

Review Form 3

Journal Name:	Cardiology and Angiology: An International Journal
Manuscript Number:	Ms_CA_129984
Title of the Manuscript:	Can AAS-Induced Cardiac Dysfunction Be Reversible?
Type of the Article	Letter to the Editor

PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
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.	Athletic heart is an important and unique conditions that provides us knowledge about both physiologic and pathologic response of the heart to the excess and prolonged hemodynamic demand. In recent decade use of complementary supplement (maybe approved or illicit ones) has become an increasing behavioral fashion not only in elite athletic but also in many young beginner person. Each drugs side effect on the cardiovascular system lonely and in combination with each others are an essential field that should be studied and informed the users about these maybe irreversible side effects. Anabolic androgenic steroid is one of the most interesting drugs specially for young men for building their body appearance muscular and more strong in cost of many cardiovascular side effect. It seems that any study in this field is absolutely worthwhile.	
Is the title of the article suitable? (If not please suggest an alternative title)	As I'm explaining in next questions, due to different method of considered studies in these manuscript, judgment about reversible vs irreversible effect of AAS maybe not true according documented study. Probably a modified title is more appropriate according considered studies.	

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<p>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.</p>	<p>As this manuscript is a letter to editor abstract part isn't a necessity.</p>	
<p>Is the manuscript scientifically, correct? Please write here.</p>	<p>Honestly, no! The author compare a lot of studies that almost completely different in patients approach. Firstly most patients that almost completely reversed cardiovascular complication had severe LV systolic dysfunction in compare with preserved or mild LV systolic dysfunction in the studies that judge as irreversible effect. Second, in the studies that concluded as reversible cardiovascular effect of AAS all patient had received guideline directed medical treatment(GDMT) both pharmacological treatment and others such as AF rhythm conversion to sinus rhythm, in compare with the no GDMT in studies that concluded as irreversible. Third, the effect of concomitant use of other illicit drugs , specially amphetamine and cocaine use that has severe side effects on cardiovascular system should be discussed in reversible and irreversible studies and according that in all concluded studies these effect didn't completely discussed , in the studies that concluded this important problem, can explain it as an important item. Forth it's better to explain LVEF and LVGLS separately in reversible studies because while LVEF has widely clinical use but LVGLS is a determining aspect of subclinical myocardial damage and dysfunction, that maybe didn't become completely normal in AAS users as considered in some studies. Fifth, in one concluded study cardiac MRI in opposite of echocardiography showed similar pattern of LVEF in current, former and non AAS users while in the manuscript considered as irreversible study. As a reason that cardiac MRI can predict LVEF more precisely than echocardiography it is concluded in this manuscript. As a result of all above points the discrepancies that comes in the last part of manuscript should be written again precisely and fairly.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>Yes, it's good.</p>	
<p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>Yes</p>	
<p>Optional/General comments</p>	<p>Although this topic is a hot topic and interesting subject, but both title and manuscript should be corrected. I think that the author has enough capability to be more honest and precise. Maybe his/her judgment is a bit hurried conclusion. I wrote some helpful points that should be considered in some studies as comments in the manuscript and attach it in the email to you, I'd highlighted them in different color for more comfortable access. But be aware that it's some points not all considering points. PLEASE SEE ATTACHMENT</p>	

PART 2:

	<p>Reviewer's comment</p>	<p>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)</p>
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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