



**SDI Review Form 1.6**

Journal Name:	<b>Asian Journal of Pediatric Research</b>
Manuscript Number:	<b>Ms_AJPR_58889</b>
Title of the Manuscript:	<b>Study of clinical manifestations of HIV infected children in relation to CD4 count</b>
Type of the Article	<b>Original Research Article</b>

**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. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/journal/10/editorial-policy> )

**PART 1: Review Comments**

<b>Study of clinical manifestations of HIV infected children in relation to CD4 count</b>	<b>Reviewer's comment</b>	<b>Author's comment</b> (if agreed with reviewer, corrects the manuscript and highlights that part in the manuscript. It is mandatory that authors should write his/her feedback here)
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<p><b>Compulsory</b> REVISION comments</p>	<p><b>2. Materials and methods:</b></p> <p><b>2.1. Acronyms:</b> ART, SCBMCH, SVPPGIP; According to the journal requirements acronyms are supposed to be defined the end of the article, and this is missing,</p> <p><b>2.2 Sample size:</b> How did the authors determine that a sample size of 103 was an adequate sample?</p> <p><b>2.3 Nutritional status:</b> How was it related to WHO staging or CD4 count?</p> <p><b>2.4. Data analysis:</b></p> <ul style="list-style-type: none"> <li>○ What statistical test was used for the correlations?</li> </ul> <p><b>3. Results:</b></p> <ul style="list-style-type: none"> <li>○ Age categorisation, in months and years, this is not proper during data analysis there are two different units months and years, The authors may choose to years 1.5 yrs-14yrs or 18 months. - 168 months.</li> <li>○ <u>Similarly, correlation was also established between CD4 count and specific opportunistic infections the child presented with.</u> <i>The</i> sentence is incomplete.</li> </ul> <p><b>4. Discussion:</b></p> <ul style="list-style-type: none"> <li>○ Paragraph ten missing p value? <i>On an average had lower CD4 counts (P value=).</i> Missing p –value</li> <li>○ <i>In our study although CD4 count showed decreasing trend but P value is 0.053 which depicted that data is not significant that might be due to fact that the immunity not decreased to such level to make the data significant.</i> <i>The</i> sentence is not clear</li> </ul> <p><b>5. References:</b></p> <p><b>References in Methodology but missing from list.</b></p> <ul style="list-style-type: none"> <li>○ WHO Global database on Child Growth and Malnutrition recommendations, section 2.5 on methodology paragraph two under nutritional status reference not numbered.</li> <li>○ WHO clinical classification for HIV 2.5 methodology paragraph two under opportunistic infections diagnosed using Standard protocol reference not numbered.</li> <li>○ FACS count (Becton &amp; Dickinson) reference not numbered and not listed.</li> <li>○ WHO clinical staging- reference not numbered</li> </ul> <p>Discussion reference WHO clinical staging reference not numbered Reference referred to but not listed</p> <ul style="list-style-type: none"> <li>○ Sunder et al[9]. – check author spelling.</li> <li>○ Krishna et al[10]</li> <li>○ Ramesh Pol R[13].</li> </ul> <p>References listed and not referred to:-</p> <p>9)Attili SVS ,Singh VP, Rai M, Varma DV, Gulati AK, Sundar S.Hematological profile of HIV patients in</p>	
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	<p>relation to immune status- A hospital based cohort from Varanasi, North India. Turk J Haematol 2008;25(1):13-19.</p> <p>10) Swetha GK, Hemalatha R, Prasad UV, Murali V, Damayanti K, Bhaskar V. Health and nutritional status of HIV infected children in Hyderabad, India. Indian J Med Res. 2015 Jan; 141(1): 46–54</p>	
<b>Minor</b> REVISION comments	<ul style="list-style-type: none"> <li>○ There is a mixing of past , present tense, and missing articles in sentences.</li> <li>○ Check out for incomplete sentences, and/or long sentences</li> <li>○ Topographic errors like in the abstract in the conclusion instead of stating CD4 count <b>markers</b>, the authors state CD4 <b>markets</b>.</li> <li>○ <b>Nutritional status:</b> The authors report that 40.8 % of the children had a normal nutritional status meaning 509.2 % were a compromised nutritional status. If such high population of the study had a compromised nutritional status why the authors did correlated the nutritional status with CD4 count to establish the relationship? This would have made their study unique</li> <li>○ Nutritional status is a major confounding variable in this study when considering immunity CD4 count, and opportunistic infections particularly in children below five years as compared to those aged 5-19 years.</li> </ul>	
<b>Optional/General</b> comments	<ul style="list-style-type: none"> <li>○ The study thought is interesting and scientifically sound.</li> <li>○ Nutritional status is a confounder, and it may influence the CD4 count and there for influence the WHO staging is it possible for the authors to relate who staging and the nutritional status of the children</li> <li>○ Plagiarism is too high.</li> </ul>	

**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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)
<b>Are there ethical issues in this manuscript?</b>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p> <p>There are no ethical issues</p>	

**Reviewer Details:**

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