Review Form 1.6

| Journal Name: | Journal of Pharmaceutical Research International |
|--------------------------|---|
| Manuscript Number: | Ms_JPRI_76523 |
| Title of the Manuscript: | A case report of ChAdOx1 nCoV- 19 corona virus recombinant vaccine related granuloma annulare |
| Type of the Article | |

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of 'lack of Novelty', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(http://peerreviewcentral.com/page/manuscript-withdrawal-policy)

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PART 1: Review Comments

| | Reviewer's comment | Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write |
|-------------------------------------|--|--|
| | | his/her feedback here) |
| <u>Compulsory</u> REVISION comments | This case report is interesting & useful. However, in some parts of the text, rephrasing/editing for gram./clarity is necessary [e.g., different sentences should be corrected & abbreviations should be used properly] - the suggestions are provided below [in red] – for the ABSTRACT, Case report, & CONCLUSION. The same needs to be done in the whole text. | |
| | ABSTRACT Granuloma annulare (GA) is a benign, self-limiting inflammatory skin condition of unknown origin that may occur following multiple etiological triggers. GA incited secondary to vaccinations has been rarely reported in the medical literature. The COVID-19 pandemic has introduced extensive global immunization against the SARS-COV-2 virus, which also brings along a gamut of vaccine-related complications. We elucidate a case report of the spontaneous eventuality of GA following ChAdOx1 nCoV-19 Corona Virus Recombinant Vaccine. Case report: | |
| | A healthy 28-year male presented with a one-week history of asymptomatic single, flesh-pink patch with a raised margin over his left ventral forearm. On close examination, the margin of the lesion had multiple annularly arranged papules. Biopsy of lesion was done and histopathology revealed numerous palisading granulomas in the dermis consistent with findings of localized granuloma annulare (GA). The patient was managed with high potency topical corticosteroids and the lesion showed spontaneous resolution in one month despite improper use of the topical corticosteroid. Please, clarify or delete: "despite improper use of the topical corticosteroid". CONCLUSION Identifying ChAdOx1 nCoV- 19 Vaccine-related adverse events following its first dose is paramount, as evidence of the proportion of local or systemic severe cutaneous adverse reaction (SCAR) on subsequent dosing is a paucity. A larger systematic review corroborating SCARs and safety profiles following immunization with ChAdOx1 nCoV-19 Vaccine prevails to be the need of the hour. | |
| | Case report: Please, clarify the pt's age | |
| | A 26-year-old male, otherwise healthy software professional, presented with a 1-week history of a single lesion over his left forearm. His skin lesion was neither itchy nor painful. He has no personal or family history of skin diseases. | |
| Minor REVISION comments | In some parts of the MS, rephrasing/editing for gram./clarity is necessary [e.g., some sentences should be corrected & abbreviations should be used properly]. | |
| Optional/General comments | A final statement, e.g.: Excessive preoccupation about possible adverse events can make some patients hesitant to use the vaccine, and thus, medical staff should be well-versed on this topic, to be able to educate, advise, and encourage patients to make the most accurate health-related decisions. | |
| | could be helpful. | |

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PART 2:

| | | Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here) |
|--|---|---|
| Are there ethical issues in this manuscript? | (If yes, Kindly please write down the ethical issues here in details) | |

Reviewer Details:

| Name: | Katarzyna Rygiel |
|----------------------------------|---|
| Department, University & Country | Medical University of Silesia (SUM), Poland |

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