



**Proceeding**

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# Psychological Disorder and Pseudoseizure as a First Presentation of Hypothyroidism

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## Presentation

A 10-year-old previously healthy girl presented with frequent attacks of abnormal body movement over the previous two years. She was diagnosed with epilepsy and received anti epileptic medication irregularly. The most recent attack was 6 months ago when she developed abnormal body movement and was admitted to the intensive care unit and was treated with many anti epileptic medications there. Her past medical history revealed; lethargy with excessive sleepiness, feeling cold, constipation and hearing difficulty since the age of 8. She was also under the pediatric clinic with short stature.

On further enquiry features of hypothyroidism were observed and the abnormal body movements were not seizures but were hyperventilation and pseudo-seizure and diagnosed as a conversional disorder.

Diagnostic evaluation demonstrated normal electrolytes and EEG with normal brain imaging but a thyroid function test revealed hypothyroidism.

## Treatment

She was treated with levothyroxine and was evaluated by a psychologist who advised to continue on treatment and follow up. After normalization of the thyroid hormone levels the attacks of pseudo-seizure disappeared and there are no features of hypothyroidism now that she is on treatment.

## Conclusion

This case illustrates a young female with hypothyroidism and pseudo-seizure. After treatment with Thyroxine her psychological complaints resolved.



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