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Awake Craniotomy for Auditory Brainstem Implant in Patients with

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Retrosigmoid Craniotomy for Auditory Brainstem ...

<https://pubmed.ncbi.nlm.nih.gov/27054058>

Objective To report our technique and experience using a retrosigmoid craniotomy approach for auditory brainstem implantation (ABI) placement in adult neurofibromatosis type 2 (NF2) patients. Design Retrospective case series. Setting Single-center ...

Cited by: 4 Author: Sidharth V. Puram, Sidharth V. Puram, B...

Publish Year: 2015

Tinnitus Suppression After Auditory Brainstem Implantation ...

<https://www.ncbi.nlm.nih.gov/pubmed/27755361>

OBJECTIVE: To evaluate whether an auditory brainstem implant (ABI) can impact levels of tinnitus in neurofibromatosis type-2 (NF2) patients who have undergone translabyrinthine craniotomy for vestibular schwannoma (VS) removal and to evaluate the burden of tinnitus in these patients. STUDY DESIGN: A retrospective case series and patient survey.

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Auditory brainstem implants for neurofibromatosis type 2 ...

<https://www.researchgate.net/publication/230657236...>

Background: Some studies show that **neurofibromatosis Type 2 (NF2) patients** fit with **auditory brainstem implants (ABIs)** fail to achieve speech perception abilities similar to ABI recipients without ...

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Auditory Brainstem Implantation in Patients with ...

<https://www.researchgate.net/publication/8162311...>

Objective: **Auditory brainstem implants (ABIs)**, which have previously been used to restore **auditory** perception to deaf **patients with neurofibromatosis type 2 (NF2)**, are now being utilized in other ...

Auditory brainstem implants in neurofibromatosis Type 2 ...

<https://www.researchgate.net/publication/259314616...>

Methods: The authors conducted a prospective study on ABI operations performed with the aid of multimodality neuromonitoring between 2005 and 2009 in 18 **patients with neurofibromatosis Type 2**.

Cochlear Implantation in Patients with Neurofibromatosis ...

<https://www.researchgate.net/publication/6993481...>

Objective To report our technique and experience using a retrosigmoid **craniotomy** approach for **auditory brainstem** implantation (ABI) placement in adult **neurofibromatosis type 2 (NF2) patients** ...

Auditory Brainstem Implants | Request PDF

https://www.researchgate.net/publication/5686054_Auditory_Brainstem_Implants

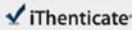
The **auditory brainstem implant (ABI)** was developed in the US for **patients with neurofibromatosis 2**. A European surgical team has advanced ABI use in young children, with promising outcomes.

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10-Jul-2021 10:49AM

2627 words • 14 matches • 9 sources

FAQ

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Name of Journal: *World Journal of Clinical Cases*

Manuscript NO: 63833

Manuscript Type: CASE REPORT

Awake craniotomy for auditory brainstem implant in patients with neurofibromatosis type 2: Four case reports

Awake craniotomy for auditory brainstem implant

De-Xiang Wang, Shuo Wang, Min-Yu Jian, Ru-Quan Han

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Awake craniotomy for auditory brainstem implant in patients with



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Retrosigmoid Craniotomy for Auditory Brainstem ...

europepmc.org/abstract/MED/27054058 ▾

Auditory brainstem implant in neurofibromatosis type 2 and non-neurofibromatosis type 2 patients. Grayeli AB, Kalamarides M, Bouccara D, Ambert-Dahan E, Sterkers O. Otol Neurotol, 29(8):1140-1146, 01 Dec 2008 Cited by 35 articles | PMID: 18849886

Auditory rehabilitation of patients with neurofibromatosis ...

<https://europepmc.org/articles/PMC3590004> ▾

Neurofibromatosis Type 2 is a rare hereditary disease resulting from mutations in the merlin/schwannomin gene. 27 This disease is characterized by the development of bilateral VSs in 90%–95% of affected individuals. 4 Auditory rehabilitation becomes a significant aspect in the care of these patients as their tumor burden increases. Complete bilateral hearing loss is a frequent ...

Frontiers | Auditory Brainstem Implants: Recent Progress ...

<https://www.frontiersin.org/articles/10.3389/fnins.2019.00010> ▾

The auditory brainstem implant (ABI) was first developed nearly 40 years ago and provides auditory rehabilitation to patients who are deaf and ineligible for cochlear implant surgery due to abnormalities of the cochlea and cochlear nerve. The aims of the following review are to describe the history of the ABI and innovations leading up to the modern ABI system, as well as highlight areas of ...

Cochlear Implants and Auditory Brainstem Implants ...

www.aetna.com/cpb/medical/data/1_99/0013.html

Number: 0013. Policy. Auditory Brainstem Implant. Aetna considers an auditory brainstem implant (ABI) medically necessary in members 12 years of age or older who have lost both auditory nerves due to disease (e.g., neurofibromatosis or von Recklinghausen's disease) or bilateral surgical removal of auditory nerve tumors is planned and is expected to result in complete bilateral deafness.

Auditory Brainstem Implants: Recent Progress and Future ...

<https://europepmc.org/article/MED/30760974> ▾

The Hannover auditory brainstem implant: a multiple-electrode prosthesis. Eur. Arch. Otorhinolaryngol. 248 420–421. 10.1007/BF01463568 [Google Scholar] Laszig R., Marangos N., Sollmann W. P., Ramsden R. T. (1999). Central electrical stimulation of the auditory pathway in neurofibromatosis type 2. Ear Nose Throat J. 78 110–111.