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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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