Objective. Identify the behavior of the risk factors associated with cervical intraepithelial lesions in women that their cervical cytology was performed in Medical Health Units of the municipality of Balancan in 2010. Material and methods. Case studies and controls, analytical. Including 50 cases and 100 controls; observing the variables: sociodemographic, gynecoobstetric, biological. The “Risk Factors Survey of cervical intraepithelial lesions” was designed. The difference between variables with Pearson Chi square or Fisher exact test was evaluated as appropriate. It was used momio reason to measure strength of association with confidence interval 95%, assuming a level of statistical significance \( p \leq 0.05 \). Epinfo 6 (CDC) analysis program for data processing was used. Results. Study confirms the association of socioeconomic factors regarding the age of 35 to 39 years and the risk of cervical intraepithelial lesions \( OR = 2.52, 95\% \: CI \: 1.15-5.51, \: p = 0.0190 \). The risk was demonstrated in relation to the sexual partner of the case (\( OR = 6.20, 95\% \: CI \: 2.54-15.12, \: p = 0.0000 \)), the association is confirmed between a history of HPV and cervical intraepithelial lesions risk of \( MR = 9.79, 95\% \: CI \: 3.35-28.62, \: p = 0.0000 \), according to inherited family history of cervical cancer in maternal history, was statistically significant (\( OR = 4.57, 95\% \: CI \: 1.30-16.02, \: p = 0.0106 \)). Regarding the tobacco consumption significant value associated with cervical intraepithelial lesions with an \( OR = 23.06, 95\% \: CI \: 5.04-105.52, \: p = 0.0000 \) was obtained. Conclusion. The predominant age in the studied population was 35 to 39 years in both groups, the more significant factors of risk were: the sexual partner of the case, hereditary familial history, history human papillomavirus, and consumption of tobacco, also the study provides valuable to public health institutions information.

**Keywords**

Cervical Intraepithelial Lesion, Risk factors,
Human papilloma virus, Smoking, Sexual partners.