

Cancer of the Cervix Caused by HPV (Human papillomavirus) in Algerian Population

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Abstract : Cancer of the cervix caused by HPV (human papillomavirus) is for many years a real public health problem, it is ranked 2nd deadly female cancer kills more than 270 000 women each year worldwide. In Algeria, the mortality of cervical cancer decreases with the impact, but the prognosis of these cancers remains bleak: The 5-year relative survival is 60 %. The mode of transmission is usually sexual. Our study was undertaken to show the link between HPV and cervical cancer and the importance of Pap smear screening in this type of pathology. On the total sample, 76.11 % showed abnormal cervical smears of which 13% have mild cases and hormonal reaction Change, and 44% represent inflammatory smears and normal cases 35%, while long seven years from 2005 to 2012. Thus, 43% of abnormal smear results between ASCUS, AGUS, low and high grade carcinoma and adenocarcinoma and 57 % of other cases of unknown origin. The average age of women at risk of developing adenocarcinoma is 45-50 with a 67% to 33% of the same risk in women of age group 41-45 years although the percentage of cases of HPV infected patients was 2% in the past seven years. We found that with increasing age, the risk is argued. Due to several factors such as multiparty can reduced the resistance of the uterine epithelium and even as the multi that promotes contamination HPV causes repeated infections with HPV.

Keywords : cervical cancer, human papillomavirus (HPV) screening, prevention, vaccines

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