Author's response to reviews

Title: A girl presenting with sequential appearance of erythema nodosum, erythema multiforme and Henoch-Schonlein purpura in Mycoplasma pneumoniae infection.

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Dear Editors, Journal of Medical Case reports

I am sending herewith a manuscript entitled “Sequential appearance of erythema nodosum, erythema multiforme and Henoch-Schönlein purpura in a single patient with Mycoplasma pneumoniae infection”, which I would like to submit for publication in Journal of Medical Case reports.

A wide variety of cutaneous manifestations including Stevens-Johnson syndrome, erythema multiforme, erythema nodosum, Henoch-Schönlein purpura and urticaria, are associated with Mycoplasma pneumoniae infection. However, the precise mechanisms to produce these manifestations are poorly understood. These lesions are thought to be caused by the organisms themselves but by the host response to antigens on these microbes, including immune-complex mediated injury, cytotoxic T-cell mediated immune responses, and autoimmune reactions. The variations in cutaneous manifestations of Mycoplasma pneumoniae infections can be attributed to the immaturity of the adaptive immunity of each host.

We report a case with different skin manifestations observed in a course of Mycoplasma pneumoniae infection. This indicates that skin manifestations might not be specific for each individual. Furthermore, this case also emphasizes the importance of considering Mycoplasma pneumoniae infection as a differential diagnosis in a patient with a wide variety of skin manifestations.

We believe this is a new finding to understand the mechanisms to produce skin manifestations related to Mycoplasma pneumoniae infection. Also, it is important to consider Mycoplasma pneumoniae infection as a differential diagnosis in case with a wide variety of skin manifestations.

I certify,
There are no prior publications or submissions with any overlapping information;
The work is not and will not be submitted to any other journal while under consideration by Journal of Medical Case reports;
The authors have declared no conflicts of interest.
Each author listed on the manuscript has seen and approved the submission of this version of the manuscript and takes full responsibility for the manuscript.

Yours sincerely,

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