

CHRONIC INFLAMMATORY DEMYELINATING POLYNEUROPATHY (CIDP) IN A 3 YEAR OLD BOY: A CASE REPORT

Annisa Nadira¹, Arie Khairani², Astryanovita², Roy Amardiyanto², Abdul Chairy² ¹Neurology Resident, Department of Neurology, Faculty of Medicine, Airlangga University ²Division of Pediatric Neurology, National Brain Center Hospital, Jakarta

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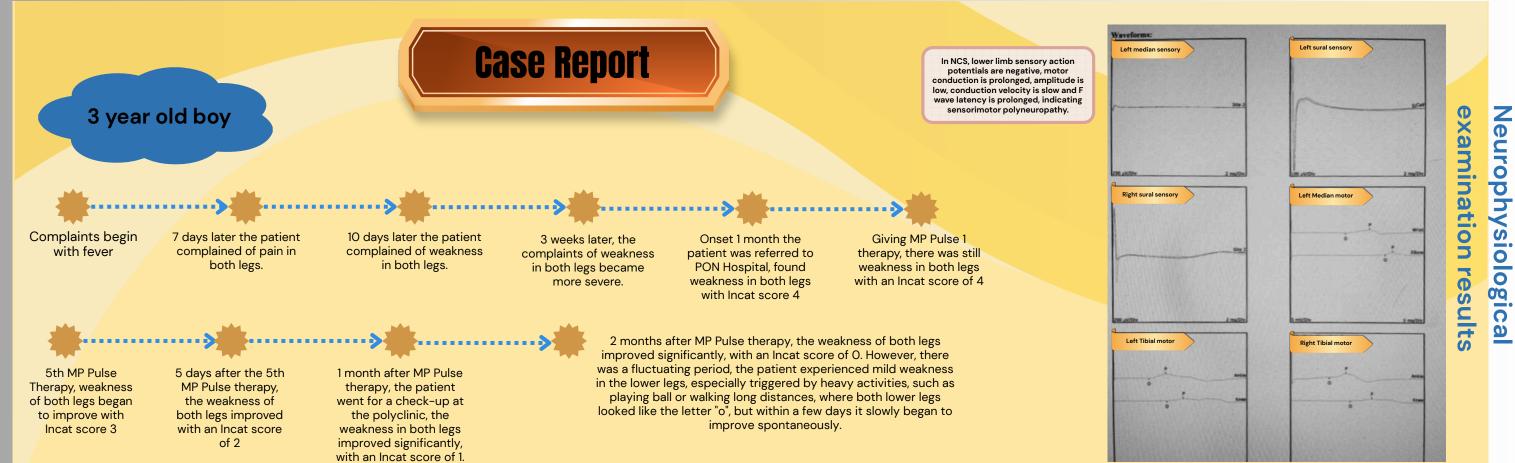
Chronic inflammatory demyelinating polyneuropathy (CIDP) is a chronic autoimmune neuropathy characterized by demyelination of the nerve roots.

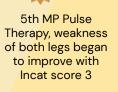
This demyelinating polyneuropathy has a higher prevalence in men than in women, namely a sex ratio of 1.5 to 4.7.

Clinical presentation includes episodes of difficulty walking that are progressive or relapsing slowly, symmetrical weakness of proximal and distal muscles, hyporeflexia or areflexia, and sometimes paresthesias. The pathogenesis mechanism of CIDP in children is the same as in adults, so that the treatment of CIDP in adults is applied to cases of CIDP in children.

Symptoms of CIDP, by definition, develop gradually over more than 8 weeks in most cases, although especially in children, the onset of the disease is most often acute, which develops in less than 4 weeks, or subacute in 4-8 weeks.







DISCUSSION

- CIDP complaints involve symmetrical motoric, dominant in the lower extremities. Physiological reflexes are decreased / negative. 1/3 of pediatric patients experience sensory symptoms, characterized by paresthesia / dysesthesia.
- Differentiating CIDP from GBS is difficult because the initial symptoms are similar. In our patient with acute onset was initially diagnosed with GBS.
- CSF protein levels were increased in 86% of cases, and were found in our patient.
- Confirmatory diagnosis is NCS in sensory and motor nerves, which shows a pattern of demyelination characterized by (1) prolonged distal latency, (2) decreased motor conduction velocity, and (3) negative / prolonged F wave latency according to electrodiagnostic criteria.
- Although IVIG produces a good response of 50-80%, there is a risk of drug dependence in 80%. In contrast, steroid treatment was successfully stopped in about 83% of cases. In our patient after MP pulse therapy the patient experienced significant improvement.

CONCLUSION

CIDP is a rare disorder in children. This disease can cause permanent disability. However, if diagnosed and treated in time, it will generally improve the clinical outcome of the patient. In the course of the disease, the most common percentage is polyphasic - relapse - remission, so it requires close observation.

cerebrospinal fluid analysis

Makroskopik			Nilai
Kejernihan			Keruh
Bekuan			Positif
Kimia			Nilai
Nonne			Positif
Pandy			Positif
Glukosa serum			124
Glukosa cairan otak			98
Protein cairan otak			184
Klorida (Cl)			125
Mikroskopik		Nilai	
Hitung sel		14	
PMN		22	
MN		78	

Pewarnaan tinta india

Video

Reference

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Keywords: Chronic inflammation, demyelination, polyneuropathy

Tidak ditemukan Cryptococcus

