

## **COMPARISON OF UPPER EXTREMITY EMG FOR WHEELCHAIR PROPULSION WITH THREE HANDRIMS**

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Alternative handrims have been developed to provide users with a more ergonomic surface for propulsion. This study investigated the effect of different handrims on muscle activity of the upper extremity. No significant differences were found between standard, FlexRim, and Natural-Fit handrims. Future studies require a larger sample size, longer acclimation period, and repeated testing over time.