



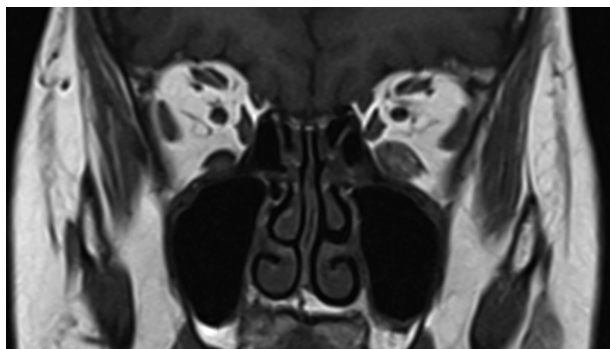
ENDGAMES

SPOT DIAGNOSIS

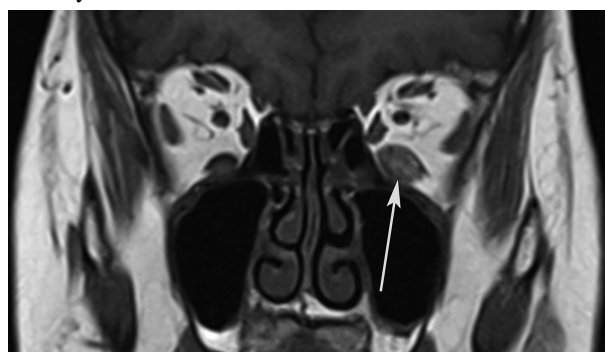
A case of double vision

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A 55 year old woman who had recently been treated for thyrotoxicosis presented with double vision. She had left sided hypotropia and slight exophthalmos in an otherwise normal ophthalmological and neurological examination. What abnormality is seen in this coronal T1 weighted orbital magnetic resonance image?



(white arrow). This pattern of extraocular muscle involvement combined with her history of thyrotoxicosis points to Graves' ophthalmopathy. The inferior rectus is the most commonly affected extraocular muscle, followed by the medial, superior, and lateral rectus muscles. Although commonly seen in a patient with thyrotoxicosis, Graves' ophthalmopathy can also be seen in euthyroid states.



Answer

Isolated enlargement of the left inferior rectus muscle secondary to thyroid eye disease.

Discussion

The coronal T1 weighted orbital magnetic resonance image shows isolated enlargement in the left inferior rectus muscle

Competing interests: We have read and understood BMJ policy on declaration of interests and declare the following interests: none.

Patient consent obtained.

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