

## Review Form 1.6

Journal Name:	<a href="#">Journal of Pharmaceutical Research International</a>
Manuscript Number:	Ms_JPRI_80482
Title of the Manuscript:	FREQUENCY OF SPOT URINE PROTEIN:CREATININE RATIO AND 24-HOUR URINARY PROTEIN IN TYPE 2 DIABETES MELLITUS PATIENTS
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**

	<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><b>Abstract:</b> There is no introductory part in this abstract to give us a background of the study.            Materials and methods- what sample does the 2mls represent.            Keywords- There was no mention of microalbuminuria in the abstract but it was added as a keyword. Could the definition be put immediately after that of significant proteinuria?</p> <p><b>Introduction:</b> The 3<sup>rd</sup> sentence in the first paragraph should have the ending word "as" removed.            Sentence 3, paragraph 2 has a typo error. It should read " While, on the hand, some clinicians also use random collection of urine sample called "spot" urine sample and some also use urine specific gravity for determination of a ratio".            The definition of microalbuminuria on page 3 and 4 should be referenced.            Numbers should not begin a paragraph, rather, change into wordings.            In areas where 24 hour is written, there should be a hyphen between 24 and hour.            Fagerstrom and colleagues observed that albumin excretion is much more throughout the day when it was expressed as a ratio to creatinine than overnight.(page 4, paragraph 2, sentence 4)            The last sentence under introduction on page 4 should read "The study aims to establish the utility of voided spot urine samples for detection of proteinuria as a credible and time saving method". It is "voided spot urine rather than "spot voided urine".</p> <p><b>Patients and methods:</b> How was the 2ml urine sample collected? What container? Were there special precautions taken?            What was the random urine sample of 5mL collected on the next day any time just before the analysis and after completion of 24 hour collection used for?            This study lasted for 6 months and HbA1C was done only once in the study; ideally this should be done every 3 months to be sure of the glycaemic control.</p> <p><b>Results:</b>            The average creatinine is a single value, compared to the average values derived for 24-hour urinary protein and spot urine protein evaluation. Is that the only value derived during analysis?            The table of results should be moved from the Appendix to the results section so</p>	

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	<p>it would be easy to follow your results that was written in prose. Table 1: Was there any abnormal protein: creatinine ratio? What was the value? Figure 1 needs to be well labelled.</p> <p><b>Discussion:</b> The 1<sup>st</sup> sentence of the 2<sup>nd</sup> paragraph on page 7 needs to be referenced. Page 8, paragraph 1, sentence 3, Cousin marriages are consanguineous marriages. Diseases associated with this are inherited in an autosomal recessive fashion. However, many of the associated conditions listed here are of polygenic inheritance. Could the limitation in collecting urine sample in females explain the small number with positive results?</p> <p><b>Conclusion and recommendation:</b> Part of your recommendation should state that patients with Type 2 diabetes should be screened at at diagnosis and yearly thereafter.</p>	
<b>Minor</b> REVISION comments	<p><b>Patients and methods:</b></p> <p>Please, correct areas where there are 10<sup>st</sup> to 10<sup>th</sup> . Please correct typo error on page 5, paragraph 2 sentence 1. Please, correct typo error on sentence 1, page 6 to read " Effect modifiers were controlled through stratification of age, gender, HbA1C and applied chi square test taking <math>p \leq 0.05</math> as significant". Correct other typo errors in the article. There is need to add more to the discussion section.</p>	
<b>Optional/General</b> comments	<p>It is an informative study.</p>	

**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>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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