

Review Form 1.6

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_80417
Title of the Manuscript:	Correlation of vitamin D levels with polycystic ovary syndrome: A case control study
Type of the Article	Original Research Article

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:

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PART 1: Review Comments

	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)
Compulsory REVISION comments	<p>Abstract section</p> <ol style="list-style-type: none"> 1. Mention area of study in brief and clear way. 2. It is better if the authors indicate how study subjects were selected? 3. How 25 (OH) D deficiencies was measured <p>Methodology section</p> <p>Page 2 in the method section the following points should be answered and amended.</p> <ol style="list-style-type: none"> 4. Study area, period: Mention something about the study area. 5. Line 37-38, Author wrote; "All women fulfilling the inclusion criteria were included after informed consent". What was the inclusion and exclusion criteria? Show clearly here. 6. Who did the evaluation/diagnosis? Was the diagnosis done at time of data collection or you did record review? The author should clarify this. 7. In Page 2, line 29-30; the author mentioned the study was conducted" Dehra Dun" city. But in the method section line 44-45 he/she wrote, "...approved by the institutional Ethical committee". If the study conducted in the city, I think the approval committee was no be int the hospital 8. How the sample size was calculated? I think it is better to show how you calculate the sample size, and proportion used to calculate the sample size. 9. Please describe more detail of points mentioned in 1 & 2 to help readers' understandings. 10. Study population and sampling procedure is not clear and not mentioned 11. Who was involved in data collection and supervision? 12. Data collection tool, procedures and quality assurance; 13. Please indicate data cleaning and entry, <p>Result section</p> <ol style="list-style-type: none"> 1. Page 2, In line 37-38, authors wrote as; "All the young women of age (18-40) were included in the study, while in page 3 line 6, he/she wrote "...range for age in our study was from 18 to 45 years...., which is out of the inclusion criteria. <p>Discussion section</p> <ol style="list-style-type: none"> 1. The author should indicate the strengths and limitations of the study. 	
Minor REVISION comments	<p>Abstract section</p> <ol style="list-style-type: none"> 1. Mention area of study in brief and clear way. 2. It is better if the authors indicate how study subjects were selected? 	

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	<p>3. How 25 (OH) D deficiencies was measured</p> <p>4. Indicate your method of analysis</p> <p>1. In line 25-26, the author wrote as “the prevalence of 25 (OH) D deficiencies in PCOS women was significantly higher”. How much is higher? Mention the prevalence of vitamin D deficiency among PCOS and control groups.</p> <p>Introduction section</p> <p>1. Page 1, line 41 the author wrote, “The prevalence of PCOS range from 9 to 18%”. Is this prevalence globally, in a country or in your study area? I think it is incomplete.</p> <p>2. Page 1, line 41 the author wrote, “Certain studies have shown that PCOS women had lower serum 25 (OH) D concentrations than healthy women and vitamin D deficiency”. It is not clear</p> <p>Result section</p> <p>1. Why to table titles are there for all tables?</p> <p>2. Text presentation should be placed before each table.</p> <p>3. In page 4, line 5-9, place the table reference.</p> <p>Concerning language</p> <p>1. There are a number of grammatical errors throughout the manuscript that need extensive editing (see the main documents(comments in tracking change).</p>	
<p>Optional/General comments</p>	<p>4. This is an interesting study aimed to investigate “Correlation of vitamin D levels with polycystic ovary syndrome: A case control study”. However, points under “major and minor revision comments” should be amended appropriately.</p>	

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)
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

Reviewer Details:

<p>Name:</p>	<p>Fetene Kasahun</p>
<p>Department, University & Country</p>	<p>Debre Berhan University, Ethiopia</p>