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| Book Name: | [**An Overview of Disease and Health Research**](https://bookstore.bookpi.org/product/an-overview-of-disease-and-health-research-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_5687** |
| Title of the Manuscript: | **Autosomal Recessive Spastic Paraplegia Type 51 Caused by Homozygous Mutation of the AP4E1 Gene: A Case Report of a 17-Years-Old Boy** |
| 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.**

**Asian Journal of Pediatric Research, 14(9): 10-14, 2024.**

**DOI: 10.9734/ajpr/2024/v14i9383**

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | 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.** | **This manuscript provides a valuable contribution to the clinical and genetic characterization of autosomal recessive spastic paraplegia type 51 (SPG51), a rare neurogenetic disorder. It offers a detailed case report of a 17-year-old boy with a homozygous AP4E1 mutation, expanding the phenotypic spectrum and adding insights into the diagnostic approach and management of hereditary spastic paraplegias. The inclusion of brain MRI findings, clinical examination, and genetic testing reinforces the diagnostic process and may assist clinicians facing similar cases in low-resource settings. It also emphasizes the role of early genetic diagnosis and multidisciplinary management.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes, the title accurately reflects the content and scope of the manuscript.** |  |
| 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. | **The abstract is generally adequate, though it could benefit from a clearer delineation of the clinical phenotype and more emphasis on the significance of the MRI findings. A brief mention of the implications of early genetic diagnosis and management would improve the impact of the abstract.** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **Yes, the manuscript is scientifically sound. It presents a rare but clinically significant case with appropriate clinical, radiological, and genetic details. The discussion is generally well-structured and consistent with current literature, although it would benefit from more extensive discussion of differential diagnoses and management approaches.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **The references are relevant, but somewhat limited. The authors may consider adding more recent literature on AP-4 associated disorders and hereditary spastic paraplegias, including the 2020 consensus statement on classification and management.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | The language is generally understandable but would benefit from minor revisions for clarity and grammatical correctness. Some expressions and sentence structures should be polished for fluency. |  |
| Optional/General comments | The case report is informative and enhances awareness of rare hereditary spastic paraplegias. It highlights the importance of a multidisciplinary approach and could benefit from a brief mention of family counseling and follow-up recommendations. |  |

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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?** | *(If yes, Kindly please write down the ethical issues here in detail)* |  |

**Reviewer details:**

**Yerko P. Ivanovic-Barbeito, Tallaght University Hospital, Ireland**