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Journal Name:	Current Journal of Applied Science and Technology
Manuscript Number:	Ms_CJAST_130024
Title of the Manuscript:	Perfect the Puff: Reinforcing Metered-Dose Inhaler Excellence Amongst Primary Care Trainees
Type of the Article	Original Research Article

PART 1: Comments

	Reviewer’s comment	Author’s Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	The manuscript is of significant importance to the scientific community as it addresses the critical issue of metered-dose inhaler (MDI) technique among Internal Medicine residents, a group that plays a vital role in asthma management. The findings underscore the persistent knowledge gaps in MDI use and highlight the effectiveness of brief educational interventions in improving technique knowledge, which is essential for optimal patient care. Furthermore, the study emphasizes the need for ongoing training and education, suggesting that integrating such programs into residency curricula could enhance the competency of future healthcare providers	The authors would like to thank the reviewer for this feedback.
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	The authors would like to thank the reviewer for this feedback.
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	The abstract succinctly summarizes the study's purpose, methods, and findings. However, it could benefit from a clearer statement of the implications of the findings for clinical practice. Including specific recommendations for future training sessions would enhance its relevance.	The authors would like to thank the reviewer for this feedback. The following sentences were added in the abstract: “The implications of these findings underscore the need to not only teach IM residents about MDI technique, but ensure continuous reinforcement regardless of gender or level in training.” As well as  “Recommendations for future training sessions could assess the impact of digital education as well as other modalities such as visual aids and hands on training.”
Is the manuscript scientifically, correct? Please write here.	Yes, the article presents a valuable contribution to the literature on asthma management and healthcare education.	The authors would like to thank the reviewer for this feedback.
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes, the references cited throughout the article are relevant and provide a solid foundation for the claims made.	The authors would like to thank the reviewer for this feedback.

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Is the language/English quality of the article suitable for scholarly communications?	Yes	The authors would like to thank the reviewer for this feedback.
<u>Optional/General</u> comments	<p><b>Introduction:</b> The introduction effectively sets the context by discussing the prevalence of asthma in the Bronx and the demographic disparities in asthma burden. However, it would be beneficial to include a brief overview of existing literature on MDI misuse to establish a stronger rationale for the study.</p> <p>Article should include the limitations and strengths of the study at the end of discussion.</p>	<p>The authors would like to thank the reviewer for this feedback.</p> <p>The authors have included the following at the end of the <b>discussion:</b> “It is important to point out that this study had both strengths and limitations. The small sample size might not accurately reflect all internal medicine residents and demographic information was not collected other than gender. This could limit the generalizability across other Internal Medicine Resident training programs. Furthermore, residents were not reassessed after one training session. However, a strength of the study was that the questionnaire provided clear and interpretable results. It is evident that education and reinforcement is needed. The practical applications of the findings will not only bolster residents’ knowledge, but provide optimal care for patients with asthma.”</p> <p>Furthermore, the literature regarding misuse has been referenced in the introduction and is underlined for easier viewing. I will note it again here: “The metered dose inhaler (MDI) is often the primary device for medication delivery to the lungs, yet inhaler misuse is a universal challenge that affects patients of all ages, contributing to poorly controlled disease (5). Examples of improper MDI use seen amongst hospitalized patients with asthma included using a spacer with a mouthpiece instead of with a mask and inadequate breathing techniques (6). The adult population is susceptible to inhaler misuse, with one study finding that 71.6% of adults were making errors when using their inhaler, with 31.1% of the group making critical mistakes such as improper medication dose activation (7).</p> <p>Collectively, these studies demonstrate the existing knowledge gap in</p>

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		proper MDI use amongst patients and the potential yield of additional inhaler use education.”
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PART 2:

	Reviewer’s comment	Author’s comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	The authors would like to thank the reviewer for this feedback.