

Original text

**Subject: Regarding the number of doses of Salbutamol (metered-dose inhaler) available in inhalers without dose counters**

***Dear Healthcare Professional,***

*The purpose of this communication is to provide information on alternative methods for monitoring the number of doses remaining in metered-dose inhalers (MDIs) of Salbutamol that are not equipped with an integrated dose counter.*

**Key Information**

- *The inhaler contains a quantity of salbutamol sufficient for only 200 actuations (inhalations). After 200 actuations, the inhaler may continue to spray but it will no longer deliver a therapeutic dose of salbutamol.*
- *Methods such as shaking, weighing, or immersing the inhaler in water are not reliable for accurately determining the number of remaining doses of active salbutamol.*
- *Patients should be advised to carefully track the number of actuations used to avoid the risk of using an empty inhaler.*
- *Patients should also be advised to keep a spare inhaler on hand. If more than one inhaler is in use, dose tracking should be done separately for each device.*

**Recommendations for Healthcare Professionals**

*Healthcare professionals should communicate this information to their patients.*

**Reporting Suspected Adverse Reactions**

Any adverse events or safety concerns related to Salbutamol (metered-dose inhaler) should be reported to GSK and/or the Center for Drug and Medical Technology Expertise of the Ministry of Health of the Republic of Armenia via the following link: [www.pharm.am](http://www.pharm.am) or via hotline numbers: (+374 10) 20 05 05 and (+374 96) 22 05 05.

**Company Contact Information**

Reports on the safety of GSK medicinal products may also be sent to the following email address: [ru.safety@gsk.com](mailto:ru.safety@gsk.com)

**References:**

1. Given J, Taveras H, Iverson H, Lepore M. Prospective, open-label assessment of albuterol sulfate hydrofluoroalkane metered-dose inhaler with new integrated dose counter. *Allergy Asthma Proc.* 2013 Jan-Feb;34(1):42-51. doi: 10.2500/aap.2012.33.3647. Epub 2012 Dec 20. PMID: 23265285.
2. Kaur I, Aggarwal B, Gogtay J. Integration of dose counters in pressurized metered-dose inhalers for patients with asthma and chronic obstructive pulmonary disease: review of evidence. *Expert Opin Drug Deliv.* 2015 Aug;12(8):1301-10. doi: 10.1517/17425247.2015.1000858. Epub 2015 Jan 7. PMID: 25564302.
3. National Child Mortality Database (NCMD). National Child Mortality Database Programme Thematic Report. Child deaths due to Asthma or Anaphylaxis. Data from April 2019 to March 2023. December 2024.

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Electronically signed by: Nawal Alila  
Reason: I am signing for the reasons as stated in the document.  
Date: Jul 22, 2025 11:08 GMT+1

Nawal Alila