



SDI Review Form 1.6

Journal Name:	Journal of Advances in Medical and Pharmaceutical Sciences
Manuscript Number:	Ms_JAMPS_43113
Title of the Manuscript:	Effect of Ocimum gratissimum leaf Extract on Lipid Profile of Experimentally Induced Prostatic Hyperplasia Animal Model
Type of the 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.

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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	The present work is a scientifically sound piece of work where the authors have examined the effect of OG extract on BPH induced by testosterone and estradiol. Work is well performed and needs an appreciation, yet some modifications are required and authors need to respond on certain points where the manuscript looks weak. The authors have overlooked some of the very important references similar to their lines of work. Although the authors have cited some references wherein such studies are performed but many studies are missing which should have been a part of the introduction section of these manuscript. I would suggest the authors to include a separate para in introduction stating the previous studies done on phytoconstituents and herbals in this area. Some of the references to be included in this context are as follows: Evaluation of 5α-reductase inhibitory activity of certain herbs useful as antiandrogens. Andrologia, 46: 592-601. <i>Ganoderma lucidum</i> is an inhibitor of testosterone induced prostatic hyperplasia in rats. Andrologia, 44 Suppl 1: 160-174. Protective effects of <i>Echinops echinatus</i> on testosterone-induced prostatic hyperplasia in rats. European Journal of Integrative Medicine, 4: e177-e185. Effect of <i>Benincasa hispida</i> fruits on testosterone induced prostatic hypertrophy in albino rats. Current Therapeutic Research- Clinical and Experimental. 71 (5), 331-343 Incorporation of above section with relevant references will help readers reach out to other aspects/mechanism of management of this disease. This will make the manuscript more informative for the readers and improve the quality in terms of content and literature. Section 2.1 Provide the voucher specimen number or plant identification number which has been listed at the Department of Biological Sciences, University of Calabar. Section 3.0 Line 73-74. Grammar check needed. Author please see. Section 3.1 Line 84. Use a degree sign instead of a superscripted zero. The protocol approval number from the animal ethical committee should be mentioned in the manuscript. Section 2.3.2 Line 92. Correct formatting mistakes The animal groupings and treatments need to be mentioned more clearly. I would ask the authors to include a tabular representation in this section indicating the specific treatment on specific days of experiment. The body weight decrease in the BPH control group needs an explanation. If BPH is induced, the body weight should increase theoretically as the prostate weight will increase in BPH. Same with treated groups where the body weights should decrease in treatment with drugs and finasteride when compared to the BPH control group. Instead the authors are advised to calculate the prostate/body weight ratio P/BW ratio. Authors can follow the above mentioned references (suggested for inclusion in the introduction) and ref no. 1 and 2 of this manuscript for details of the P/BW ratio and how it is very useful and uniform parameter for such studies on BPH. The present Table 1 gets a modification accordingly after applying this new parameter. Provided the above mentioned changes/ modifications are done in the revised manuscript, the manuscript can be reconsidered after a major revision.	A paragraph include in the Introduction on phytoconstituents and herbals in this area in page 3 line 50-66 with list of references in page 13 line 282-310 Voucher specimen number provided in Page 4 line 77-80 Grammar checked and corrected Page 3 lines 74-75. Corrected in page 5 line 104 Corrected in page 5 lines 104-106 Corrected Table added in 6 After induction of BPH there was a decline in the animals' appetite which resulted to weight loss. That was the observation during the course of this study. P/PW ratio has been calculated and included. Now in Table 2 page 7 lines 143 – 145. Modification has been done.
Minor REVISION comments	NIL	
Optional/General comments	NIL	