

# **CNS LYMPHOMAS – NEWS IN PATHOGENESIS, DIAGNOSIS AND TREATMENT.**

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CNS lymphomas, both primary and secondary, continue to represent a diagnostic, therapeutic and prognostic challenge, despite the significant progress that has been achieved in the past years.

Primary CNS (PCNS) lymphomas are limited to the brain parenchyma, intraocular compartment, cranial nerves, leptomeninges and spinal cord. In secondary CNS lymphomas there is concomitant systemic and CNS localization.

Approximate 90% of PCNS lymphomas are DLBCL.

CNS involvement in NHL is rare and that's why there is limited randomized data regarding the best therapeutic strategies. There is still an important fraction of CNS lymphomas patients who do not receive optimal therapy.

The goal of these presentation is to overview the literature regarding pathogenesis, diagnosis and therapeutic strategies of CNS lymphomas as well as an attempt to elaborate our own treatment protocol. We also present our experience with CNS lymphomas