

Review of: "Surgical treatment of Temporal Lobe Epilepsy: comparative results of selective amygdalohippocampectomy versus anterior temporal lobectomy from a referral center in Brazil"

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The paper is interesting by the results of a single center, choosing two approaches for two sides of MTLE. Therefore, one of the biases is already there, emphasized also by the authors – comparison between R and L. Other main problems are lacking data about clinical characteristics, EEG characteristics and other important issues, e.g. PET, in the two groups. The explanation, most probably, is that of limited resources for presurgical evaluation in developing countries. The diagnosis was based mainly on MRI – unilateral HS, confirmed by pathology. Lack of neuropsychological testing is a main issue, both pre- and post-operatively. The overall results confirm that ATL is much better option for seizure control in MTLE, if this is pure HS-related MTLE, which is still an option in resource-poor countries to help well-selected patients with drug-resistant TLE.