

Neurology Picture Quiz

SLJoN

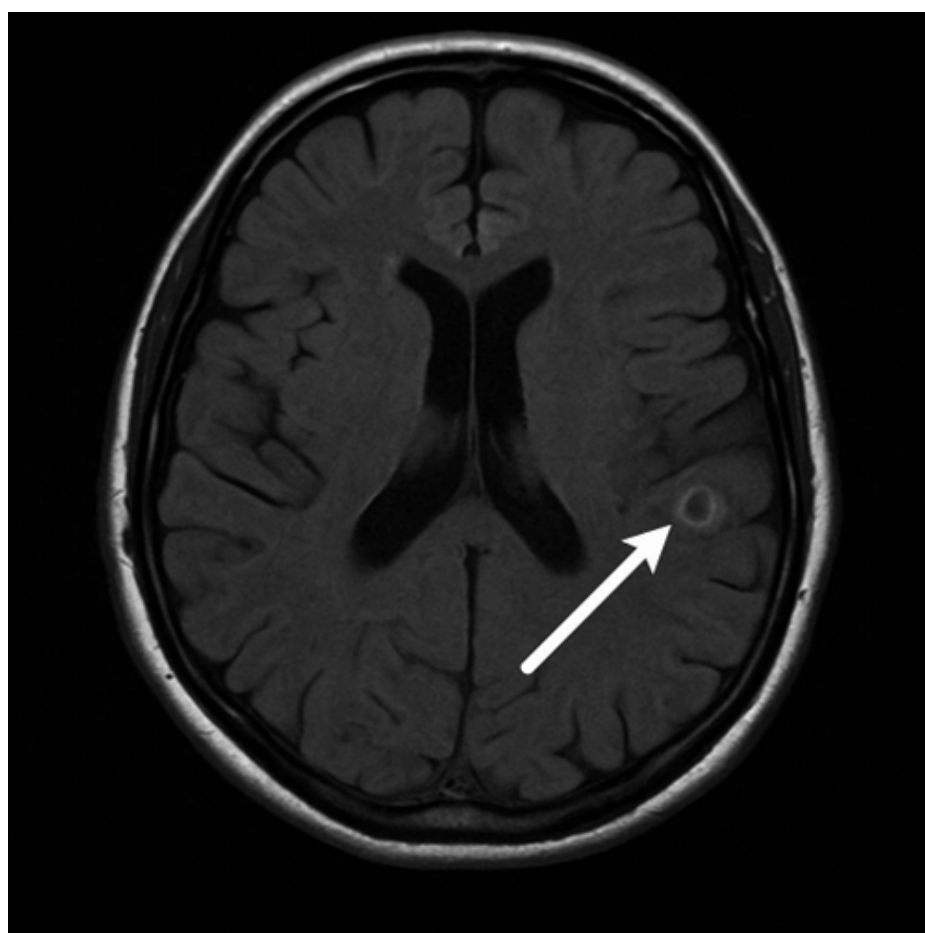
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Case 1

This MRI lesion is now considered as a strong predictor and disability worsening of an important chronic immune Neurological disorder and is included in the latest (2024) revision of its diagnostic criteria.

