

Review Form 1.6

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_79259
Title of the Manuscript:	EVALUATION OF RECOVERY RATE IN COVID-19 PATIENTS TREATED WITH STEROIDAL DRUGS
Type of the Article	Case study

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</p> <p>1) I suggest removing or updating data, deaths are already over 5 million: "has spread to 210 countries and infected 73 million people worldwide, reached over 2.42 million deaths."</p> <p>2) MISSED identified the OBJECTIVE of the work</p> <p>3) Methodology: Describe the sample better: it is necessary to succinctly write the inclusion and exclusion factors. The patients to be evaluated are classified as mild, moderate or severe form of the disease, or would be all... this has to be described in the methods.</p> <p>4) "time period of 0-10 and 11-20 days" refers to onset of symptoms, time of hospitalization ???????</p> <p>5) conclusion: "Considering beneficial effects of corticosteroids in COVID -19, prescribing steroids is safe by dose tapering continued up to 10days or hospital discharge" 10 days from what????????</p> <p>Introduction</p> <p>1) The last citation: The signal seen in this trial led most ongoing trials of corticosteroids to suspend recruitment. the work with steroids has not been suspended, so much so that you are writing one. this sentence must be rewritten or removed.</p> <p>2) add work OBJECTIVE</p> <p>Methodology</p> <p>1) number of approve of ethical committee</p> <p>2) which criteria was used to not use steroids and to use it??? the group that did not receive steroids had fewer symptoms???</p> <p>3) was the counting of days of use of corticosteroids started with the first day of hospitalization? for the first day of steroid use only? how many days of symptoms did these patients have when they started steroids? were mild to moderate or severe symptoms, how to know if the group that received corticosteroids was not more severe or less severe???</p> <p>Results</p> <p>1) in the phrase "In both males and females the recovery period from covid 19 in 5-10days, was found to be 50.8% and females 53.84% respectively." – the recovery period is since initial symptoms or since internment ??? a parameter is necessary.</p> <p>2) I suggest joining the tables, putting only two tables (one for recovery and one for death) placing the cases treated with and without corticosteroids in paired columns. The tables have errors in calculating percentages, or n (number of patients), eg in the conclusion it is mentioned that 34% of patients aged 0-10 days recovered, and what the table says would be n=34 and 46.5 %, so changing the whole conclusion, mainly that analyzing the tables</p>	

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for the total number of 18 untreated patients 66.6% recovered in 10 days... concluding that not treating is better.... you have to redo the tables and calculations to confirm the results found, because the way it is, it is not possible to conclude that using corticoids is better... another point is to place in the table the references of the first columns and rows, DAYS

and N, say if the period studied is 0 -10 (ex: days, hours??, I know they are days because I read all the work), as far as an (total number) is concerned, insert. and exemplifying the error of the tables: percentage refer to what? tab 1 - n=65 would be 100% of patients treated with corticosteroids, so 52.3% will recover in 10 days of corticosteroid use, this 46.5%??? and in the conclusion 34%, which is not a percentage in the table... and in table 3 the calculation is totally different..

You say in the conclusion "The percentage of recovery in 0-10days and 11-20 days time period using steroids was found to be 34 and 27% respectively. The percentage of recovery in 0-10 days and 11-20 days time period without using steroid was found to be 18 and 8% respectively", but the tables not say this...

3) Table 4- IT IS NOT A TABLE !!!!! is not necessary, a phrase can exemplify the result

4) you say: "Among 100 cases a total of 27 patients were treated without using steroids and all were recovered 20 days without any death cases." But in table 3 – two patients recovery in 30-40 days ?????

5) Table 6- wich used corticosteroids????

Discussion

1) review data from the results and it was not this total of recovery in 20 days but in 30 days

"Among 100 cases a total of 73 patients were treated with steroids in which 65 patients were recovered in 20days that is 88.8% of patients and 8 patients died that is 10.94% of patients. Among 100 cases a total of 27 patients were treated without using steroids and all were recovered in 20 days without any death cases. The percentage of recovery in 0-10days and 11-20 days time period using steroids was found to be 34 and 27% respectively. The percentage of recovery in 0-10 days and 11-20 days time period without using steroid was found to be 18 and 8% respectively"

Conclusion

1) Firstly, corticosteroid dosage was not studied at any time, or that it was used in ventilation and severe cases (it was understood, not discussed) so this aspect is not included in the conclusion, I suggest redoing the conclusion by answering the work question (the objective of the work - which was not described either)



"dosage tapering was seen where initially 8mg was prescribed and then tapered to 6mg and 4 mg. Considering the adverse and side effects of corticosteroids and also its beneficial effects against acute respiratory syndrome, dexamethasone was prescribed mostly in severe cases on ventilation and on O2 support. Dexamethasone should be continued for up to 10days or until hospital discharge, whichever comes first."

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<p>Minor REVISION comments</p>	<p>Abstract 1) in this case do not put acronym but describe “NSAIDS” 2)results:fix “leadtolunginjuryandmultisystemorgandysfunction.lthasbeenproposedthatthepotent” typo “Recovery%”- write the word percentage Introduction 1)UK-based- write the meaning of the acronym 2) 6 mg/d write the word day Results 1) Table 1. And table 2, The percentage decimal must be adjust, one or two number after comma. 2) the title of figure 5 was wrong “Fig. 5: Recovery Period in patients treated with steroids “ is the recovery period in patients treated with and without steroids. 3) in table 5 - 16.666 and Below table 5 – “ 77.0884%” just two number after comma Discussion Aamong- orthographic error 59 (92.1) patients , put the percentage signal</p>	
<p>Optional/General comments</p>	<p>Work has no objective description. Percentages of results need to be revised and rewritten (discussion and conclusion results).</p>	

PART 2:

	<p>Reviewer’s comment</p>	<p>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>
<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>	

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