December 14, 2021

Jin-Lei Wang

Company Editor-in-Chief, Editorial Office

Baishideng Publishing Group Inc

7041 Koll Center Parkway, Suite 160,

Pleasanton, CA 94566, USA

Dear Dr. Wang,

Thank you for your expert review of our manuscript. We have been able to comply with all reviewer requests for revisions and hope you find our manuscript acceptable for publication. Itemized responses to reviewer and editorial requests are listed below.

Sincerely,

Michael Blaivas, MD, MBA, FACEP, FAIUM
Professor of Medicine, Affiliate
University of South Carolina School of Medicine
Vice Chair, AIUM Artificial Intelligence Section
Founder and Past President, Society of Ultrasound in Medical Education
Past Vice President, American Institute of Ultrasound in Medicine
Founder and Past President, WINFOCUS
Deputy Editor, Journal of Ultrasound in Medicine
Founder and Inaugural Editor-in-Chief, The Ultrasound Journal
Past Board Member, World Federation of Ultrasound in Medicine and Biology
Past Chair, ACEP Ultrasound Section
Department of Emergency Medicine
St. Francis Hospital, Columbus, Georgia

Reviewer #1:

Scientific Quality: Grade B (Very good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Accept (General priority)

Specific Comments to Authors: This study is well organized the topic is timely. The authors have proposed a very interesting study about to visually estimate left ventricular ejection fraction from a public database of actual patient echo examinations

and compare results to echocardiography laboratory EF calculations. This study can be accepted in its current form, with specifically revising the concept of ML to DL through the whole manuscript. Since the authors has used deep learning not a machine learning algorithm.

-Thank you for your suggestion. we have changed ML to DL throughout.

Reviewer #2:
Scientific Quality: Grade C (Good)
Language Quality: Grade B (Minor language polishing)
Conclusion: Minor revision
Specific Comments to Authors: The article is within the scope of the journal, and the topic described is of great interest. It is well written and structured. And it is easy to read. The design of the experiment is correct and the results obtained are interesting for the area of knowledge and represent an advance in the problem described. To improve the article, two suggestions are made: a) Extend the conclusions section and establish a set of lines of future work. b) Extend the introductory section in order to go deeper into the state of the art.

-Thank you for these suggestions. We have extended the conclusions section and added a line about future work. Additionally, we have added 11 lines of text in the second to last paragraph of the introduction, going deeper into the state of the art.

-We have put all four figures into power point, only one had any movable or adjustable text. The rest do not have text that we are able to manipulate.

-We have adjusted the single table as instructed above.