

WFNR SPECIAL INTEREST GROUP ANNUAL REPORT 2021

Name of Special Interest Group	Plexopathies
Chair Email	Dr J.T. Groothuis, MD, PhD, consultant Rehabilitation medicine, Radboud university medical center, Nijmegen, The Netherlands Jan.groothuis@radboudumc.nl
Co-Chair(s) where applicable	N.A.
Number of Members	Unknown, no official members, approximately 10-15 interested WFNR members so far. Three members from the expertise center in Nijmegen itself.
Key objectives and action plan	<p>To stimulate and communicate scientific research focused on the improvement of functional diagnosis, prognosis and treatment of persons with plexopathies of various etiologies</p> <p>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</p> <p>The ultimate goal is to contribute to an increase in activity and participation levels of persons with plexopathies.</p>
Activities during previous 12 months	<p>We have proposed two workshops regarding neuralgic amyotrophy and shoulder examination in plexopathies for the WCNR 2022.</p> <p>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.</p> <p>Including collaboration with UCSF in San Francisco.</p> <p>And establishment of an international study group on Neuralgic amyotrophy with several centers in USA, Netherlands and Hungary and Switzerland with participation of rehabilitation, neurology, neurophysiology, neurosurgery and radiology.</p> <p>The results of the this year finalised RCT on multidisciplinary outpatient rehabilitation will guide treatment after a plexopathy.</p> <p>Preparations for a possible NIH grant proposal from the international study group.</p>

Proposed activities	<p>Interest more members to join the plexopathy SIG, via meeting in Vienna and/or mailing.</p> <p>Prepare new proposals for the WCNR 2022.</p> <p>Expand collaboration and increase network members across the globe and across the different medical professions</p>
Publications	<p>None from the SIG itself.</p> <p>MR Neurography of Bilateral Parsonage-Turner Syndrome. Sneag DB, Kiprovski K. Radiology. 2021 Sep;300(3):515. doi: 10.1148/radiol.2021204688. Epub 2021 Jul 6.</p> <p>Neuralgic amyotrophy. IJspeert J, Janssen RMJ, van Alfen N. Curr Opin Neurol. 2021 May 28. doi: 10.1097/WCO.0000000000000968. Online ahead of print.</p>

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