Reviewer's report

Title: Genotype distribution of human papillomavirus (HPV) in histological sections of cervical intraepithelial neoplasia and invasive cervical carcinoma in Madrid, Spain.

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Reviewer: Nina Jancar

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Major Compulsory Revisions:

This article describes the infection with HPV genotypes of different oncogenic potential in benign, premalignant and malignant cervical lesions. The study design is good, but there are some drawbacks:

1. The number of included benign lesions and invasive cervical cancer cases are too small (19 and 7)
2. The majority of samples consist of CIN 1 cases, which is well known to regress spontaneously, especially in young women. Therefore, the more important, CIN 2-3 and ICC cases, are in minority.
3. How do authors explain cases of ICC with the presence of only HPV 11. It has been confirmed, that cervical cancer cases are in 99,7% high-risk HPV positive. It would be interesting to know, what kind of histological subtypes were those HPV 11 positive cervical cancer cases?
4. The conclusion about limited effectiveness of HPV vaccination based on this study is questionable.
4. There are also some grammar and spelling mistakes.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Needs some language corrections before being published

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests.