

Session type: Plenary

Session theme: Improving Mobility

Title of lecture: Evidence based on advanced therapy

Speaker: Julia Patrick Engkasan (Malaysia)

Spinal cord can undergo activity-dependent plasticity and this is the basis for locomotor training in persons with SCI. There has been an intense development on advanced locomotor therapy; for example the use of robotics locomotion therapy in particular is gaining popularity. Though advanced locomotor therapies do have clear advantages over the more traditional locomotor therapy there has been mixed results with regards of their effectiveness. The Cochrane Rehabilitation Field, in their effort to facilitate the use of evidence for rehabilitation community performed a review of systematic reviews and presents it in this lecture.