

Up to 30% of [temporal lobe epilepsy](#) (TLE) cases, can have normal (“nonlesional” or negative) magnetic resonance imaging (MRI) results, which complicates the presurgical workup and has been associated with worse surgical outcomes. Helped by contributions from advanced imaging techniques and electrical source localization, the number of surgeries performed on MRI-negative TLE has increased over the last decade. Thereby new epidemiologic, clinical, electrophysiologic, neuropathologic, and surgical data of MRI-negative TLE has emerged, showing characteristics that are distinct from those of lesional TLE <sup>1)</sup>.

<sup>1)</sup>

Muhlhofer W, Tan YL, Mueller SG, Knowlton R. MRI-negative temporal lobe epilepsy-What do we know? *Epilepsia*. 2017 May;58(5):727-742. doi: 10.1111/epi.13699. Epub 2017 Mar 7. Review. PubMed PMID: 28266710.

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