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| Book Name: | [**Medical Science: Trends and Innovations**](https://www.bookpi.org/bookstore/product/medical-science-trends-and-innovations-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4678** |
| Title of the Manuscript: | **Use of a Neurosensorimotor Reflex Integration Program to Improve Reflex Patterns of Children with Down Syndrome** |
| Type of the Article | **Book Chapter** |

**Special note:**

**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**Journal of Neurology and Neuroscience, Vol. 6, No. 4, 1-8, 2015**

**DOI: 10.21767/2171-6625.100059**

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| PART 1: Comments | | |
|  | Reviewer’s comment | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | **The topic of the study is current.** **A substantial number of studies have been published on the use of this method in children diagnosed with neurodevelopmental disorders.** **However, there are not many published studies using this method in children with Down syndrome.** **The utilisation of this method in the context of this particular population of children is deemed to be beneficial.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes** |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | **First, the method must be defined, then the research aim, then the result. The abstract has a non-typical layout, it is necesary to choose a typical referencing style and form.** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **Introduction : The first sentence already contains an error „…most commonly identified genetic form of intellectual developmental disorder.“ It can be posited that the authors of the text were likely attempting to convey the following message: … most common form of Intellectual Developmental Disorder caused by chromosomal abnormalities. Deficiencies in wording can be observed throughout the text.**  **The introduction is closed with a paragraph that does not belong here, it belongs to the results section.**  **“This study of 54 children with Down syndrome documents the effectiveness of MNRI for improving the functioning of children with Down syndrome. Improved reflex scores were used as objective measures for before and after comparisons. This study evaluates the efficacy of MNRI for improving the functions of the sensory-motor sphere of children with developmental deficiencies.”**  **Materials and Methods:**  **It is not possible to start with a sentence „…this study documented improvement.“ This statement belongs to the results.**  **First, the research question or hypothesis to be tested must be defined. In this section is necessary to first report a description of the participant groups. It is quite chaotic. First the size of the research population in total has to be reported, then the characteristics of the groups have to be included. I recommend reporting this more clearly, e.g. in a table. In addition, for group three it is not clear from which sources the data was obtained. It is not clear what specific test method was used to determine the children's intellectual level and who examined the children.**  **Results: in Table 2 the resulting P value is not reported, this value is not given in the text. I recommend adding this p-value to the table.**  **Text … Also an interesting clinical fact is noticed: the progress in correction of the reflex patterns in the Study Group was dependent on age - it was higher in the group of children age 6 months to 5 years, and also in the group of children ages 6 to12 years. It was significant but less in the group of ages 13-18 years, which can be… this cannot be retained in the text unless a table with the results of statistical data anylysis is not included in the text.**  **Discussion does not serve the function of discussion. Some studies using similar methods have been published. The results of this study should be compared with them.**  **Conclusion. Repetitive information needs to be removed. Do not reference “...program must serve as a basic start therapy for other types of therapy modalities...” This statement is not ethical, every parent of a child with DS has a free choice.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **The references utilised are, in the majority of cases, inadequate and insufficient. It is recommended to use sources dated less than five years old.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | **No** |  |
| Optional/General comments |  |  |

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| **PART 2:** | | |
|  | Reviewer’s comment | Author’s comment *(if agreed with the reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Are there ethical issues in this manuscript?** |  |  |

**Reviewer details:**

**Barbora Cervenkova, Palacky University Olomouc, Czech Republic**