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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 case report describes an extremey rare case of an adolescent with autosomal recessive spastic paraplegia type 51. This report explain the clinical characteristics of this genetic condition.** |  |
| **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. | **Majority of the abstract is just facts of SPG51. The conclusion mentions that SPG51 can lead to misdiagnosis. Thus, abstract should include this point as well.** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **Yes** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **SPG51 is a rare genetic disease. I would recommend adding OMIM entry number.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | **Yes.** |  |
| Optional/General comments | **I recommend making “AP4E1” italic in the manuscript because it is a gene.**  **In section 2, please describe what genetic analysis made the diagnosis of SPG51, such as gene panel, exome sequencing, or genome sequening? What are the variants? Please document the variants’ information. Are these de novo or inherited?**  **Describe when and why the patient obtained the genetic testing? Describe his developmental milestones and family history.**  **In terms of physical exam, did he have any abnormal head circumference (macrocephaly or microcephaly)?**  **The conclusion mentions that SPG51 can lead to misdiagnosis. Were there any differential diagnoses as a mimicker?**  **In the abstract, authors states that the specific characteristics of SPG51 are, due toonly few cases, not well understood due to limited reports of affected families. Thus, I would recommend creating a table to list knonw symptoms and ideally patient’s clinical and variant information from previous case reports.** |  |

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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:**

**Yutaka Furuta, USA**