

Review Form2

Book Name:	Disease and Health Research - New Insights
Manuscript Number:	Ms_BPR_1808
Title of the Manuscript:	Impact of Hyperthyroidism on Heart Disease: A Systematic Review
Type of the Article	Book Chapter

PART 1: Review Comments

<u>Compulsory</u> REVISION 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 few sentences regarding the importance this manuscript for scientific community. Why do you like (or dislike) this manuscript? Minimum 3-4 sentences may be required for this part.	The manuscript critically reviews the literature that report the impact of hyperthyroidism on heart disease. The clinical impact of the chapter on junior and non-specializing physicians is expected to be good. The prevalence of heart disease, and to a lesser extent hyperthyroidism, add to the significance and need for the chapter.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title is appropriate for the article.	
Is the abstract of the article comprehensive? Do you suggest addition (or deletion) of some points in this section? Please write your suggestions here.	The abstract is comprehensive, however, I suggest that the names presented on the abstract, Azzini et al, be deleted. The important messages from the manuscript should be also briefly presented.	
Are subsections and structure of the manuscript appropriate?	Yes	
Please write few sentences regarding the scientific correctness of this manuscript. Why do think that this manuscript is scientifically robust and technically sound?Minimum 3-4 sentences may be required for this part.	The manuscript is useful and easy to understand. However, I would suggest that the authors add some details about the mechanisms of the interaction between thyroid hormones and catecholamines. They mention increased sensitivity to catecholamines and receptors, but ignore the effects of thyroid hormones on the level of cAMP “the active product of catecholamines” and how it is increased by thyroid hormones which inhibit the degrading enzyme phosphodiesterase. This might have implications on adrenergic blocker drug therapy, e.g., bisoprolol doses.	
Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. :	References are sufficient and recent, but could be increased to improve the pathophysiology and mechanisms, as suggested above.	

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Minor REVISION comments Is language/English quality of the article suitable for scholarly communications?	Yes	
Optional/General comments	-Inclusion criteria should specify the range of years for selecting the articles. -Overweight and obesity in adolescents produced 4490 articles but were not mentioned as key words. This might imply that all articles are limited to adolescents who are overweight? Clarification is needed -Some numerical confusion is noted on the table: n=1225 after removing duplicates, goes up in the next step to n=3265 -All selected articles are literature review articles -Standardise font size and format -Improve table 1 by giving more specific comments on measured results and conclusions	

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)	

Reviewer Details:

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