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Basic Study

Cystic lesions of peripheral nerves- Are we missing the diagnosis of the Intraneural Ganglion Cyst?

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Abstract

AIM

To highlight the salient MRI features of the intraneural ganglion cyst (INGC) of various peripheral nerves for their precise diagnosis and to differentiate them from other intra and extra-neural cystic lesions.

METHODS

A retrospective analysis of the magnetic resonance (MR) images of a cohort of 245 patients presenting with nerve palsy involving different peripheral nerves was done. MR images were analyzed for the presence of a nerve lesion, and if found, it was further characterized as solid or cystic. The serial axial, coronal and sagittal MR images of the lesions diagnosed as INGC were studied for their pattern and the anatomical extent along the course of the affected nerve and its branches. Its

relation to identifiable anatomical landmarks, intra-neural communication and presence of associated changes in the

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