

Review of: "Methotrexate Induced Lymphadenitis: A Case Report"

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Potential competing interests: No potential competing interests to declare.

- The topic is interesting, and many want to see and read about it, but it is insufficient, non-professional, unclear, and ambiguous, and scientifically lacks vigor.
- The study design/schedule is unclear. The study design could be improved by detailed explanations of and by adding some assays as mentioned at the end of this comment. Also, schematically show the design for visual clarity.
- It would have been very informative if you compared it with the healthy control.
- It should have been more specified.
- Are you sure the swelling in the cervical region is from Methotrexate? How comes?
- Any idea on which kind of lymphocytes and even subtype(s)? I would add that.
- Figure 2 is unclear in the context of where the smear is from. It should have been clearly specified and addressed.
- How were the CBC and Diff results of this case remained unnoticed? I would add and show more data related to the (para)clinical aspects of the case.
- Data shown here hardly support the results and conclusion; following additional data or analysis would strengthen the link between methotrexate and lymphadenitis as such, info related to the pharmacodynamics/kinetics of methotrexate in the body, blood cell counts (CBC), a biopsy of a lymph node, and blood differentiation (Diff), more specifically a marker (at protein or mRNA levels) showing either local or systemic inflammation in the area. There are plenty of key markers, and the authors should have known those.
- An X-ray image from the neck would also help.

Thanks.