Determinants of adequate follow-up of an abnormal Papanicolaou result among Jamaican women in Portland, Jamaica.

Submitted by jollyp on Mon, 08/19/2013 - 3:11pm

Determination of adequate follow-up of an abnormal Papanicolaou result among Jamaican women in Portland, Jamaica.

Title

Publication Type

Journal Article

Year of Publication

2011

Authors

Jeong, SJin, Saroha, E, Knight, J, Roofe, M, Jolly, P

Cancer Epidemiol

Volume

35

Issue

2

Pagination

211-6

Date Published

2011 Apr

ISSN

1877-783X

Keywords

Adult, Aged, Aged, 80 and over, Cervical Intraepithelial Neoplasia, Cervix Uteri, Continuity of Patient Care, Female, Follow-Up Studies, Humans, Jamaica, Middle Aged, Papanicolaou Test, Patient Compliance, Uterine Cervical Neoplasms, Vaginal Smears, Young Adult

Abstract

BACKGROUND: Among Jamaican women, cervical cancer is the second leading cause of cancer mortality but factors that facilitate follow-up of women receiving abnormal Pap smear results are not known. We examined whether socio-demographic factors, factors reported by the women, and assistance received for follow-up facilitate adequate follow-up of abnormal Pap smears.

METHODS: One hundred and twenty-one women who had abnormal Pap results during June 1998-September 2005 in Portland, Jamaica were interviewed to identify determinants of adequate follow-up. Chi-square, t-test and multivariable logistic regression analysis were used to identify determinants.

RESULTS: Only half of the women in this sample sought adequate follow-up. These women had a lower number of surviving children, higher monthly income, and perceived the cost of services to be inexpensive. Advice about the timing of the follow-up activity and the next step to take by the healthcare workers were significant determinants of adequate follow-up. Women who received advice on the timing of follow-up were almost six times (adjusted OR: 5.99, 95% CI: 1.17, 30.66, p<0.05) more likely to seek adequate follow-up after adjusting for other factors.

CONCLUSIONS: Perceived low cost of services
as well as assistance provided by healthcare workers regarding follow-up action helps to facilitate adequate follow-up of abnormal Pap smear results.