

## REVIEWER'S REPORT

Manuscript No.: IJAR- 54551

**Title: FACTORS ASSOCIATED WITH ADHERENCE TO ANTI-RETROVIRAL THERAPY AMONG PEOPLE LIVING WITH HIV AGED 18-49 YEARS AT CMS COR-UNUM KIMISAGARA HC IN RWANDA**

### Recommendation:

Accept as it is .....  
 Accept after minor revision .....  
 .....  
 Accept after major revision .....

| Rating         | Excel.    | Good | Fair | Poor |
|----------------|-----------|------|------|------|
| Originality    |           | Good |      |      |
| Techn. Quality | Excellent |      |      |      |
| Clarity        | Excellent |      |      |      |
| Significance   |           | Good |      |      |

Reviewer Name: Dr.Sumathi

Date: 27/10/2025

### Detailed Reviewer's Report

1. Antiretroviral therapy is a lifelong combination of HIV medications that stops the virus from replicating, allows the immune system to recover, and reduces the risk of transmitting HIV to others.
2. Adherence to ART refers to the consistent and correct use of antiretroviral therapy, which is crucial for managing HIV by achieving viral suppression and preventing transmission.
3. The level of adherence to ART is measured by how consistently a patient takes their medication, with categories like good or poor adherence often defined by specific percentage thresholds.
4. Poor adherence to antiretroviral therapy refers to a patient's inability to consistently take their medications as prescribed, which can negatively impact treatment outcomes and lead to viral load ineffectiveness.
5. This can be caused by a variety of factors, including side effects, economic and social barriers and the complexity of the treatment regimen.

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- 6. Good adherence to ART is when a patient takes their medication as prescribed, often defined as taking at least 80% to 95% of their doses correctively.**
- 7. This is crucial for viral suppression, preventing drug resistance, and maintaining health.**
- 8. Informations are given good and key words are understandable.**
- 9. Review and material and methods are good to understand and clear.**
- 10. Results with graphs looks good.**
- 11. Summary points must be included.**
- 12. Some relevant pictures can be given.**
- 13. After those corrections good to publish in your journal.**