

Peer Review

Review of: "Two Cases of Non-Surgical Hypoparathyroidism That Were Diagnosed with Delay"

Avraham Ishay^{1,2}

1. Endocrinology, Emek Medical Center, Afula, Israel; 2. Technion – Israel Institute of Technology, Israel

The paper provides comprehensive descriptions of two clinical cases, including symptoms, diagnostic challenges, genetic findings, and treatment outcomes. This level of detail is valuable for understanding the complexity of non-surgical hypoparathyroidism (Ns-HypoPT). The inclusion of genetic analysis results adds depth to the discussion and highlights the role of genetic factors in Ns-HypoPT. The paper emphasizes the importance of using hydroxylated vitamin D3 (calcitriol) for the effective management of hypocalcemia, which is a practical takeaway for clinicians. The authors address diagnostic delays and mismanagement, which are critical issues in the field.

These are my suggestions for improvement of this manuscript:

1. The abstract should be more concise, summarizing the key findings, challenges, and recommendations. This will help readers quickly grasp the essence of the paper. For example, there is no need to insert detailed molecular genetic insights in the abstract.
2. More structured headings and subheadings will improve readability. For example: Introduction, Case Studies, Genetic Findings, Treatment and Outcomes, Discussion, Conclusions.
3. The description of Case 1 may be shortened.
4. The paper could benefit from a clearer flow between sections. For instance, the genetic findings could be discussed in a separate section.
5. The discussion may be broadened: for example, by discussing the implications of delayed diagnosis on patient quality of life and healthcare costs. Moreover, a comparison of the findings with other studies on Ns-HypoPT and DiGeorge syndrome would provide context and highlight the novelty of the paper.

6. For Case 2, the etiology of Ns-HypoPT remains unclear. Discuss the challenges in identifying the cause and suggest future research directions.
7. Grammar and Syntax: a review of the text by a professional English writer would be valuable to improve sentence structure and enhance readability.

Declarations

Potential competing interests: No potential competing interests to declare.