

## عنوان مقاله:

?Is Atopic Dermatitis More Severe in Children with Lower Levels of ۲۵-Hydroxy Vitamin D

## محل انتشار:

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## خلاصه مقاله:

Background: Atopic Dermatitis (AD) is the most common chronic skin disease, which can lead to some complications in adulthood. According to the possibility that some environmental factors like vitamin D are effective in AD, this study was conducted to clarify the effect of serum level of vitamin D on it. Methods: This study was performed as a case-control study, in Hamadan University of Medical Science, comparing the serum level of vitamin D in ۲۰ children with and ۲۰ children without atopic dermatitis. Atopic dermatitis was confirmed by standard criteria of Hanfin Verajka and the severity score was assessed using the SCORAD scoring system. Data was analyzed using SPSS software. Results: In this study, no significant differences were found in age, gender and place of residence between two groups. And, there was no significant difference in serum level of vitamin D between two groups (P-value: ۰.۳۹۴) but a significant, direct relationship was observed between disease severity and serum levels of vitamin D (P-value: ۰.۰۴۳۱). Conclusion: The results of this study showed that vitamin D deficiency alone may not trigger atopic dermatitis, but it can worsen the disease, so it seems that the serum level of vitamin D in children with atopic dermatitis should be checked and in case of deficiency, a supplement should be prescribed.

## کلمات کلیدی:

Atopic dermatitis, Vitamin D, deficiency

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