



Chronic inflammatory demyelinating polyneuropathy in Waldenström's macroglobulinemia

Submitted by Emmanuel Lemoine on Fri, 03/20/2015 - 12:45

Titre	Chronic inflammatory demyelinating polyneuropathy in Waldenström's macroglobulinemia
Type de publication	Article de revue
Auteur	Cassereau, Julien [1], Letournel, Franck [2], François, Stéphane [3], Dubas, Frédéric [4], Nicolas, Guillaume [5]
Editeur	Elsevier Masson
Type	Article scientifique dans une revue à comité de lecture
Année	2011
Langue	Anglais
Date	2011/04
Numéro	4
Pagination	343 - 347
Volume	167
Titre de la revue	Revue Neurologique
ISSN	0035-3787

Résumé en anglais

Waldenström's disease (WD) is frequently associated with a predominantly sensory neuropathy with a progressive course due to the monoclonal IgM activity against Myelin Associated Glycoprotein (MAG). However, neurolymphomatosis or chronic demyelinating inflammatory polyneuropathy (CDIP) may occur in some patients with WD. Case report We report a case of Waldenström's macroglobulinemia in an adult male presenting with cranial nerve palsy and rapidly progressive asymmetric polyneuropathy. Intravenous IgM treatment that provided transient amelioration was followed by a relapse involving tetraparesis. Cerebrospinal fluid analysis, medullar magnetic resonance imaging, and electrophysiological studies led to equivocal findings suggesting the presence of either neurolymphomatosis or CIDP. Finally, sural nerve biopsy results supported the diagnosis of CIDP, which then received appropriate treatment. Conclusion In patients with WD, the possible occurrence of CIDP should be investigated with a neuromuscular biopsy when other investigations are equivocal since the disease calls for a specific treatment.

URL de la notice	http://okina.univ-angers.fr/publications/ua9016 [6]
DOI	10.1016/j.neurol.2010.10.015 [7]
Lien vers le document	http://dx.doi.org/10.1016/j.neurol.2010.10.015 [7]

Liens

[1] <http://okina.univ-angers.fr/julien.cassereau/publications>

[2] <http://okina.univ-angers.fr/franck.letournel/publications>

- [3] [http://okina.univ-angers.fr/publications?f\[author\]=9019](http://okina.univ-angers.fr/publications?f[author]=9019)
- [4] [http://okina.univ-angers.fr/publications?f\[author\]=655](http://okina.univ-angers.fr/publications?f[author]=655)
- [5] [http://okina.univ-angers.fr/publications?f\[author\]=653](http://okina.univ-angers.fr/publications?f[author]=653)
- [6] <http://okina.univ-angers.fr/publications/ua9016>
- [7] <http://dx.doi.org/10.1016/j.neurol.2010.10.015>

Publié sur *Okina* (<http://okina.univ-angers.fr>)