Multiple Intracranial Meningiomas

A 30 year right handed female presented with progressive hearing loss for three years, diffuse headache with vertigo and lancinating pain over right half of face for two years. She also developed slurring of speech and impairment of taste sensation for two months with swaying (right > left) while walking. Patient had no neurocutaneous markers on examination and there was no family history of similar illness.

CT scan head showed multiple well defined round to oval hyperdense masses showing intense and homogenous contrast enhancement in the high parietal parasagittal region. Dense choroid plexus calcification was seen in the right temporal region. MR showed multiple well defined homogenous round to oval, intensely enhancing extra-axial masses which were isointense on T₁ and slightly hyperintense on T₂ weighted images in the parasagittal regions attached to falx cerebri, right cerebellopontine angle, right medial temporal region and left parietal convexity suggestive of right acoustic schwanomma with multiple meningiomas.

Multiple meningiomas are associated with neurofibromatosis type 2 or can develop sporadically, usually from contiguous spread from a clonal tumour. sporadic multiple meningiomas are found in less than 10% of patients.

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