

Using Technologies to Restore Functional Movement in Neurological Patients

Pa... the severity of... No... damage and the individual capacity of a patient to regain a... unct on... #... learning and... must there ore e... consi ere... uring reha ilitat on... But rst o... all e... nee to un ers... to re esta lish normal movement pa erns... ut to ena le ell organi e movements to achieve of... act vit es o... aily living... °) O... or the in ivi ual pat ent

Ro ot c reha ilitat on is a young science that is rapi ly in ltrating the clinical environment @ n... or the upper lim reha ilitat on starte the ro ot c era o neuroreha ilitat on @ n the same year the... Trea mill Training Bt o TT assiste y a gait orthosis represente the rst pioneering groun e e c... - os eleton is an outer eara les eleton that allo speople ith paralysis o the lo er lim sto al... stro e an spinal cor in ury cause serious conse uences oth at physiological an motor levels \ ur rece... usinge os eletons oth in spinal cor in uries an stro e pat ents a ect ng in terms o posit ve result... an sensory motor

Biography

Paolo Milia is a neurologist at one of our largest and longest standing facilities, Istituto Prospero Tiberino in Umberto. He was able to visit multiple universities to speak about his extensive work on robotics and their role with rehab. We thank University of Illinois Chicago, University of Montana, Pacific University and Chapman University along with the DCE's and staff who made this a reality! And of course, Dr. Milia for coming all this way to share his knowledge and expertise. We hope to continue to inspire DPT students around the nation.