

Vagus nerve stimulation in children with intractable ...

<https://onlinelibrary.wiley.com/doi/full/10.1111/j.1469-8749.2012.04305.x>

Aim The aim of this study was to **evaluate the effects of vagus nerve stimulation (VNS)** in children with intractable **epilepsy** on seizure frequency and severity and in terms of tolerability and safety. Method In this study, the first randomized active controlled trial of its kind in children, 41 children (23 males; 18 females; mean age at implantation 11y 2mo, SD 4y 2mo, range 3y 10mo–17y 8mo) were included.

Cited by: 70 **Author:** Sylvia Klinkenberg, Marlien W Aalbers, J...
Publish Year: 2012

[PDF] Vagus nerve stimulation in children with intractable ...

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possible **reduction** in **seizure severity** and improvement in well-being makes this **treatment** worth considering in individual children with **intractable epilepsy**. **Vagus nerve stimulation (VNS)** is a **neuromodulatory treat-** ment that is used as an **adjunctive therapy** for individuals with.

Cited by: 70 **Author:** Sylvia Klinkenberg, Marlien W Aalbers, J...
Publish Year: 2012

Vagus nerve stimulation in the treatment of refractory ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5084198>

Summary. Many patients with **epilepsy** suffer from persistent seizures despite maximal **anti-epileptic drug therapy**. Chronic, intermittent vagus nerve stimulation has been proven to be an effective option for many patients suffering from refractory seizures who are not candidates for surgical resection. Although only a small minority of patients will be entirely **seizure-free**, vagus nerve stimulation, as an adjunct to ...

Cited by: 56 **Author:** Andrew H. Milby, Casey H. Halber, Gord...

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INTERPRETATION VNS is a safe and well-tolerated adjunctive treatment of epilepsy in children. Our results suggest that the effect of VNS on seizure frequency in children is limited. However, the possible reduction in seizure severity and improvement in well-being makes this treatment worth considering in individual children with intractable epilepsy. **Vagus nerve stimulation (VNS)** is a neuromodulatory treat-

Cited by: 70 **Author:** Sylvia Klinkenberg, Marien W Aalbers, Joh...
Publish Year: 2012

Vagus nerve stimulation for pediatric patients with ...

<https://pubmed.ncbi.nlm.nih.gov/30642370>

Background: Recent clinical observations have reported the potential benefit of vagus nerve stimulation (VNS) as an adjunctive therapy for pediatric epilepsy. **Preliminary** evidence suggests that VNS treatment is effective for seizure reduction and mental development in young participants between 3 and 6 years of age who suffer from intractable epilepsy.

Cited by: 6 **Author:** Taoyun Ji, Zhao Yang, Qingzhu Liu, Jianxia...
Publish Year: 2019

Vagus nerve stimulation in the treatment of refractory ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5084198>

Summary. Many patients with epilepsy suffer from persistent seizures despite maximal anti-epileptic drug therapy. Chronic, intermittent vagus nerve stimulation has been proven to be an effective option for many patients suffering from refractory seizures who are not candidates for surgical resection. Although only a small minority of patients will be entirely seizure-free, vagus nerve stimulation, as an adjunct to ...

Cited by: 55 **Author:** Andrew H. Milby, Casey H. Halpern, Gordon...
Publish Year: 2009

Vagus nerve stimulation for pediatric patients with ...

Vagus nerve stimulation



Vagus nerve stimulation is a medical treatment that involves delivering electrical impulses to the vagus nerve. It is used as an add-on treatment for certain types of intractable epilepsy and treatment-resistant depression. Frequent side effects include coughing and shortness of breath. Serious side effects may include trouble talking and cardiac arrest.

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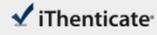
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Name of Journal: *World Journal of Clinical Cases*
Manuscript NO: 56656
Manuscript Type: ORIGINAL ARTICLE

Retrospective Study
Preliminary analysis of the effect of vagus nerve stimulation in the treatment of children with intractable epilepsy

Tie Fang, Zi-Hang Xie, Ting-Hong Liu, Jie Deng, Shuai Chen, Feng Chen, Li-Li Zheng

Abstract
BACKGROUND
Implant vagus nerve stimulation is considered as an adjunctive treatment for intractable epilepsy where patients are not suitable for resective surgery.

AIM

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2	Crossref	17 words	1%
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Purpose: This study explores the **effect of Vagus Nerve Stimulator (VNS)** on Status Epilepticus (SE) in **children** with medically **intractable epilepsy**. Methods: Retrospective review was conducted in **children** with a history of at least two SE, who had VNS implantation and had at least one year follow up after the procedure. Results: Sixteen patients met inclusion/exclusion criteria.

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Cited by: 70 **Author:** Sylvia Klinkenberg, Marlien W Aalbers, ...
Publish Year: 2012

Vagus nerve stimulation in children with intractable ...

<https://www.ncbi.nlm.nih.gov/pubmed/19263056>

PURPOSE: To analyze the indication, complications and outcome of **vagus nerve stimulation** in **intractable** childhood **epilepsy**. **MATERIALS AND METHODS:** We retrospectively reviewed the data of 69 **children** who had insertion of vagal **nerve stimulator (VNS)** between June 1995 and August 2006 for medically **intractable epilepsy**.

Cited by: 69 **Author:** S. M. R. Kabir, C. Rajaraman, C. Rittey, ...
Publish Year: 2009

Vagus nerve stimulation in children with intractable ...

<https://onlinelibrary.wiley.com/doi/full/10.1111/j.1469-8749.2012.04305.x>