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| Book Name: | [**Medical Science: Recent Advances and Applications**](https://bookstore.bookpi.org/product/medical-science-recent-advances-and-applications-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_5796** |
| Title of the Manuscript:  | **MyACR: A Point-of-Care Medical Device for Determination of Albumin-Creatinine Ratio (uACR) in Random Urine Samples as A Marker of Nephropathy** |
| Type of the Article | **Book Chapter** |

**Special note:**

**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**Diagnostics, 14(16), 1702, 2024.**

**Available:** [**https://doi.org/10.3390/diagnostics14161702**](https://doi.org/10.3390/diagnostics14161702)

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| PART 1: Comments |
|  | Reviewer’s comment**Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | **Determination of uACR is definitely a costly procedure and we do not suggest uACR until the patient presents with 3rd stage of CKD. The present study is cost effective and it can help a great population from developing CKD by screening and checking with this POCT method. We can save many lives by using this user friendly technique.** In overall , the work done by the team is commendable and I hope it is authenticated and marketed soon. |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | **I think the title could be modified . Instead of mentioning as My uACR we could have a title as Quantification of uACR by POCT and its comparison with other analytical methods for easy detection.** |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | **The abstract of the article is well defined. The specificity of the method is not mentioned in the abstract which is essential.**  |  |
| **Is the manuscript scientifically, correct? Please write here.**  | **Yes , the manuscript is scientifically correct. I would like the authors to mention the references for the calculation of creatinine and albumin . Creat – (A – intercept/slope )x dilution factor…Reference. Similarly for albumin and for uACR. Further more in fig 3.11 in the calibration curve for albumin, the concentration of albumin is expressed as mg/l which is actually mg/dl.**  |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | **Yes , references are fine. I have already asked for the additional references as stated above.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | **The presentation has been adhered to good English , There is no grammatical mistakes. But in the conclusion part, the second last like it is mentioned as CDK instead of CKD that needs to be corrected.** |  |
| Optional/General comments | **Overall the article is good . It has opened an avenue to screen CKD at the earlier stage . I hope the research scholars could find a POCT device to measure uPCR which is comparably cheaper than uACR.** |  |

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| **PART 2:**  |
|  | Reviewer’s comment | Author’s comment *(if agreed with the 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?**  | *(If yes, Kindly please write down the ethical issues here in detail).* |  |

**Reviewer details:**

**Vijaya Srinivasan, Sri Ramachandra University, India**