



SDI Review Form 1.6

Journal Name:	Ophthalmology Research: An international Journal
Manuscript Number:	2013_OR_8008
Title of the Manuscript:	Eye Movements In Congenital Neurosensorial Deaf subjctcs As Assessed By 2D video-Oculography™
Type of the Article	Short Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	The study was too easy and the results are awaited. I think that the goal of the research is not set properly. The methodology is OK, but it is not clear why the authors used Matt-Withney U- test because they use relatively precise measurements and because the t-test showed no statistically significant differences between samples. This test is most often used when using an arbitrary scale that cannot be precisely measured (for example, eye color scale measurements).	Matt-Withney U- test has been used since the data distribution was found to be non-parametric, as assessed by the Kolmogorov-Smirnov test for normality. Had been p at KS >0.05, then the more robust t-test would have been the test of choice.
Minor REVISION comments	Conclusion of the authors "Our findings suggest that an auditory deprivation does not lead to a substantial compensatory enhancement or worsening of the oculomotor function", are absolutely expected, and correlation in the future investigation should not demonstrate anything new. „As a future investigation it may be interesting to study correlations between SEM and FEM parameters and different patterns of auditory frequencies deprivation as well as to take into consideration differences in audiometric profiles between the left and right ear.“ The problem of visual perception in this population may be in the psychological perception and cognitive understanding that is exempt from auditory perception but not compensatory enhancement oculomotor function.	I will consider this argument, but based on the existing literature I find the obtained results cannot be properly considered as <i>absolutely expected</i> . See for example Bottari D, Valsecchi M and Pavani F. Prominent reflexive eye-movement orienting associated with deafness. Cognitive Neuroscience. 2012; 3: 8-13.
Optional/General comments	The significance of the study is not well established or well articulated in an introduction. More important, it is not clear how are extending existing theoretical frameworks.	The introduction has been modified trying to pinpoint the significance of the study. In the present investigation we did not expect to extend an existing theoretical framework. Its purpose was to contribute to clarify the relationship between deafness and oculomotricity.