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Neuro-Behcet syndrome: presentation of a case

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We report a case of an adult patient who had clinical symptoms several months prior admission to hospital. At the time of hospitalisation he was confused with mental deterioration. He had history of stomatitis, orogenital ulcers and previous examinations of GIT, but no pathology was found. MRI study was performed which revealed T2, DWI and FLAIR abnormalities with dominantly mesodiencephalic distribution of the bilateral lesions extending through brainstem. The red nucleus was spared. Additionally, MR spectroscopy was performed. Suspicion of neuro-Behcet was made. The patient improved significantly after therapy.

The pattern and distribution of the lesions although characteristic it is not pathognomonic for the disease.

The purpose of this case presentation is to demonstrate the MRI patterns in patient with neuro-Behcet Syndrome: location, distribution, and evolution of the signal abnormalities.

Keywords: Behcet disease, neuro-Behcet syndrome, vasculitis