Medical Image of the Week: Parietal Mass

Figure 1. MRI of the head with contrast. Panel A: A 2.2 cm X 2.1 cm enhancing mass within the right precuneus with surrounding vasogenic edema. Panel B: Coronal view.

A 48 year old man presented to the emergency department with a witnessed tonic clonic seizure by family members and 1 week worsening headaches and gait ataxia. Non-contrast CT of the head showed a large right-sided parietal mass. MRI of the head was done to further evaluate the mass (Figure 1). CT chest/abdomen/pelvis showed bilateral pulmonary nodules, mediastinal lymphadenopathy, hepatic lesions, and thickening of the mid-distal esophagus. The patient was evaluated by neurology and started on dexamethasone and levetiracetam. Neurosurgery was consulted and performed a right-sided craniotomy and parietal mass resection. Later, an EGD was performed and biopsies were taken of the esophagus. The patient was found to have metastatic esophageal adenocarcinoma.

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