



Multiple Sclerosis and Relation to Sleep and Cognitive Disorder

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Abstract

In this topic we have found the relation between multiple sclerosis and sleep, cognitive disturbance and memory loss and what is its mechanisms and pathogenesis of the above causes.

Keywords: Multiple Sclerosis; Demyelination; Memory Loss; Sleep Disorder; Cognitive Disturbance

Introduction

Multiple sclerosis is the Disorder in which the myelin sheath of the neuron starts to degenerate and causes cognitive disturbance.

Cognitive disturbance

In multiple sclerosis there is degeneration of myelin sheath in the neuron.

There is defect in the transmission from the neuron leading to delayed transmission of neuron signal. Delayed response of movement leading to cognitive disorder.

Sleep disturbance

Sleep-apnea can be caused due to delayed signal transmission; it can cause restlessness during sleep and even secondary sleep apnea.

Even due to myelin sheath lack of signal transmission leading to the lack of signal transmission leading to the cerebral disturbance and nightmares.

Memory loss

Psychical triangle connection myelin sheath neuron leading to the disturbance in the signal transmission of signal leading to the disturbance in memory storage and memory loss leading to frequent memory loss.

Cure of the multiple sclerosis

Myelin sheath regeneration is the cure of the multiple sclerosis. Stem cell therapy on the neuron leading to the neuron increase leading to the better cognition and better symptomatic cure and myelin sheath regeneration is better option.

Stem cell can be transplanted on neuron leading to regeneration of the myelin sheath.

Discussion

We discussed about the pathogenesis of the multiple sclerosis and relation to sleep and cognitive disorder and its cure.

Conclusion

In multiple sclerosis there is degeneration of myelin sheath which leads to the cognitive disorder and sleep disorder and memory loss and its cure.

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