Weekly Colloquium
Tuesday, 7/25/2017, 12:30pm, Billings Building – Rosedale Conference Room

"Cerebral Palsy: Spasticity Management with Single Event Multi-Level Chemoneurolysis (SEMLC)"

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Abstract of research
Her research interests are in spasticity management and strengthening of spastic muscles. These studies address the efficacy of SEMLC with botulinum toxin A and alcohol and functional improvement with using robotic device to spastic weak muscles in children with CP. Her studies showed that regularly repeated SEMLC was effective not only for spasticity management, decreased number of surgical interventions but also functional improvement in children with cerebral palsy. A robotic Training paradigm subjected to downward pelvic force during walking on a treadmill, provided by Tethered Pelvic Assist Device (TPAD) a cable-driven robot improved gait features and crouch gait of cerebral palsy.

Publications:

