



SDI Review Form 1.6

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_60608
Title of the Manuscript:	Factors Associated with Adherence to Medication among Chronic Obstructive Pulmonary Disease Patients in Tertiary Care Hospital of Nepal: A cross-sectional 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:

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



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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>Study design: study vs. data collection period is not demarcated; was data collected for 6 months?</p> <p>Data quality assurance: there is no information on who was involved in data collection, whether training, supervisions or checking was done.... Cite Medication adherence tool by Morisky (page3)</p> <p>Statistical analysis; the statement "The normality test was performed for numeric variables using the Shapiro-Wilk test..."which continuous variables were tested for normality? Student t-test (2 sample) is meant for quantitative outcome variable which I could not see in your work. Generally, your plan to apply this statistics is not appropriate.</p> <p>Also revise line 4 of your statistical analysis section. Chi square is not a test statistics for differences. It is a test of independence or association.</p> <p>Table 5 does not show appropriate relation/difference among the variables. To assume mean difference is not appropriate here. Your dependent variable is just a proportion of patients skewed to either end which violates the normality assumption in t-test or f- tests. You have no specific numerical score for each participant out of a simple 0 to 4 MGLA scores. Neither are the independent variables falls to qualify for independent sample t-test. Better is to remove it and proceed with chi square statistics.</p>	
Minor REVISION comments	<p>The statement "Medication adherence was statistically significant with....." at page4 needs to be rephrased.</p> <p>Discussion requires language and punctuation revision (line 2: remove 'in', insert comma next to 'in contrast to our finding..' in paragraph 2., fragment last sentence in paragraph 2,</p> <p>All legends and captions should be complete and comprehensive to tell about population, setting and sample size</p>	
Optional/General comments	<p>Overall, the paper is informative and well written. It however, requires minor revision for language and punctuation.</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)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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