

## Review Form 1.7

Journal Name:	<b>Asian Journal of Medicine and Health</b>
Manuscript Number:	<b>Ms_AJMAH_118481</b>
Title of the Manuscript:	<b>The Intersection of Hepcidin and Polycystic Ovary Syndrome: A Review of Current Understanding</b>
Type of the Article	<b>Review 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:

(<https://www.journalajmah.com/index.php/AJMAH/editorial-policy> )

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**PART 1: Review Comments**

	<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)
<p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p>Yes</p> <p>Yes</p> <p>No</p> <p>Yes</p> <p>Yes</p> <p>Yes</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>Yes</p>	

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Optional/General comments

### Title

- The title is clear and reflects the content of the review. It indicates a focus on the intersection of hepcidin and PCOS, which is appropriate given the review's scope.

### Abstract

The abstract is missing. It should provide a concise summary of the key points, findings, and significance of the review.

### Keywords

- The keywords listed are relevant and will help in indexing and searching the article. However, consider adding "anemia" since it is discussed in relation to hepcidin and PCOS.

### Introduction

-Strengths: The introduction provides a solid background on PCOS, its prevalence, and its complex nature. It also introduces hepcidin and its role in iron metabolism effectively.

- Suggestions: The flow could be improved by merging some sentences to avoid repetition. For instance, "PCOS is characterized by a constellation of symptoms, including menstrual irregularities, hyperandrogenism, and polycystic ovaries, often intertwined with metabolic disturbances such as insulin resistance and dyslipidemia [2][3]."

### Hepcidin Section

- Strengths: Provides a detailed explanation of hepcidin's function in iron metabolism and its regulation. The information is clear and well-referenced.

- Suggestions\*\*: Consider a brief mention of how hepcidin regulation ties into PCOS at the end of this section to segue into the next topic.

### Hepcidin in PCOS Pathophysiology

- Strengths: The section thoroughly reviews various studies that explore the link between hepcidin and PCOS. The detailed descriptions of the studies provide a clear understanding of the current research landscape.

- Suggestions: The section is a bit dense with information. Using subheadings for different studies or themes within this section could improve readability. Additionally, ensure all studies are discussed uniformly in terms of their design, findings, and implications.

### Hepcidin and Anemia in PCOS

- Strengths: Discusses the relationship between hepcidin, anemia, and PCOS well. The mechanisms linking these conditions are clearly explained.

- Suggestions: This section could benefit from visual aids, like flowcharts or diagrams, to illustrate the mechanisms discussed. Also, adding specific examples or case studies could provide more context.

### Conclusion

- Strengths: Summarizes the key points well and highlights the importance of understanding hepcidin's role in PCOS for better management of the disease.

- Suggestions: Consider adding a final paragraph that suggests directions for future research or potential clinical applications of the findings discussed.

### General Suggestions

- Language and Style: The language is generally clear, but there are occasional issues with capitalization (e.g., "Characterized" should be "characterized") and minor grammatical errors. A thorough proofread is recommended.

- Figures and Tables: The inclusion of a figure (Figure 1) is good, but its caption should be more descriptive. Ensure all figures and tables are clearly labelled and referenced in the text.

- Structure and Flow: The review is well-structured, but readability can be enhanced by breaking up longer sections with subheadings and ensuring smooth transitions between topics.

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(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)</i>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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