

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.	This manuscript holds significant importance for the scientific community as it addresses the critical issue of cardiac dysfunction associated with anabolic-androgenic steroid (AAS) abuse, a growing concern in both athletic and non-athletic populations. By synthesizing evidence on the reversibility of AAS-induced cardiac damage, it provides valuable insights into the potential for recovery and highlights the importance of early detection and intervention. Moreover, the discrepancies among reported outcomes underscore the need for further research to elucidate factors influencing reversibility, such as cumulative dosage, duration of abuse, and individual susceptibility. This work emphasizes the necessity of multidisciplinary collaboration in managing and mitigating the cardiovascular risks associated with AAS use, paving the way for more targeted and effective clinical strategies.	
Is the title of the article suitable? (If not please suggest an alternative title)	This title does suffice the information. However, if you want me to provide my suggestions- that would be "Cardiac Dysfunction and Recovery After Anabolic-Androgenic Steroid Abuse: Is Reversibility Possible?"	
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.	Clearly state the primary objective of the manuscript in the abstract, such as evaluating the reversibility of AAS-induced cardiac dysfunction based on current evidence. Although this is not a research study, mentioning that the manuscript synthesizes findings from case reports and observational studies would add clarity to its approach. Ensure that both reversible and irreversible outcomes are balanced in the abstract. Provide specific examples, such as the recovery timelines and persistence of cardiac damage. Conclude with a statement on the clinical or scientific implications of the findings, such as the need for further research or the importance of early intervention	
Is the manuscript scientifically, correct? Please write here.	Expand briefly on mechanisms (e.g., fibrosis, remodeling) underlying irreversible damage, if relevant data are available.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Add references regarding Mechanistic studies on fibrosis and myocardial remodeling. Studies evaluating outcomes beyond the six-month to eight-month recovery period could offer insight into the durability of observed reversibility.	

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Is the language/English quality of the article suitable for scholarly communications?	"Conversely, some authors have reported that, following an appropriate diagnosis of cardiomyopathy, cessation of AAS use, and initiation of clinical pharmacological treatment, the deleterious morphological and functional effects may be reversible to normal parameters." Suggested Revision: "Some authors have reported that cessation of AAS use, combined with appropriate diagnosis and pharmacological treatment of cardiomyopathy, may reverse the deleterious morphological and functional effects to normal parameters." "This underscores the importance of a close cardiological follow-up, aiming early detection of alterations, and appropriate therapeutic management in individuals exposed to these compounds." Suggested Revision: "This highlights the need for close cardiological follow-up to enable early detection and appropriate therapeutic management in affected individuals."	
Optional/General comments	The manuscript is a valuable contribution to the field, addressing an important clinical question. However, it would benefit from a deeper exploration of mechanisms, inclusion of broader evidence, and refinement of language and structure. By addressing these points, the manuscript could significantly enhance its impact and utility for both clinical and academic audiences.	

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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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