

HODGKIN'S DISEASE WITH INTRASINUSOIDAL TUMORAL CELLS WITH CEREBRAL MANIFESTATIONS AT ONSET

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Intracranial manifestations of Hodgkin's disease (HD) are rare, found in less than 0.25% of patients with the disease. Initial presentation with intracerebral lesion is quite rare.

We present a case of a young girl patient, who presented the onset of the disease at the age of 18 with, headache and aphasia. Cerebral MRI, normal at the onset, showed, after a month, a T2 and FLAIR hypersignal non gadolinium-enhanced, left frontal lesion considered at that time as a possible encephalytic lesion. In evolution of the disease appeared fluctuations of the symptomatology and of the imagistic aspect, with remission each time on corticotherapy. Nine months after the onset patient observed latero-cervical adenopathies, thoracic CT scan showed multiple bilateral hilar and subclavicular adenopathies. Cerebral MRI showed multiple bilateral supra and infratentorial infiltrative lesions. Biopsy of the supraclavicular adenopathic block with histologic exam and immunohistochemical staining (CD 30, CD 15 positive) established the diagnosis of Hodgkin's lymphoma with nodular sclerosing and a very rare variant of the disease – by presence of intrasinusoidal tumoral cells. Patient was treated with radiotherapy in combination with 8 cycles of ABVD chemotherapy with a very good improvement of the symptomatology and MRI aspect.

We presented this special case, because of the rare cerebral determination that appeared in HD, especially at the onset of the disease and because of the very rare variant of Hodgkin's disease with intrasinusoidal pattern of infiltration found at the hystological examination.