



POSTER PRESENTATION

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# Cervical dysplasia in postmenopausal patients infected by HIV

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## Background

An increasing number of patients infected with HIV reach the age of menopause. HIV infection is associated with a higher incidence of cervical dysplasia. The aim of our study was to describe cervical abnormalities observed in these patients during menopause.

## Methods

Retrospective study at Louis Mourier Hospital, comprising all cervical cytologic and colposcopic examinations in post-menopausal HIV-infected women from 1995 to 2008.

## Results

In 18 postmenopausal patients, median age 54 years (range 43 to 63) diagnosed with HIV-1 infection for 7,5 years (range 2 to 25), 51 samples were analyzed. There were 27 (50.98%) abnormalities, including 4 (7,84%) ASC-US, 15 (29.41%) low-grade lesions, and 7 (13.73%) high-grade lesions. Ten of these patients underwent surgery (laser, conization, hysterectomy) during this period. During follow-up, the lesions were stable in 40.48%, regressed in 35,71%, and progressed in 23.81%. In our study, the median onset of high-grade dysplasia during menopause is 5 years.

## Discussion

Cervical lesions were frequent in postmenopausal HIV-infected women, mostly low grade and persistent. Women with HIV infection should continue to have gynaecological follow-up, with baseline HPV typing and a yearly Pap tests.

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