.

Thank you for your work which deserves to be deepened on the scientific basis to try to find a causality.



Best regard,

Eric Pantera