Name a) The lesion b) The Criteria

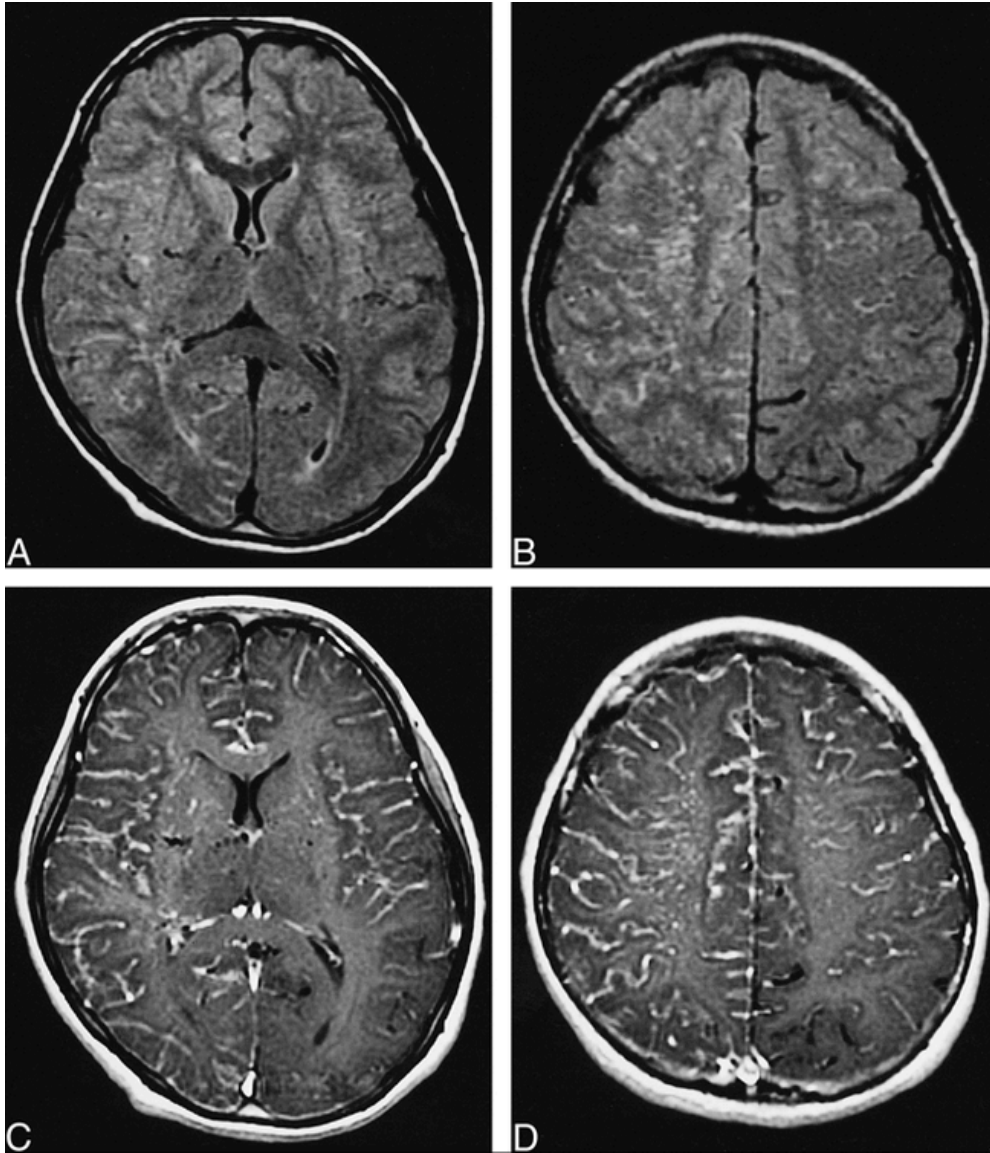


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Case 2

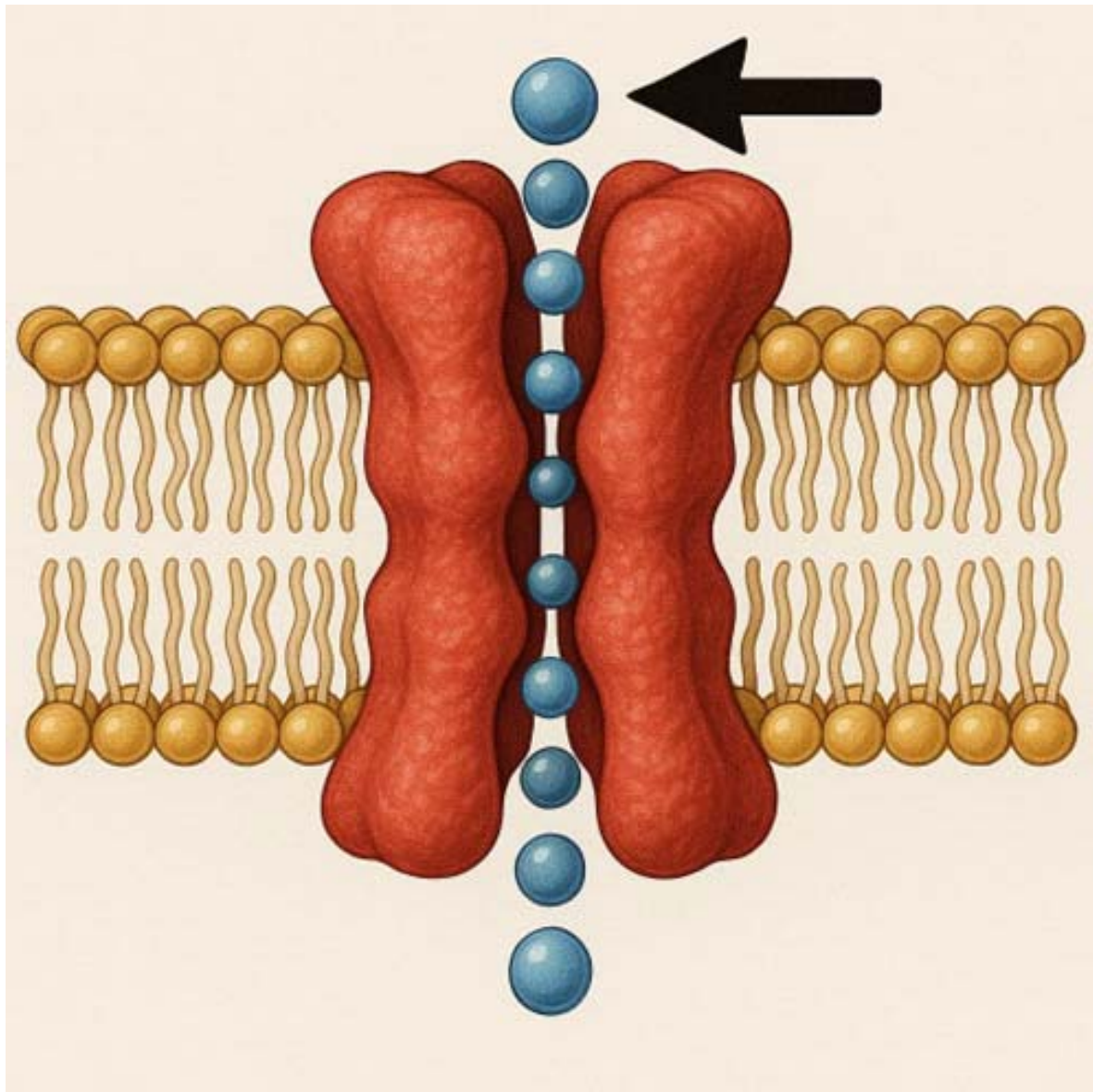
A 15-year-old girl experienced transient motor weakness of the upper and lower left extremities, particularly when she played the trumpet at school. Physical examination revealed no abnormal neurologic findings. FLAIR and contrast T1 images are shown.

