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Opinion **Published Date:- 2017-10-11**

Practical implementation of the SWEEP-session of Stimulation-Registration in CI fitting

Levels of electrically evoked stapedial reflex thresholds (eESRTs) are frequently used as most comfortable levels (MCL) in cochlear implant fitting. The problem of routine one-channel-technique of reflexometry is long duration of this procedure. In order to “compress the time” we suggest method of consecutive stimulation of all electrodes of implant with simultaneous registration of stapedial reflexes-SWEEP-session. Practical implementation of the SWEEP-session is described here. This method has been successfully used in several hundred CI patients. Registration of evoked electrical stapedial reflex thresholds (eESRTs) during CI fitting is long procedure. In order to “compress the time” we suggest our SWEEP-session method. Practical implementation of this SWEEP-session is described here in accordance with the patent of Russian Federation.

Research Article **Published Date:- 2017-07-21**

Changes in the frequency and intensity of Tinnitus using the Suppressive Noise Spectrum

Objective:To report findings of improvement in patient tinnitus intensity and changes in frequency using a novel suppressive noise spectrum.

Design: Single-subject; each subject served as his or her own control. Each patient received treatment, and changes were measured over time.

Setting: Tertiary referral via university otolaryngology and hospital audiology as well as audiology clinics in the region.

Patients: Fifteen tinnitus ears in 8 patients.

Interventions: Therapeutic and rehabilitative.

Main Outcome Measures:: Tinnitus frequency, tinnitus intensity, and tinnitus questionnaire.

Results (Findings): After 3 months of exposure to the customized suppressive noise spectrum therapy, patients showed a shift in tinnitus frequency in addition to a significant decrease in tinnitus intensity from the pre-treatment to post-treatment condition ($p<0.05$). Typically, improvement was gradual based on comparing 3 sets of data collected at baseline, 1.5 months and 3 months.

Conclusion: Using suppression in tinnitus is novel. Based on our findings, using a customized suppressive noise spectrum is effective in shifting the frequency, reducing the intensity of subjective tonal tinnitus, and improving the handicap based on THQ test. From this seminal report, factors related to maximizing its effectiveness (e.g., length of listening time, level of hearing loss, and application for alternative tinnitus types) may be considered for future research.

Research Article **Published Date:- 2017-06-27**

A possible Etiology and new treatment of Burning Mouth Syndrome and allied condition

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Introduction: Burning mouth syndrome, oral sub mucous fibrosis, leukoplakia, etc are the different manifestations of a common disease as per the surmise of various authors. There is no known cause and no specific treatment. Attempt is made in this study to find a cause and if possible, a treatment.

Materials and methods: 38 such cases were taken up in this study. It was found, that the cardinal signs of paucibacillar indeterminate form of Hanseniasis, as per the definition of WHO, are present in all these cases. Also they are found to respond well to the anti-leprotic drugs prescribed by WHO for the Hanseniasis.

Conclusion: It is recommended for multicentre trial and further research on this score which would relieve the suffering millions of the world populations.