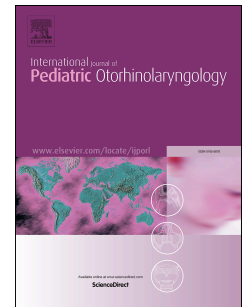


Accepted Manuscript

Outcomes after cochlear implant provision in children with cochlear nerve hypoplasia or aplasia

Désirée Ehrmann-Müller, Heike Kühn, Cordula Matthies, Rudolf Hagen, Wafaa Shehata-Dieler



PII: S0165-5876(18)30282-9

DOI: [10.1016/j.ijporl.2018.06.038](https://doi.org/10.1016/j.ijporl.2018.06.038)

Reference: PEDOT 9060

To appear in: *International Journal of Pediatric Otorhinolaryngology*

Received Date: 6 February 2018

Revised Date: 22 June 2018

Accepted Date: 23 June 2018

Please cite this article as: D. Ehrmann-Müller, H. Kühn, C. Matthies, R. Hagen, W. Shehata-Dieler, Outcomes after cochlear implant provision in children with cochlear nerve hypoplasia or aplasia, *International Journal of Pediatric Otorhinolaryngology* (2018), doi: 10.1016/j.ijporl.2018.06.038.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Outcomes after cochlear implant provision in children with cochlear nerve hypoplasia or aplasia

Désirée Ehrmann-Müller¹, Heike Kühn¹, Cordula Matthies², Rudolf Hagen¹, Wafaa Shehata-Dieler¹

¹Department of Otorhinolaryngology, Plastic, Esthetic and Reconstructive Head and Neck Surgery, University of Wuerzburg, Josef-Schneider-Str. 11, 97080 Wuerzburg, Germany

²Department of Neurosurgery, University of Wuerzburg, Josef-Schneider-Str. 11, 97080 Wuerzburg, Germany

Corresponding author:

Dr.med. Désirée Ehrmann-Müller

ehrmann_d@ukw.de

Department of Otorhinolaryngology, Plastic, Esthetic and Reconstructive Head and Neck Surgery, University of Wuerzburg

Josef-Schneider-Str. 11

97080 Würzburg

Germany

Conflicts of interest

None

Download English Version:

<https://daneshyari.com/en/article/8806150>

Download Persian Version:

<https://daneshyari.com/article/8806150>

[Daneshyari.com](https://daneshyari.com)