

Review of: "Contraindications to Intermittent Pneumatic Compression: Between Lines of Recommendations"

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Potential competing interests: No potential competing interests to declare.

Dear author, the topic of the manuscript is quite interesting, since in the next weeks I should write a justify for the ethical committee about the safe use of intermittent cuff intervention.

I have the following suggestions for your manuscript:

Abstract – present the necessity to understand the use and the risks (or not) of cuff intervention for blood flow occlusion. Regarding manufacturer recommendations, I think that, off course in most of the cases, they will writ positive recommendations of safety use, based on non-scientific data. Thus, please consider to state suggesting to the readers to avoid only the manufacturer's recommendations.

Introduction

The first paragraph is the same as abstract; please, change this part.

Also, the authors have written: "When exploring the contraindications for intermittent sequential pneumatic compression (ISPC), doctors should follow the manufacturer's recommendations for a specific pneumatic compression".

I do not believe that using manufacturer (as I stated above) is the best choice. For example, the width of cuffs, applied pressure and time to use are the most important parameters, as well as the patient who undergone the intervention.

This entire paragraph as well the rest of manuscript lacks of adequate references in the proper places. The table has references for each column, but makes no sense.

There are 53 references in the end of the text but they did not appear alongside the manuscript.

Considering that the topic is relevant for the sports sciences, sports medicine and clinical settings, I would like to suggest the authors:

To align the objectives with the conclusion;

To write the section using the adequate references and citing each on in the respective sentence;

To make a figure to highlight the positive and negative effects, as well as an statement of protocol for cuff administration;

