Locomotor Training: Principles and Practice

What basic scientists have shown us as the potential of the nervous system for plasticity, to learn, even after injury is being translated into a rehabilitation strategy by taking advantage of the intrinsic biology of the central nervous system. While spinal cord injury from basic and clinical perspectives was the gateway for developing locomotor training, its application has been extended to other populations with neurologic dysfunction resulting in loss of walking or walking disability.

Features:
* Describes the hands-on skills, progression, and decision-making to advance individuals towards goal of walking recovery via locomotor training
* Provides activity-based therapeutic intervention for the recovery of walking.
* A brand new approach developed from animal studies now applied in humans