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discrimination, identification and TDI scores were analyzed separately for each group. The threshold and discrimination values were similar in MTLE-HS and HC groups ( $p=0.063$ ). Identification and TDI scores were significantly lower in the MTLE-HS group, respectively  $p<0.01$  and  $p<0.001$ .  
DISCUSSION AND CONCLUSION: We have demonstrated the impaired olfactory function in MTLE-HS patients in the Turkish population. For the MTLE-HS patients, both peripheral changes, as well as structural or functional alterations in mesial temporal lobes and prefrontal lobes, have been proposed, and our results are in favor of central involvement.

**Keywords:** Mesial temporal lobe epilepsy, olfaction; Sniffin' Sticks test.

Mine Sezgin, Bedia Samancı, Cömert Şen, Yavuz Samancı, Nerses Bebek, Kadir Serkan Orhan, Betül Baykan. Impaired Olfactory Function in Patients with Mesial Temporal Lobe Epilepsy Associated with Hippocampal Sclerosis. *Epilepsi*. 2020; 26(1): 25-29

**Sorumlu Yazar:** Mine Sezgin, Türkiye