



SDI Review Form 1.6

Journal Name:	International Journal of TROPICAL DISEASE & Health
Manuscript Number:	Ms_IJTDH_25241
Title of the Manuscript:	Human Papilloma virus awareness and uptake of HPV vaccination among human immunodeficiency virus positive patients in Nigeria.
Type of the Article	Original Research 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:

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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)
Compulsory REVISION comments	Referees report: International Journal of TROPICAL DISEASE & Health; Ms. IJTDH_25241 Original Research Article: Human Papilloma virus awareness and uptake of HPV vaccination among human immunodeficiency virus 3 positive patients in Nigeria. Comments in Red; Suggestions in Blue Comments to the editor: This is a prevalence study among HIV+/AIDs females, about HPV-induced carcinogenic properties and access and use of prophylaxis vaccine against HPV. Some improvement strategies are recommended. The writing style generally is acceptable, but some sentences are verbose and not clear. See line 38, 48 below. There are some minor grammatical and spelling errors; have indicated a few below. The words "Thus and therefore," shd be eschewed; they relate mainly to mathematics and only cause readership irritation as principles, notions and ideas don't not always follow generic generalizations warranting "thus" or "therefore." Although this study took place In: University of Port Harcourt Teaching Hospital between 11 21st October -21st of December 2014, an Internal Ethics Review Board Number [IRB Number and date] shd be supplied and placed before the References. A statement about vested interest shd be made: Suggest:- The authors have no conflict of interest to declare. .Have taken the liberty of editing some sentences in the Introduction (mainly); suggested improvement, subject to ratification by editor and author, are in blue.	Grammatical errors corrected in Line 19- abysmally Poor changed to abysmally poor Line 31 missing commas added ie 31,33,35,45,52,57,58,66,67,69,70,73,-- Cervirex changed to Cervarix line 45 Concluding remarks:---- added line 132. The use of "thus' and "therefore" had been removed from the manuscript as suggested. The sentences in line 38 and 48 have been reconstructed see outline sentences in yellow on line 47-50 and 52-56



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	Table 1, 2 and 3 , and Figure 1. These have headings but also need explanatory legends. Examples: Line 218. Table 1:- Age, Parity, social status and marital status of the cohort: Age range 15-64. Most frequencies in Age 25-34 and 35-44 years. Social status middle class is the majority, and most were married. Line 227. Table 2: Comparing awareness of HPV causing cancer against awareness of HPV vaccination (OD1.41 P=0.1999;CL 0.72-2.75) Line 228: use word Figure 1 [not Fig. 1] Line 229: Figure 1: The main reason (over 50%) shows lack of availability. Fear of side effects, cost and deeming vaccination as unnecessary, all contribute but less to the failure of using vaccination. Red bars indicate negative responses; blue indicate positive responses. Line 231: Table 3: Uptake of HPV was not affected by awareness of the HPV vaccination. (P=0.90) The references are in order, current and relate well to the script. Ethical issue: Yes. An IRB number and date is required.	The IRB number and date is stated on line 137-138. The IRB number is UPTH/2014/15 and the date of issuance is 29th September, 2014 Conflict of interest declaration made in: line 140 The suggested changes on the table had been effected on table 1-3. Table 1 changes: line 226-227 Table 2 changes: line 232-233 Fig I had been changed to figure 1. As evident in line 237-239.
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<u>Minor</u> REVISION comments	General Comments: Line 19. ... abysmally Poor. abysmally poor. Line 31: Globally the commonest oncogenic serotypes are 16 and 18 while others like 31,33,35,45,52,57,58,66,67,69,70,73 31 and 82; missing comma, ... like 31,33,35,45,52,57,58, 66,67,69,70,73 31 and 82 Line 37: HPV vaccine introduction marks a landmark achievement in the primary prevention of cervical cancer owing to the public health challenge cervical cancer had caused in our environment. Use of subjective plural, & environments don't have female U-G tracts to contract Cancer. Suggest: HPV vaccine introduction is a landmark achievement in the primary prevention of cervical cancer which has become so prevalent in some societies. Line 38: Its introduction and usage had contributed significantly in reducing the incidence of cervical cancer related morbidities among the immunized group of females in the developed countries [7,13]. but reports of poor uptake had been documented, influenced by sociocultural, political and economic reasons in developing countries[14,15].Its introduction and usage had contributed significantly. Suggest: Its introduction and usage has contributed significantly in reducing the incidence of cervical cancer related morbidities among the immunized group of females in the developed countries [7,13], but many reports influenced by sociocultural, political and economic reasons in developing countries, reflect poor uptake. [14,15]. Line 45: but immunological studies had observed a 11-13 fold increase..... but immunological studies have observed a 11-13 fold increase Line 46: with cervirex had been documented...sp... with Cervarix had been documented Line 48: The persistence rate of the HPV virus in patients with immunological compromise is higher with eventual integration of the HPV genome into the cervical epithelial matrix resulting in causation of premalignant transformation [18,19]. Patients in this category, such as the human immunodeficiency virus patients have been associated with a high prevalence of cervical cancer and also the acquisition of the HPV virus. These observations thus put cervical cancer presence as an AIDS defining disease by the Centre for Disease Control, USA (CDC)[20]. With the advent of antiretroviral therapy, life expectancy of these patients is on the increase bringing to light other co-morbidities such as cervical	Corrections are effected
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	cancer. It thus becomes imperative that these at risk group should embrace all available primary preventive measures to improve outcome as is evident in the developed countries... [132 words.] Verbose; Writing is not clear or concise... Suggest: Oncogenic HPV virions persist in patients with intact immunity, but when immune moderation is compromised, HPV integrates more frequently into the genome of the cervical epithelial matrix with resultant malignant transformation. [18,19]. Patients with human immunodeficiency virus are often associated with high prevalences of cervical cancer and acquisition of the HPV virus. Accordingly the Centre for Disease Control, USA (CDC) deems the presence of cervical cancer as an AIDS defining disease. [20] With antiretroviral therapy life expectancy of these patients increases, but with other co-morbidities like cervical cancer. Consequently it is imperative these high-risk groups embrace all available primary preventive measures which improve outcomes as evidenced in developed countries. [108 words] Line 56: It is in the light of these, that this study seeks to determine the awareness of this high risk group to HPV and to ascertain if these group of patients attending the antiretroviral clinic had utilized the recommended best practice of HPV vaccination. Suggest: This study appraises awareness of oncogenesis of HPV, the use of HPV prophylactic vaccination in an HIV+ group, and ascertains whether HIV+/AIDS patients attending an antiretroviral clinic, utilize recommended HPV prophylactic vaccination. Suggestions for amelioration of the situation are put forward. Line 95: This is even more worrisome because the stage of engagement of these patients was a tertiary hospital which makes it more glaring that these facilities have not done enough to sensitize the patients about the risk of cervical cancer they are exposed to. [44 words] Suggest: This is most worrisome as these patients arrive at tertiary hospitals, which emphasizes these facilities do not publicize enough, to sensitize patients about risks of cervical cancer to which they are exposed. [32 words] Line 132: In conclusion, the observation of poor uptake of HPV vaccination ... Suggest start the paragraph with:- Concluding remarks: The observation of poor uptake of HPV vaccination.. etc	
<u>Optional/General</u> comments		