

# PARANEOPLASTIC NEUROLOGICAL SYNDROMES AFFECTING PNS: CLINICAL PHENOTYPES AND TREATMENT OPTIONS

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# Disclosures

- None related to this talk

# Learning Objectives

At the end of the talk, attendees should:

- Be able to identify and differentiate between various paraneoplastic syndromes affecting the peripheral nervous system (PNS)
- Understand the approach to their diagnosis
- Be able to describe the treatment options
- Be equipped to discuss the prognosis and outcomes
- Gain knowledge on emerging research in this field

# Key message

- Paraneoplastic syndromes of the PNS hinges on early recognition and diagnosis
- Depending on the types of cancers and the autoantibodies generated, patients can present with neuropathy, neuromuscular junction disorders or myopathies
- In patients with characteristics symptoms, prompt neurological including peripheral neurophysiology and cancer screening are necessary
- These syndromes are rare, can precede cancer diagnosis, and may respond to immunotherapy when paired with early cancer treatment

# References

- Devine MF, et al. Paraneoplastic neurological syndromes: clinical presentations and management. Ther Adv Neurol Disord. 2021
- Graus F, et al. Updated Diagnostic Criteria for Paraneoplastic Neurologic Syndromes. J.Neurol Neuroimmunol Neuroinflamm. 2021 May 18;8(4):e1014.
- Binks et al. Paraneoplastic neurological syndromes: a practical approach to diagnosis and management. Pract Neurol. 2022 Feb;22(1):19-31.