**Reviewer’s report**

**Title:** Supervised and home-based physical exercise in patients newly diagnosed with multiple myeloma – a randomized controlled feasibility study

**Version:** 0  **Date:** 24 Jul 2019

**Reviewer:** Anna Campbell

**Reviewer's report:**

This is a relevant contribution to the field of exercise oncology, addressing a cancer population that has been under-researched - Multiple Myeloma (MM) The study is novel in examining the feasibility of a partially supervised, partially home based exercise intervention with NEWLY DIAGNOSED MM patients. It also provides and tests out a novel methodology for screening bone disease in order to evaluate and adjust the exercise testing if necessary.

The hypothesis, methodology and results in the paper are comprehensively and appropriately detailed. The percentage values for acceptance, attendance and adherence to the intervention clearly suggest that an exercise intervention near to time of diagnosis is feasible for many but not all patients with MM (high attrition rate).

The authors mention that there was a very careful assessment of bone status which resulted in successful inclusion of patients with BD. In the methods there is a brief description of components of this systematic assessment to determine restrictions regarding the physical tests and exercise. Some additional information and / or examples to show how the assessments led to decisions on which restrictions were decided and implemented and what impact this had on test and exercise prescription would be of interest to readers.

The screening and monitoring for adverse events during the intervention and the exercise testing suggest that the testing and intervention was safe even in newly diagnosed older MM patients and in patient with bone disease

**Level of interest**

Please indicate how interesting you found the manuscript:

An article of importance in its field

**Quality of written English**

Please indicate the quality of language in the manuscript:

Acceptable
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