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| Journal Name: | [**Asian Journal of Pediatric Research**](https://journalajpr.com/index.php/AJPR) |
| Manuscript Number: | **Ms\_AJPR\_133838** |
| Title of the Manuscript: | **THE LENS, THE LIMB, AND THE CLOT: AN ATYPICAL PEDIATRIC PRESENTATION OF HOMOCYSTINURIA** |
| Type of the Article | **Case report** |

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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.** | **By given clinical details we can find out the exact aetiology of the cause.** | This manuscript holds significant value for the scientific community as it presents a rare and atypical pediatric case of homocystinuria. By showcasing an unusual instance where venous thrombosis appeared before the classic signs of ectopia lentis and marfanoid habitus, it underscores the importance of early metabolic screening in cases of unexplained thrombotic and neurological symptoms. The study highlights the necessity of a multidisciplinary approach, integrating hematology, neurology, and genetics, to facilitate prompt diagnosis and effective treatment. It enhances the understanding of the diverse clinical manifestations of homocystinuria and its crucial impact on pediatric healthcare. |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **We can avoid Lens limb, clot-An atypical case of…. Will do** | Title is suitable for the article |
| 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. |  | Yes comprehensive |
| Is the manuscript scientifically, correct? Please write here. |  | yes scientifically correct |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | 3 articles are old. One is very old | yes added to the original manuscript |
| Is the language/English quality of the article suitable for scholarly communications? | Need improvement | yes changes made |
| Optional/General comments | 1.Key words- restrict to 3-4 words  2.Introduction-Okay  3.Case report- First para –we have to change. There is no need to mention again a case of homocystinuria before giving the description of the case  4.Details of Investigation at 10yrs of age(During swelling of LL)  5.Details of pulse not given-Lower limb puse, ant BF delay etc  6.First to mention pulse, RR and BP  7.Anthropometry-Not plotted in a growth chart and not mentioned the details(Height and Arm span)  8.Details about seizure?  9.Opthalmology Exam-not mentioned(Before investigation)  10.CVS and Abd Exam- Not mentioned  11.No details about neurological Examination  12.MRI Brain Fig?  13.In the Fig- Head is in flexed posture, feet not visible  14.“The diagnosis was the result of a collaborative, multidisciplinary effort. Neurologists were involved in managing the seizure episodes, while haematologists took charge of the ongoing thrombotic complications. The metabolic and genetic team confirmed the diagnosis and initiated targeted management. Dietary modifications, vitamin supplementation, and careful follow-up were instituted as part of the treatment plan.”  a.Which AED?What treatment for thrombotic Complications?  b.Which vitamin?  c. What dietary modifications?  15.“The NEJM Clinical Practice article further notes that vascular damage due to homocysteine is dose-dependent, and the risk of thrombosis correlates with the degree of elevation in homocysteine levels [1] “  a.Better to avoid jl name here  b.change the term dose dependent | Done  Changed  Blood tests not available.only doppler available and its mentioned.  Mentioned  Done  Height and arm span mentioned.  Mentioned  Mentioned  Mentioned  Mentioned  MRI films not available.  Only that picture of the child is available  mentioned  mentioned  mentioned  done  done |

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| **PART 2:** | | |
|  | **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)* |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in details)* | No ethical issues in this manuscript |