

Responses to reviewers

Reviewer:

#1, By far, pain-related behavior observation is still the main method for grading a patient's extent of suffering, but its interpretation can be influenced by numerous factors, such as age, dementia, healthcare professional's cognitive bias and patient motivation". Is this an assumption by the author or an established fact? If these are established fact we need references

Answer: Thank you very much for your review, and your meticulous work is admirable. I have modified it to a more appropriate description and highlighted the revised contents with yellow color in the revised manuscript (By far, pain-related behavior observation is still **one of** the main method for grading a patient's extent of suffering, but its interpretation can be influenced by numerous factors, such as age, dementia, healthcare professional's cognitive bias and patient motivation). It is my inference based on literature reports, and the references have been added (**number 6 and 9**).

2#, The spelling of "benefitted" will be benefited.

Answer: I have corrected the spelling and highlighted the revised contents with yellow color in the revised manuscript. Thank you again for your meticulous work.