

REHAB CHALLENGES

A seventeen years old lady is suffering from C5 level of spinal cord injury due to high voltage electrical injuries. After a long difficult journey of active treatment and rehabilitation she recovered a lot with full function of upper limb and normal bladder and bowel function. Unfortunately her left great toe, second and third toes were amputated due to necrosis at the second month of injury. She was unable to walk due to 2 and 3 spasticity of lower limb.

Then she has been again admitted in rehabilitation ward and treated with antispastic medication and physical therapy. After that a tendo-achillis release operation done on her left leg and phenol block was performed on her right posterior tibial nerve. Her standing balance improved dramatically but she is still facing difficulty in mobility due to genu recurvatum (Fig 1 & 2).



Fig 1- Showing Genu Recurvatum



Fig 2- Showing Genu Recurvatum

On examination it is noted that passive ROM of left ankle is still restricted to neutral position, that is why she is not a candidate for an AFO in dorsiflexed position. She is now desperate for independent mobility without any gait or mobility aids.

Please opine regarding orthoses options for this lady?