BROWSE

IEEE.org | IEEE Xplore Digital Library | IEEE-SA | IEEE Spectrum | More Sites

Cart (0) | Create Account | Personal Sign In

Metrics

Similar

Access provided by:

Maastricht University

Sign Out

MY SETTINGS GET HELP

References

WHAT CAN I ACCESS?

Browse Conference Publications > 2011 Annual International Con ...

Authors

Vestibular implants: The first steps in humans

Full Text
Sign-In or Purchase

Keywords

5 Author(s)

Abstract

N. Guinand; ENT Department, Department of Clinical Neurosciences, University Hospital, Faculty of Medicine, University of Geneva, Switzerland; J. P. Guyot; H. Kingma; I. Kos
more authors

Cited By

| impairment. Presence of oscillopsia is thei their quality of life. Recently it has been sh restored in animals. In humans it is possib ampullary parts of the vestibular nerve. Co and intensity modulation of the restored by phase to the electric stimulus, patients exprepetition of "on/off periods" the duration of | patients with severe bilateral vestibular function main complaint. It has a significant negative impact or own that angular vestibulo-ocular reflex can be partially e to elicit a nystagmic response by electric stimulation on introlled eye movements can be generated by frequence seline firing rate of the vestibular nerve. During adaptate erience nystagmus with associated inconveniences. By the adaptation phase can be significantly decreased. |
|---|--|
| Published in: 2011 Annual International Conference of the Date of Conference: Aug. 30 2011-Sept. 3 2011 | e IEEE Engineering in Medicine and Biology Society |
| Page(s): 2262 - 2264 | Conference Location : Boston, MA |
| ISSN: 1094-687X | DOI: 10.1109/IEMBS.2011.6090569 |
| E-ISBN: \$tmp} | PubMed ID : 22254791 |
| Print ISBN: | Publisher: |

Personal Sign In | Create Account

IEEE Account

- » Change Username/Password
- » Update Address

Purchase Details

- » Payment Options
- » Order History
- » View Purchased Documents

Profile Information

- » Communications Preferences
- » Profession and Education
- » Technical Interests

Need Help?

- » US & Canada: +1 800 678 4333
- » Worldwide: +1 732 981 0060
- » Contact & Support

About IEEE Xplore | Contact Us | Help | Terms of Use | Nondiscrimination Policy | Sitemap | Privacy & Opting Out of Cookies

A not-for-profit organization, IEEE is the world's largest professional association for the advancement of technology.

© Copyright 2016 IEEE - All rights reserved. Use of this web site signifies your agreement to the terms and conditions.