

Abstract:

Introduction: Choosing an inappropriate inhaler device can lead to patient dissatisfaction, inability to use the inhaler optimally, and ultimately poor disease control. Physicians should select the best inhaler device based on these guidelines and consider the conditions and preferences of patients.

Method: In this study, using questionnaires, the knowledge, attitude, and performance of physicians regarding the criteria for selecting different types of inhaler devices were investigated along with the satisfaction and preferences of patients regarding inhalers.

Results: 79% of all patients were partially or completely satisfied with their inhaler devices. 64.5% of patients used MDI sprays. Also, these types of sprays have the highest level of satisfaction in terms of the size and ease of portability of the spray. Only 15.1% of doctors have had good performance. 65% of them prioritize the drug class over the type of inhaler device in prescribing. About 90% of doctors evaluate the ability of patients to use inhaler devices and 86% know about the approximate costs of sprays; About 60% also stated that the price is an influencing factor in prescribing the type of spray for them.

Discussion and conclusion: The most important factors affecting the change in the type of inhaler prescribed by physicians are poor control of the disease and difficulty of the patient in using the inhaler. However, few physicians consider the patient's preferences when choosing the type of inhaler when prescribing. Most patients were highly satisfied with the prescription by their treating physician. Most patients do not consider the type of inhaler as an important factor in controlling the disease. Physicians should actively involve patients in the selection of the inhaler type. The importance of the type of inhaler and its correct use should be emphasized to the patients. Patients should be provided with necessary training on how to use inhalers.

Keywords: patient satisfaction, patient preference, Knowledge, Attitude, Practice, Inhaler device, adherence.