

[Back](#)

Acute nicotine poisoning in a 2-year-old child – A case report of a near-death event

[Malaysian Family Physician](#) • Article • Open Access • 2025 • DOI: 10.51866/cr.532[Shalihin, Mohd Shaiful Ehsan](#)^a ; [Rifin, Sakinah Md](#)^b; [Sabri, Nur Izzati Binti Mohd](#)^b^aDepartment of Family Medicine, Kulliyah of Medicine, International Islamic University of Malaysia, Jalan Sultan Ahmad Shah, Pahang, Kuantan, Malaysia[Show all information](#)

View PDF

Full text

Export

Save to list

[Document](#)[Impact](#)[Cited by \(0\)](#)[References \(20\)](#)[Similar documents](#)

Abstract

Acute nicotine poisoning is a devastating condition that occurs when there is an excessive intake of nicotine, a toxic alkaloid found in tobacco products, mainly e-cigarettes. It impairs respiratory and neurological functioning due to its massive inflammatory effect. It is mainly related to vaping activity. Most smokers know about smoking's adverse effects and implications. However, public awareness is still poor, and a majority are unable to quit the trending vaping addiction. Nevertheless, the potential severity of its toxicity to a growing child both in the short and long term is of critical concern, especially in cases of accidental direct ingestion. We report the case of a 2-year-old child who presented with acute respiratory failure secondary to liquid nicotine ingestion at home. The child was first seen by the medical team at primary care and required urgent intubation and paediatric intensive care unit admission. Her condition was complicated with several episodes of seizure requiring close monitoring. This case highlights that despite ignorance of adults on the danger of vaping, significant harm can still occur among children at home when parents engage in vaping. Although adults may take certain precautions, their harmful habits can indirectly and directly affect children, making the risk unavoidable. This serves as an urgent call for the government to strictly ban nicotine products and enact corresponding legislation immediately. © 2025, Academy of Family Physicians of Malaysia. All rights reserved.

0

Citations

Detailed information

Bibliographic information

Document type	Article
Open access	Green • Gold
DOI	10.51866/cr.532
EID	2-s2.0-105020164873
Original language	English
Publication date	2025
PubMed ID	
Source type	Journal
ISSN	1985207X
Publisher	Academy of Family Physicians of Malaysia
Publication year	2025
Source title	Malaysian Family Physician
Volume	20
Article number	67

Authors (3)

[Shalihin, Mohd Shaiful Ehsan](#)^a [Rifin, Sakinah Md](#)^b[Sabri, Nur Izzati Binti Mohd](#)^b

Abstract

Author keywords

Indexed keywords

Chemicals and CAS

Corresponding author