



P107. CLINICAL AND DEMOGRAPHIC FEATURES AMONG WOMEN WITH HIGH RISK HUMAN PAPILLOMAVIRUS INFECTION OTHERS THAN 16/18 WITH NORMAL CERVICAL CYTOLOGY

Neves J S (PT) [1], Valente M P (PT) [2], Pereira S V (PT) [3], Rego S (PT) [4], Pimenta M (PT) [5], Almeida M M (PT) [6], Jorge C C (PT)

Context: High-risk human papillomavirus (HR-HPV) infection is currently a well-established cause of cervical cancer. HR-HPV infection others than 16 and 18 are related at least to 20% of all cervical cancers worldwide. There are risks factors for HPV regarding sexual behavior and demographic characteristics.

Objective: To describe the demographic and behavioral features in women who has an infection with HR-HPV others than 16 and 18, and a normal Pap smear.

Methods: A retrospective study, from September 2013 to February 2016. Clinical and demographic (age, parity, age of menarche, age of menopause), reproductive features and behavior (age at first sexual intercourse, parity, oral contraceptive use, number of sexual partners, cigarette use) data were recorded. Samples were evaluated with cytology and HPV DNA test with PCR.

Patients: Women were included with HR-HPV infection (serotypes 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66, 68) and a normal cervical cytology.

Results: One hundred forty eight (n=148) women were included. The median age was 44 years (range: 21-71). Thirty-eight (26%) were nulliparous, 45 (30%) primiparous and 65 (44%) multiparous; menarche was at 13 years old (median age and range: 9-19); first sexual intercourse was at 18 (median age and range: 12-41); number of sexual partners was 2 (median age and range: 1-20); 34 (26%) women were smokers and 55 (40%) had hormonal contraception use.

Conclusions: Main risk factors for an HPV infection are lower age at first intercourse, sexual partners' multiplicity, smoking habits and hormonal contraception use. These are preliminary results showing higher multiparous frequency, a median age at first intercourse above the standard reference in Portuguese population (16 years), a large range for number of sexual partners and a hormonal contraceptive use close to half of the women included.

[1] Hospital Santa Maria - Lisboa, [2] Hospital Santa Maria - Lisbon, [3] Hospital Santa Maria - Lisboa, [4] Hospital Santa Maria - Lisboa, [5] Hospital Santa Maria - Lisboa, [6] Hospital Santa Maria - Lisboa