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| Book Name: | [Pharmaceutical Science: New Insights and Developments](https://www.bookpi.org/bookstore/product/pharmaceutical-science-new-insights-and-developments-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_** **4009** |
| Title of the Manuscript:  | **Evaluation of statin utilization in the Republic of Macedonia during 2013–2016** |
| Type of the Article | **Book chapter** |

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| PART 1: Comments |
|  | Reviewer’s comment | 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.** | This manuscript provides valuable insights into the utilization patterns of statins in the Republic of Macedonia from 2013 to 2016. By highlighting potential areas for improvement in statin use, it contributes to optimizing evidence-based practices for cardiovascular disease prevention and management. The findings can serve as a benchmark for other countries to evaluate their statin utilization and promote rational prescribing practices. Additionally, the study underscores the importance of continuous drug utilization monitoring to enhance healthcare outcomes and resource allocation. |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | **Yes**  |  |
| 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. | **Yes**  |  |
| **Is the manuscript scientifically, correct? Please write here.**  | **Introduction** * Content is extensive, and some parts (e.g., global trends and statistics unrelated to Macedonia) could be streamlined to maintain focus on the study's context.
* The paragraph contains excessive detail on global market trends and regulatory measures in other countries, which might dilute the focus on Macedonia.
* Some points, such as the economic burden of statins and their effectiveness, are repeated, which can be streamlined.
* Some references are vaguely cited (e.g., "clinical studies have confirmed"). More specific citations would strengthen the claims.

**Material & Methods** * Each component (data collection, measurement units, pricing calculation) could be presented in separate, concise paragraphs to enhance readability.
* Pharmaceutical industry data might lack full transparency. A justification of the reliability and validity of these sources is necessary.
* The assumption that DDD represents the average maintenance dose per day needs acknowledgment of its limitations, such as variability in prescribing practices or patient-specific adjustments.
* The authors did not explain whether currency exchange rate fluctuations over the study period were considered or how they might impact the results.
* What is the rationale for selecting this specific period (2013–2016)? Was it due to data availability, policy changes, or other factors?
* There is no mention of the statistical methods used for analyzing trends or differences in utilization or pricing. This omission limits the reader's understanding of the rigor of data analysis.

Results * The results lack rigorous statistical analysis to validate the trends and compare groups meaningfully. For example: Are the differences in expenditures across years statistically significant?
* Streamline the results section to focus on the most significant trends and their implications, using subheadings for clarity.
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| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | **Yes**  |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes  |  |
| Optional/General comments |  |  |

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| **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?**  | ***(If yes, Kindly please write down the ethical issues here in details)*** |  |

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| **Reviewer Details:** |
| **Name:** | **Dinesh Kumar Meena** |
| **Department, University & Country** | **St John’s Medical College and Hospital, India** |