

Image Correspondence

Phenytoin-Induced Gingival Enlargement

Manasa Narayan Kayarkatte¹, Vaishnavi Puri¹, Kriti Bhat¹

¹Department of Dermatology, Venereology and Leprosy, Kasturba Medical College, Mangalore, Manipal Academy of Higher Education, Manipal, Karnataka, India.

*Corresponding author:

Kriti Bhat,
Department of Dermatology,
Venereology and Leprosy,
Kasturba Medical College,
Mangalore, Manipal Academy
of Higher Education, Manipal,
Karnataka, India.

Kritibhat1996@gmail.com

Received: 08 November 2024
Accepted: 16 November 2024
Epub Ahead of Print: 28 December 2024
Published:

DOI
10.25259/IJPGD_240_2024

Quick Response Code:



A 22-year-old male presented with complaints of gingival hypertrophy [Figure 1] associated with poor dental hygiene since past 5 years. He was a known case of epilepsy and had been treated with phenytoin since past 7 years.

Drug-induced gingival enlargement is an adverse effect of three main classes of drugs: anticonvulsants, antihypertensive calcium channel blockers and the immunosuppressant cyclosporine. The prevalence of phenytoin-induced gingival overgrowth is variable ranging from 13% to 50%. Classically, it begins in the interdental papillae within the 1st month of starting



Figure 1: Phenytoin-induced gingival enlargement.

This is an open-access article distributed under the terms of the Creative Commons Attribution-Non Commercial-Share Alike 4.0 License, which allows others to remix, transform, and build upon the work non-commercially, as long as the author is credited and the new creations are licensed under the identical terms.

©2024 Published by Scientific Scholar on behalf of Indian Journal of Postgraduate Dermatology

phenytoin and increases to its maximum by 1 year. It affects chewing, speech and is also cosmetically disfiguring.

Ethical approval

Institutional Review Board approval is not required.

Declaration of patient consent

The authors certify that they have obtained all appropriate patient consent.

Financial support and sponsorship

Nil.

Conflicts of interest

There are no conflicts of interest.

Use of artificial intelligence (AI)-assisted technology for manuscript preparation

The authors confirm that there was no use of artificial intelligence (AI)-assisted technology for assisting in the writing or editing of the manuscript and no images were manipulated using AI.

How to cite this article: Kayarkatte MN, Puri V, Bhat K. Phenytoin-Induced Gingival Enlargement. Indian J Postgrad Dermatol. doi: 10.25259/IJPGD_240_2024