- a) What is the diagnosis? b) What name is given to the MRI abnormalities seen?



Case 3

This illustrates a channel for water which has many types. Name two types of these channels implicated in important Neurological disorders with their most relevant Neurological disorder.

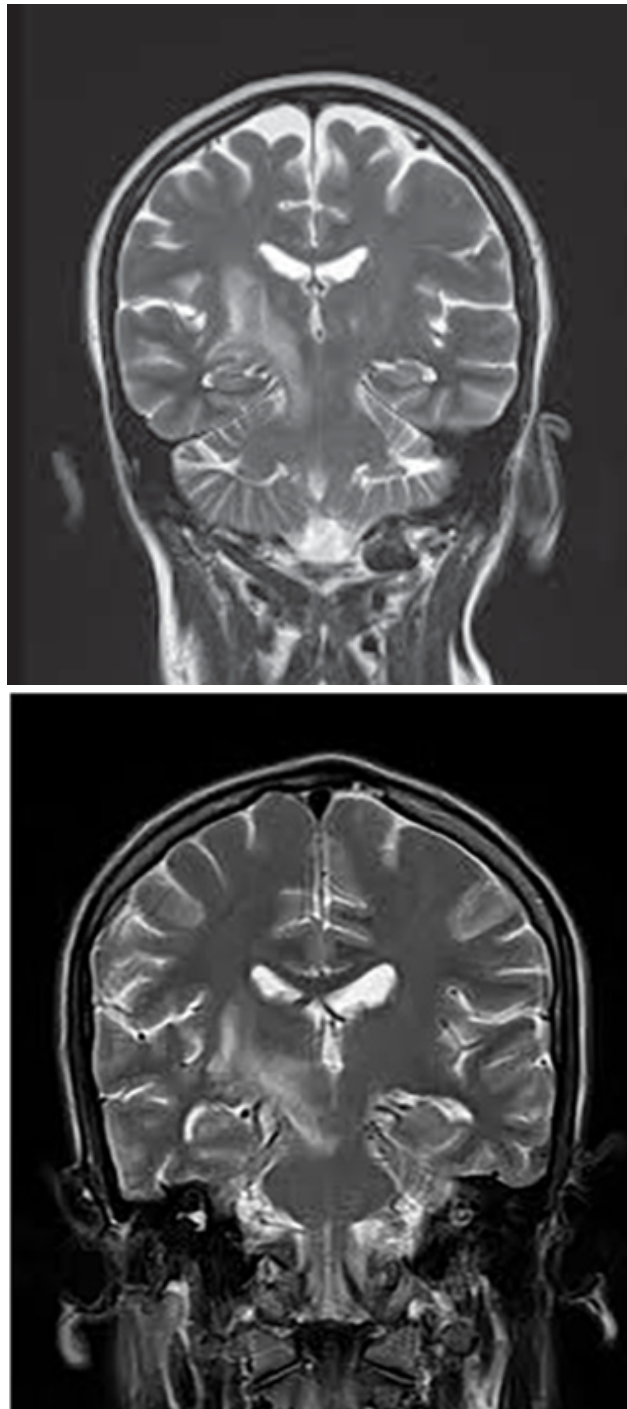


Case 4

A 28-year-old male of African origin presented to the emergency unit with left sided hemiparesis. His family reported a gradual onset of symptoms over an 8-to-10-day period with headaches and left sided numbness affecting his arm and leg. The family reported that he was previously healthy.

On examination 2 ulcers (0.5cm and 1 cm) were detected on the scrotum. The cranial nerve examination revealed anisocoria with a dilated and non-reactive right pupil, limited adduction of the right eye and a discrete skew deviation. No uveitis was noted. He had a severe, left sided hemiparesis with facial nerve involvement and a severe left sided limb ataxia. These findings were suggestive of an extensive brain stem lesion or multiple lesions with brainstem involvement.

- a) What is the diagnosis?
- b) What is the name given for the MRI abnormality seen?



Case 5

A 25-year-old woman presented with 2 months of episodic vertigo, vomiting, and headache triggered by abrupt head movements, lasting from a few minutes to 1 hour. She was asymptomatic between the attacks. Fundoscopy showed papilloedema.

- a) What is this syndrome? b) What is the likely cause?

