

56th ANNUAL DIAGNOSTIC SLIDE SESSION 2015
CASE 2015-2

Submitted by:

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Clinical History:

This 18-year-old female with a complex past medical history significant for dilated cardiomyopathy diagnosed at 3 months of age, pulmonary hypertension, and moderate bilateral hearing loss. She underwent orthotopic heart transplant at 17 years of age followed by multiple complications including renal insufficiency, DRESS syndrome, and pulmonary nocardiosis. At 18 year of age she presented with several months of right facial pain and hyperalgesia involving the right tongue, gums, teeth and ear. A root canal and extraction of 3 teeth was performed, however the pain persisted. The pain became daily and she started to develop right eye pain. She was diagnosed with trigeminal neuralgia. Subsequently, an MRI was performed revealing a contrast enhancing, extra-axial, 20 mm mass lesion in Meckel's cave. The mass abutted the trigeminal nerve and extended through the foramen ovale. The patient underwent a right subtemporal craniotomy with subtotal excision of the mass.

Material submitted:

MRI images prior to resection and H&E stained section of the resected lesion

Points for discussion:

1. Diagnosis
2. Prognostic features