**A Scoping Review of Healthcare Practitioners’ Awareness and Practice Regarding the Environmental Impact of Inhalers**

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**Background and aims.** Inhaled forms of pharmaceuticals (inhalers) are necessary for managing respiratory diseases. However, like most pharmaceutical dosage forms their use poses an environmental impact from raw material sourcing and manufacturing through to consumer disposal of used inhalers (1). Inhalers that contain propellants have added environmental implications, as conventional propellants are usually potent greenhouse gases (2). Healthcare practitioners can play an essential role in mitigating the environmental impact of inhalers by prescribing non-propellant containing inhalers and providing consumer education about appropriate use, adherence and disposal (3,4). However, little is known about health practitioner roles in sustainable respiratory care. Therefore, this study aims to source, analyse and report research concerning healthcare practitioners’ understanding of the environmental impact of inhalers and their current practices.

**Methods.** A scoping review method was adopted as we envisaged the literature identified would include studies across the health professions employing myriad study designs. The review adhered to JBI procedures for scoping reviews and was reported per PRISMA-SCR guidelines (5,6). A comprehensive search of four databases (CINAHL, Embase, MEDLINE, and Scopus) yielded 526 articles. A two-step screening process was applied to the titles, abstracts, and full-text articles to identify any literature concerning healthcare practitioners’ understanding of the environmental impact of inhalers and their current practices. Each article was comprehensively reviewed, and the data were extracted and analysed.

**Results.** Fourteen studies from various countries worldwide met the inclusion criteria, using various methods including surveys and interviews. The findings identified several key themes including awareness and knowledge gaps, prescribing and disposal practices, and the requirement for effective education around sustainability.

**Conclusion/Discussion.** The result of the review demonstrates significant gaps in healthcare practitioners’ awareness and practices about the environmental impact of inhalers. This study recommends an educational program to enhance healthcare practitioners’ awareness and reduce the environmental impact of inhalers.

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