

Review of: "Effect of low-level light therapy in patients with dry eye: a prospective, randomized, observer-masked trial"

matthieu Randon

Potential competing interests: The author(s) declared that no potential competing interests exist.

It is interesting to do a prospective randomized study to evaluate this type of treatment.

The LED-LLLT should have an impact on the Meibomian glands. I do not understand why the patients suffering from blepharitis were excluded from the study.

In table 1, the primary endpoint (FCS) was different between the two groups.

I am not sure that this primary endpoint is well chosen. What about the MGD evaluation or the OSDI ?

In table 2, the FCS difference is not significant. You should have stopped there. The table 4 is not in the statistical protocole.

In the discussion, you stated that LLLT has decreased the dry eye symptoms. In fact, the OSDI were not different between the two groups.

Also in the discussion, you try to explain the biomechanisms of LLLT. This is not very understandable and precise.

I would be happy to study the imagery of the meibomian glands with in vivo confocal microscopy to better apprehend the LLLT effect.