





Indo-German Lab of LVPEI

Sight restoration after congenital blindness does not restore the alpha brain rhythm which is important for the control of visual cortical activity

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Normally sighted / developmental cataract reversal participants

Individuals who had received surgery for bilateral total congenital cataracts show reduced EEG alpha activity. Alpha activity is important for the control of visual cortical activity. Thus, the lack of a full recovery of alpha activity might indicate an impaired excitatory/inhibitory balance contributing to incomplete sight recovery

Reduced EEG alpha-activity

