

Annual report 2019 WFNR SIG Plexopathies

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General Aim:

To stimulate and communicate scientific research focused on the improvement of functional diagnosis, prognosis and treatment of persons with plexopathies of various etiologies
To promote molecular, genetic, physiological, biomechanical, treatment (rehabilitation, surgical and pharmaceutical), compensatory aids and behavioral studies directed at elucidating and decreasing the impairments of persons with plexopathies

The ultimate goal is to contribute to an increase in activity and participation levels of persons with plexopathies.

Related SIG's

The SIG is closely related to the SIG's on Neurosurgical reconstructive and restorative rehabilitation, Neuropathic pain and Robotis.

Progress in 2019

We have proposed a plenary lecture, several workshops and symposia on various aspects of Plexopathies for the WCNR 2020 in Lyon. Unfortunately, these proposals were not selected for inclusion in the program. As was the case for our proposals for the WCNR of 2016 and 2018.

During the last year there have been several activities related to education, scientific research and clinical treatment within Plexopathies. With a main focus on neuralgic amyotrophy which is the most frequent occurring plexopathy, but most of these concepts are also applicable to other plexopathies.

Collaboration around the globe have been established including rehabilitation specialists/physiatrist, neurologists, neurosurgeons, plastic surgeons, primary care, cognitive neuroscientist and clinical genetics.

In the educational activities, local, national and international, individual or small groups were trained, instructed on etiology, clinical diagnoses and treatment. In order to spread the knowledge from expert centre across the neurological and rehabilitation field.

Research collaboration with cognitive neuroscientists and genetics focus on the etiology of the acquired movement disorders after plexopathies and hereditary forms of plexopathies, respectively. The results of the ongoing RCT on multidisciplinary outpatient rehabilitation will guide treatment after a plexopathy.

Goals in 2020

- Interest more members to join the plexopathy SIG, via meeting in Lyon and/or mailing.
- prepare new proposals for the WCNR 2022
- expand collaboration and increase network members across the globe and across the different medical professions