Response to Reviewer 1 Comments

Effective telemedicine requires choosing appropriate indicators of deterioration in heart failure patients, such as body weight, blood pressure, oxygen saturation, and heart rhythm, as demonstrated by several studies.
In discussion section, it's important to discuss that **(1)** such indicators need to monitor plus

Response 1: We thank very much th Reviewer for the valuable comment. We added the discussion of thiese indicators in the manuscript (lines 346-348).
[…] "As already demonstrated in HF [68,69], telemonitoring variables such as body weight, blood pressure, oxygen saturation, and HR may impact the prognosis even for critically ill ACHD patients.".

(2) if similar nature of indicators of other participant's data may available for better and quick diagnoses which is need to telemedicine too.

Response 2: Again we thank very much the Reviewer for the comment. We added this discussion in the manuscript (lines 348-352).
[…] "Current advancements in TM devices have enabled further evaluation of variables like cardiac index, cardiac output, stroke volume, and systemic vascular resistance. In com-plex ACHD patients who chronically suffer from low blood oxygen saturation and low blood pressure, these particular assessments may anticipate the patient's decompensa-tion and promote preemptive measures".

Telemedicine can provide personalized and closer surveillance of high-risk ACHD patients' hemodynamic parameters, improving their quality of life but **(3)** in-depth usage of user-facing technologies and patient history maintenance and connectivity with related databases and predictions system may produce improved results. Need to consider this in the discussion section.

Response 3: We thank the Reviewer for the comment. We now considered this in the discussion paragraph (lines 353-355).
[…] "Moreover, the use of advanced technologies, attention to patient history, connec-tivity with dedicated databases, and prediction systems may impact outcomes, im-proving the quality of management and ultimately helping to save lives".

Overall it's a well-explanatory article.
We thank very much the Reviewer for all the valuable comments. We think the revisioned manuscript considerably improved.