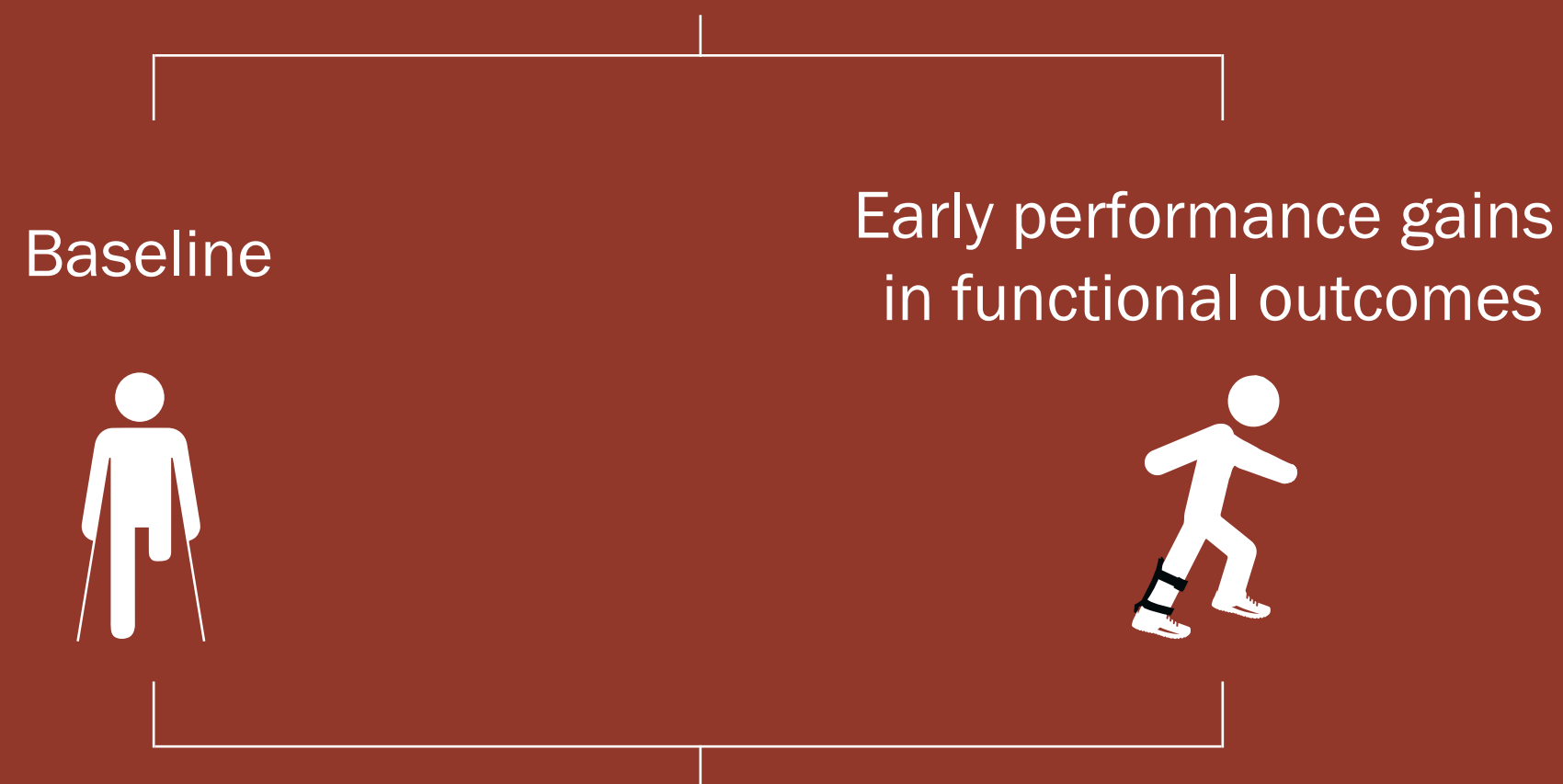


# Multisite Evaluation of a Custom Energy-Storing Carbon Fiber Orthosis



Can the Intrepid Dynamic Exoskeleton Orthosis (IDEO) improve outcomes after lower extremity trauma?

12-month comparative evaluation of...



of 81 patients at 3 military facilities fitted with an IDEO and completing a Return to Run Physical Therapy (RTR PT) program

Compared to baseline, incorporation of an IDEO and RTR PT in patients led to...



Improved functional performance



High satisfaction levels



Improved self-reported function



But function remained below population norms



For service members recovering from lower extremity trauma, the IDEO paired with a RTR PT program produces sustained improvements in performance and self-reported function.

Multisite Evaluation of a Custom Energy-Storing Carbon Fiber Orthosis for Patients with Residual Disability After Lower-Limb Trauma

Potter et al. (2018)

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