



ISSN NO. 2320-5407

ISSN(O): 2320-5407 | ISSN(P): 3107-4928

International Journal of Advanced Research

Publisher's Name: Jana Publication and Research LLP

www.journalijar.com

REVIEWER'S REPORT

Manuscript No.: IJAR-56844

Title: A RARE CASE OF CUTANEOUS ADVERSE DRUG REACTION OF AZITHROMYCIN: A CASE REPORT

Recommendation:

- Accept as it is
- ✓ Accept after minor revision.....**
- Accept after major revision
- Do not accept (*Reasons below*)

Rating	Excel.	Good	Fair	Poor
Originality		✓		
Techn. Quality		✓		
Clarity		✓		
Significance		✓		

Reviewer Name: Dr S. K. Nath

Detailed Reviewer's Report

Strengths of the Study

- **Originality:** The case reports a rare adverse reaction (AGEP) induced by azithromycin, contributing valuable clinical insight into the spectrum of drug hypersensitivity reactions associated with this commonly used antibiotic.
- **Relevance:** Highlights a potential safety concern relevant for clinicians prescribing azithromycin, especially given its perceived safety profile and OTC availability in India.
- **Methodology:** Clear presentation of clinical features, diagnosis, management, and outcome, adhering to standard case report structure.
- **Data Quality:** Detailed case description supported by clinical photographs illustrating the skin lesions.
- **Contribution:** Adds to the limited literature on azithromycin-induced severe cutaneous adverse reactions, raising awareness among dermatologists and allergists.

Weaknesses of the Study

- **Sample Size:** As a single case report, it inherently limits generalizability.
- **Literature Review:** The discussion could be more comprehensive. It lacks a detailed review of other similar cases or the incidence rate of such reactions.
- **Diagnostic Workup:** No mention of confirmatory allergy testing (e.g., skin patch testing, drug lymphocyte transformation tests), which could strengthen causality assessment.
- **Statistical Analysis:** Not applicable for a case report.
- **Follow-up:** Limited information on long-term follow-up or recurrence risk.
- **Ethical Details:** While informed consent is mentioned, specific ethical approval is not discussed, which is typically not mandatory for simple case reports but should be clarified.
- **Formatting and Language:** Minor typographical errors and awkward phrasing (e.g., "acutegenralised" should be "acute generalized"). Some sentences could be more concise.

Reviewer Comments

- **Title and Abstract Clarity:** The title accurately reflects the content; however, replacing "of1" and "2" with proper formatting and removing redundant numbers (likely footnote markers) would

REVIEWER'S REPORT

improve clarity. The abstract succinctly summarizes key findings but could benefit from clearer sentence structure, especially in describing clinical management and outcomes.

- **Introduction and Objectives:** Provides adequate background on azithromycin and its typical safety profile. The statement on its OTC availability in India is relevant but should include a brief mention of potential implications for public health. The objective, although implied, is not explicitly stated; clarifying the aim namely to report this rare adverse reaction would strengthen the introduction.
- **Methodology and Statistical Analysis:** As a case report, formal statistical analysis is not required. The methodology is primarily clinical observation with standard dermatological assessment. Additional detail on diagnostic workup (e.g., exclusion of other causes, allergy testing) would strengthen the case causality assessment.
- **Results and Discussion:** Results are well-described, with supporting photographs. The discussion appropriately contextualizes the case within the existing literature, emphasizing the rarity of azithromycin-induced AGEP and hypothesizing pathogenic mechanisms. However, it would benefit from referencing more recent or comprehensive systematic reviews on drug-related AGEP.
- **Conclusion and Implications:** The conclusion emphasizes clinical vigilance, which is appropriate. It could be improved by suggesting recommendations for practitioners, such as monitoring patients and reporting adverse reactions to pharmacovigilance systems.
- **Ethical Clearance:** Informed consent was obtained, which is satisfactory for a case report. However, it should be explicitly stated whether ethical approval was deemed unnecessary or obtained from an institutional review board, including approval number if applicable.
- **Grammar, Language, and Presentation:** Overall, the manuscript is understandable but contains several typographical errors and inconsistent formatting (e.g., unnecessary line breaks, footnote markers). Language should be refined for clarity and conciseness. The references are appropriate but need standardization in formatting.
- **Tables and Figures:** Figures are relevant and support the narrative, though the resolution could be higher. The figure legends should be more descriptive, providing details about the localization and appearance of lesions.