

Case 2024 – 8

Submitted by:

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Clinical History:

The patient is a 28-year-old woman with a history of drug use (inhalation of methamphetamines) who presented with headaches and ataxia. Brain MRI showed multiple enhancing lesions primarily within the infratentorial brain and pons, but also within the supratentorial brain, infundibulum, optic chiasm, and right optic nerve. She underwent right occipital craniotomy with biopsy of the cerebellar lesions. Systemic infectious disease workup was negative.

Materials submitted:

1. One (1) H&E-stained section from the cerebellar lesions.
2. One (1) axial brain T1 post-contrast MRI.
3. One (1) additional axial brain T1 post-contrast MRI.

Points for discussion:

1. Differential diagnosis.
2. Ancillary studies and molecular findings.