

Neurological Rehabilitation in Different Spinal Cord Impairment

Neurological pathology is the most important cause of neurological disability. Spinal cord injuries and other impairment of spinal cord have an increased mortality rate, which requires a complex medical approach and a work team.

Neurological rehabilitation is important to be applied from the beginning in the treatment of these pathologies. The methods used are diverse, the recovery starts from the first days with special kinetic programs, then, in the neurological departments, complex methods and techniques are used: like physical and kinetic procedures adapted to each patient.

Neurological rehabilitation includes a wide range of procedures that can be applied in a varied and complex way. Programs include different type of electrotherapy with muscular stimulation, robotics programs, functional stimulation, specific methods and techniques of kinetotherapy and occupational therapy.

The beneficiaries of these modern methods are patients with neurological diseases with different motor deficit. For this issue we purpose to emphasize the roll of neurological rehabilitation in patients with different types of impairment of spinal cord, including trauma, and status post-surgery of spinal cord due to different medical causes.

This year, due to the situation of the Covid-19 pandemic, the neurological patients had a reduced addressability in the recovery services, imposed by the distancing and the sanitary norms.

However, using specific circuits, it was possible to achieve neurological recovery of these patients. Specific pharmacological therapies for the treatment of spasticity were used, using botulinum toxin associated with specific kinetic programs adapted to each patient.

Our purpose is to put together contributions from international researchers in this field: Original Research, Reviews, Case Report well documented, to share our medical experience.

Key words:

Neurological rehabilitation, Spinal cord impairment, Spinal cord injury

Neurological Rehabilitation in Different Spinal Cord Impairment

Guest Editor



Dr. Ana Maria Bumbea

Universitatea de Medicina si Farmacie din Craiova, Craiova, Romania

Interests: Neurological pathology, Stroke, Traumatic brain injury, Spinal cord injury

Email : anamariabumbea@yahoo.com

Submission Deadline: January 07, 2022, extended to April 07, 2022

Online Submission System: <https://js.signavitae.com/ch/author/login.aspx>

Cooperative Associations/Societies



Ukrainian Society of Regional anaesthesia and pain medicine



Mexican Association for the Study and Treatment of Pain



Le CMAR Club des Médecins Anesthésistes Réanimateurs



Hellenic Perioperative Nursing Organization

E.P.E.NO.E



Hellenic Society of Pain Management and Palliative Care



Associazione Italiana per lo Studio del Dolore

AISD
Italian Association for the Study of Pain



The Korean Society of Emergency Medicine

www.signavitae.com

Signa Vitae

Impact Factor: 0.338

Print ISSN: 1334-5605

Online ISSN: 1845-206X

©2020 MRE Press. All rights reserved



Scopus Preview

