

Mesial Temporal Sclerosis Diagnosis

The diagnosis of mesial temporal sclerosis includes detailed history and physical examination. A history of a prolonged seizure with fever in early life can be a risk factor for development of MTS.

MRI

see [Mesial Temporal Sclerosis MRI](#).

Nuclear medicine

SPECT and PET imaging are also a useful adjuncts, with both ictal and inter-ictal scans demonstrating abnormalities

ictal scan: hyper perfusion

interictal scan: hypo perfusion

Other causes of temporal lobe epilepsy (TLE) should be considered, especially as small temporal lobe cortical tumours can have similar appearances.

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Last update: **2024/06/07 02:57**

