

# Review of: "Review: Human papillomavirus (HPV)"

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**Potential competing interests:** No potential competing interests to declare.

The Author made an effort to discuss the Biology of Human Papillomaviruses and their relation to benign and malignant lesions. However, the following corrections are necessary to qualify the manuscript for publication:

1. There is a tautology of the statement on the number of HPV genotypes in the abstract.
2. The Abstract does not cover the full scope of the manuscript.
3. Its more appropriate to write (uterine, penile and vulvar cancer) rather than (uterus, penis, and vulva cancers) - line 4 of 'Etiology'.
4. There is doubt about the number of genes/proteins (7) in the early region as mentioned by the Author even in the study cited- Line 5 of 'Etiology'
5. The statement ' HPV types 6 or 11, which result in genital warts, and kinds 1, which cause cutaneous warts' needs to be clarified – line 12 of 'Types of papillomavirus'
6. The Author also needs to adopt a single form of terminology for HPV throughout the manuscript. For example, HPV type, HPV genotype, but not 'kinds, or varieties'.
7. The first two lines under the heading 'Life cycle of HPVs' needs to be reframed or clarified.
8. Clarification is needed on the following contradictory statements under 'Transmission': there has never been evidence of HPV transmission by water. In 50% of the home bathing water samples, HPV was found.
9. The Author needs to dwell more on the immunity against HPV infection, the immune evasion mechanism of HPV, and polymorphism and genetic mutations.
10. The statement 'HPV infection is responsible for almost half of penile cancer cases' should be under the heading '3. Penile Cancer'.
11. The word 'guys' in 'guys with HIV and those who have intercourse with other guys are more likely to experience it' should be replaced with 'Men'.
12. The information under '4. Cervical Cancer' should be rephrased, to make it clear while avoiding tautology.
13. Clarify : 'Warts are caused by HPV2, HPV27, and HPV57, but not by types 2, 1, or 63'.
14. Tautology in the first and second paragraph of Epidemiology. Also, the Author needs to discuss a lot more on the epidemiology of HPV.
15. State the species affected by HPV
16. Diagnosis of HPV not 'Diagnosed of HPV'
17. There is inconsistency of the referencing style used in the manuscript, and a lot of information were mentioned without citing a reference.

18. There is need for grammatical proof-reading and editing of the whole manuscript.