



## Silent clinical presentation of cerebellar lymphoma: a case report

Duška Petranović

University Hospital Center Rijeka, Croatia

### Abstract:

**Background:** Primary central nervous system lymphoma is a rare condition, accounting for 2–6% of all primary brain neoplasms and 1–2% of all non-Hodgkin lymphomas, and it usually presents as a solitary lesion. Cerebellar involvement is present in only 9% of cases.

**Objective:** The main aim of this paper is to present a clinical case of Non-Hodgkin Lymphoma localised in cerebellum, its clinical presentation, diagnosis, treatment and follow-up.

**Case report:** A 25-year old female patient presents as headache, nausea and ataxia. First CT scan reveals Non-Hodgkin Lymphoma in cerebellar region (picture below), which was treated surgically and followed by chemotherapy and whole-brain radiotherapy, which led to 11 yearlong remission period. After remission period three relapses appeared in 10-year long period, followed by chemotherapy and stereotactic radiotherapy, which led to permanent cancer remission, but also permanent neurological deficit and quality of life impairment remained a long-term milestone in cancer rehabilitation.

**Conclusion:** This rare localisation of common disease presents a large diagnostic challenge for medical practice because of its long asymptomatic period, but also after-treatment follow-up must be carefully selected, in order to rationalise therapy option oriented to long-term quality of life preservation.

### Biography:

Duška Petranović has completed her PhD at the age of 27 years from postgraduate study of Clinical Pathophysiology at University of Rijeka; Faculty of Medicine. She is the specialist of hematology and internal medicine at



University Hospital Center Rijeka, Croatia and also a senior teaching assistant at Faculty of Medicine, University of Rijeka. He has published more than 25 papers in reputed journals and has been serving as member of reputed expert medical groups for research and medical practice.

### Recent Publications:

1. Ghannam, M., Mansour, S., Jumah, F. et al. Cerebellar large B-cell lymphoma: a case report. *J Med Case Reports* 12, 341 (2018).
2. D. Petranović et al. Iron deficiency anaemia influences cognitive functions, *Medical Hypotheses*, Vol 70, Issue 1, 2008, 70-72 .
3. D. Petranović et al. Correlation of Anaemia and Cognitive Functions Measured by the Complex Reactionmeter Drenovac. *Coll Antropol.* 32(2008)1:47-51.
4. JS Wefel, J Vardy, T Ahles and SB Schagen. International Cognition and cancer Task Force recommendations to harmonise studies of cognitive functions in patients with cancer. *Lancet* Feb. 2011.
5. [The impact of anemia on quality of life]

**International Conference on Orphan Drugs & Rare Disease; March 17-18, 2020, Berlin, Germany**

**Citation:** Duska P; Silent clinical presentation of cerebellar lymphoma: a case report; *Orphan Drugs* 2020; March 16-17, 2020; Berlin, Germany