

## Peer Review File

Article Information: <https://dx.doi.org/10.21037/acr-22-33>

**Comment 1:** The title should contain information on the research design clearly regarding the literature review.

**Reply 1:** Thank you for your comments. We agree and have changed the wording. Hopefully this offers a more precise title.

**Changes in the text:** Title has been amended to “Parsonage Turner Syndrome after Cervical Trauma and COVID-19 Infection: A Case Report and Review of the Literature.”

**Comment 2:** Bilateral shoulder onset can be rare, but there have been several case reports in the past. The authors should refer to the following articles to say the rarity.

**Reply 2:** Thank you for your comments. We especially appreciate the direction toward literature specifically about bilateral Parsonage Turner Syndrome. We have included these studies and their information on bilateral presentations in our manuscript.

**Changes in the text:** “Although there have been some prior reports, bilateral PTS is a very rare presentation.”

**Comment 3:** All of the abbreviations should be spelled out in the whole manuscript.

**Reply 3:** Thank you for your comments. We have spelled out all of the abbreviations.

**Changes in the text:** All abbreviations within the text were spelled out excepting COVID-19, NSAID, PCR as we felt those were fairly self-explanatory.

**Comment 4:** This manuscript should include the article-reviewing process as a method section because the title contains “literature review.”

**Reply 4:** Thank you for your comment. We have included a method section that details our literature review process.

**Changes in the text:** A methods section has now been added.

**Comment 5:** In the discussion, the first paragraph should contain a summary of the results. The discussion should describe the research findings in international contexts. As the same as the background, this is a critical point for the publication of international journals.

**Reply 5:** Thank you for your comments. We agree, COVID-19 has unearthed a rare condition globally. Our literature review includes studies from around the world. We have emphasized this within our manuscript. We have also included a summary of the included studies from the literature review.

**Changes in the text:**

**Background** – “The COVID-19 global pandemic has brought to light the otherwise relatively rare condition of Parsonage Turner Syndrome. Prior reports of Parsonage Turner associated with COVID-19 have been reported around the world.”

**Discussion** – “The global pandemic caused by COVID-19 caused a rise in reported cases of Parsonage Turner Syndrome. A literature review of COVID-19-related Parsonage Turner Syndrome included case reports and case series from Germany, Italy, Chile, Kuwait, and the United States of America. Although the review revealed rare presentations of Parsonage Turner Syndrome, it was found that overall, similar management was employed. Diagnosing COVID-19 related Parsonage Turner Syndrome is diagnostic. However, electromyographic studies, Magnetic Resonance and Ultrasonographic studies may be used as well. Steroids and NSAIDs are used in the acute setting in the management of COVID-19 related Parsonage Turner Syndrome.”

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