

ApoE epsilon4 is not associated with postictal confusion in patients with mesial temporal lobe epilepsy with hippocampal sclerosis.

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Abstract

A previous report found an association between ApoE isoforms and postictal confusion in medically intractable temporal lobe epilepsy (TLE). We performed a molecular epidemiology study in an independent sample of 77 TLE patients. We failed to replicate the original allelic association between ApoE epsilon4 allele and postictal confusion in our population ($\chi^2=1.67$; d.f.=1; $p=0.2$). Thus, the association between ApoE epsilon4 allele and postictal confusion still needs to be fully investigated in different and independent populations.