

VITAMIN D PADA PASIEN ACNE VULGARIS DAN KORELASI DENGAN LUARAN KLINIS: REVIEW SISTEMATIK

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Author Order	3 of 3
Accreditation	
Abstract	<p>Background: Vitamin D is thought to have a role in the pathogenesis of acne vulgaris through anti-inflammatory effects. Research regarding the relationship between vitamin D and the severity of acne vulgaris still shows mixed results. Objective: To determine the correlation between vitamin D levels and clinical severity in acne vulgaris patients. Method: This systematic review uses Pubmed, Google Scholar, and Science Direct databases. Of the 362 articles, 13 articles that met the inclusion criteria were analyzed narratively. Results: Of 13 studies, 4 showed significant differences in serum vitamin D levels between degrees of acne severity. Meanwhile, the other 9 did not show any significant differences. One study showed significant differences in tissue vitamin D levels with severity. Conclusion: Overall, results are still inconsistent. There is evidence of a higher risk of vitamin D deficiency and decreased tissue vitamin D levels in people with acne vulgaris as severity increases. It is suspected that this is related to the role of vitamin D in suppressing inflammation. Further studies considering confounding factors are needed to clarify this association.</p>
Publisher Name	Fakultas Kedokteran Universitas Jenderal Soedirman
Publish Date	2024-02-11
Publish Year	2024
Doi	DOI: 10.20884/1.mhj.2024.3.2.11004
Citation	
Source	Medical and Health Journal
Source Issue	Vol 3 No 2 (2024): February
Source Page	161-170
Url	https://jos.unsoed.ac.id/index.php/mhj/article/view/11004/4979
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