

# Review of: "[Case Report] Profound Symptom Alleviation in Long-Covid Patients After PAMP-Immunotherapy: Three Case Reports"

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Potential competing interests: No potential competing interests to declare.

**Title** - [Case Report] Profound Symptom Alleviation in Long-Covid Patients After PAMP-Immunotherapy: Three Case Reports

The three case reports are interesting and, if this PAMP therapy is substantiated in the future by an approved clinical trial, it may represent a therapeutic hope for a chronic condition that, for now, lacks any kind of suitable treatment.

That being said, some clarifications are needed before the manuscript is suitable for publication.

1) Where did this definition of post-COVID condition come from? No source was cited. Why didn't the authors use the WHO's definition? <https://www.who.int/europe/news-room/fact-sheets/item/post-covid-19-condition>

2) In this sentence "The incidence can be subdivided depending on vaccination status and age at infection: LC afflicts 10-30% of non-hospitalized cases, 50-70% of hospitalized cases (mostly elders), and 10-12% of vaccinated cases.", a reference is missing.

3) "Symptoms can last for years and may even be lifelong [3]." I think this statement is a bit exaggerated since only four years have passed since the first cases of COVID appeared.

4) In this sentence "Causal hypotheses include immunological effects such as persistent latent infection [4] and/or autoimmune disease trigger.", a reference is missing for the last part of the sentence – "and/or autoimmune disease trigger".

5) The Case Report 3 patient did not have COVID? If so, this case does not fit within the WHO post-COVID definition.