

University of Groningen

From Voice to Speech

Nagels, Leanne

DOI:
[10.33612/diss.179062515](https://doi.org/10.33612/diss.179062515)

IMPORTANT NOTE: You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.

Document Version
Publisher's PDF, also known as Version of record

Publication date:
2021

[Link to publication in University of Groningen/UMCG research database](#)

Citation for published version (APA):

Nagels, L. (2021). *From Voice to Speech: the perception of voice characteristics and speech in children with cochlear implants*. [Thesis fully internal (DIV), University of Groningen]. University of Groningen. <https://doi.org/10.33612/diss.179062515>

Copyright

Other than for strictly personal use, it is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license (like Creative Commons).

The publication may also be distributed here under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license. More information can be found on the University of Groningen website: <https://www.rug.nl/library/open-access/self-archiving-pure/taverne-amendment>.

Take-down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

Downloaded from the University of Groningen/UMCG research database (Pure): <http://www.rug.nl/research/portal>. For technical reasons the number of authors shown on this cover page is limited to 10 maximum.

Propositions accompanying the dissertation

From Voice to Speech

The perception of voice characteristics and speech in children with cochlear implants

- The relatively long developmental trajectory of the voice perception abilities of cochlear implant (CI) children as well as normal-hearing children highlights the importance of cognitive factors for voice perception (*Chapters 2, 3, 4, and 5*).
- The underlying mechanisms for F0 and VTL processing are task-dependent (*Chapters 2, 3, and 4*).
- Discrimination thresholds are not the only factors underpinning normal-hearing and CI children's use of voice cues for voice categorization and their perception of speech in competing speech (*Chapters 2, 3, and 4*).
- The different manners in which postlingually deafened and implanted CI adults and prelingually deafened and implanted CI children acquire language lead to differences in their voice discrimination and voice categorization abilities (*Chapter 4*).
- Despite CI children's perceptual limitations, their voice perception abilities seem to develop further during school age years and beyond (*Chapters 4 and 5*).
- Creating robust acoustic representations of vocal emotions is a highly complex and longlasting process for CI children and even for normal-hearing children (*Chapter 5*).
- Accents and dialects are beautiful but often underappreciated.
- The taboo against making an honest mistake in academia impedes open science and reproducible research.
- We keep moving forward, opening new doors, and doing new things, because we're curious and curiosity keeps leading us down new paths (*Walt Disney*).
- Happiness can be found, even in the darkest of times, if one only remembers to turn on the light (*Albus Dumbledore - Harry Potter and the Prisoner of Azkaban, J.K.Rowling*)