

Development and Evaluation of a Self-Initiated Prone Progression Crawler for Infants At Risk for Cerebral Palsy

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Technology description

The self-initiated prone progression crawler (SIPPC) is a new, unique, and innovative form of intervention that infants with CP can use to facilitate self-initiated prone locomotion. The SIPPC consists of a wheeled platform designed to fit a 4- 12 month old infant (weight range from 15 to 25 lbs). The platform is fitted with a computer underneath, has device position encoders and embedded force sensing resistors that records information on load distribution and direction during the infant's movement attempts.

Institution

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