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Surface Electromyography Applied to Gait Analysis: How to Improve Its Impact in Clinics?

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ABSTRACT SUMMARY

This review examines surface electromyography (sEMG) as a non-invasive method for recording muscle electrical activity during movement and gait. The authors identify key barriers to wider clinical adoption and propose strategies to bridge the gap between research and routine practice, enabling clinicians to implement objective, evidence-based rehabilitation assessment using EMG measurement systems.

CLINICAL RELEVANCE – PHYSIOMED AUSTRALIA

This publication supports the use of EMG and motion analysis systems – such as those from BTS Bioengineering supplied by Physiomed Australia – in clinical gait laboratories and rehabilitation settings.

FULL PAPER – PUBMED REFERENCE

<https://pubmed.ncbi.nlm.nih.gov/33013656/>

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