

## عنوان مقاله:

Investigating the relationship between Apal polymorphism of vitamin D receptor gene (VDR) and the risk of breast cancer in central Markazi women

## محل انتشار:

سیزدهمین کنگره بین المللی سرطان پستان (سال: 1396)

تعداد صفحات اصل مقاله: 1

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## خلاصه مقاله:

Introduction: Vitamin D plays a major role in cell proliferation, apoptosis, suppresses tumor growth. Vitamin D receptor is a vital mediator for the cellular effects vitamin D. A series of epidemiologic studies have examined the association between Apal polymorphism of the VDR gene and breast cancer, but conflicting findings have been obtained. Materials and Method: In this study, the effects of vitamin D receptor Apal polymorphism and risk of breast cancer in a large population based on a case-control study of 125 patients and 135 healthy women from the women of Markazi province were evaluated. Results: The Apal polymorphism of the VDR gene was evaluated by PCR-RFLP analysis in patients with breast and healthy breast cancer. According to the findings, no significant correlation was found between genotypes of Apal polymorphism and VDR gene and breast cancer (0.9302; CI = 95%, OR = 0.29-2.95). Conclusion: In our study, these findings showed that C allele of the VDR group did not have any risk for breast cancer compared to the control group.

## کلمات کلیدی:

Case-Control Case Study, Breast Cancer, Polymorphism

## لینک ثابت مقاله در پایگاه سیویلیکا:

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