

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.

This case study explores the rehabilitation journey of a 75-year-old man with a history of arteriosclerosis, renal failure post-lymphoma treatment, and a recent below-knee amputation following a traffic accident. Despite facing challenges from a lower thoracic vertebral deformity, his mobility with a prosthesis was significantly improved through regular rehabilitation and trunk stretching exercises. These exercises notably enhanced his range of motion, enabling him to walk with a lower leg prosthesis and a single T-cane.

The significance of this case lies in the demonstration of the importance of trunk mobility in effective prosthetic locomotion, particularly in the presence of degenerative scoliosis. To strengthen the report, a visual representation of rehabilitation exercises across different days could illustrate the patient's progress more clearly. Plus, a quantitative analysis of the range of motion over time and detailed documentation of prosthesis adjustments during rehabilitation would enhance the objectivity and coherence of the study.