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| **Investigating Inhaler Choice in COPD Community Patients - ICOCO Study** |
| Abutalieva Kamila1,2, Cvetkovski Biljana1, Saini Bandana1,2, Bosnic-Anticevich Sinthia1,3,4 |
| *1Woolcock Institute of Medical Research**2University of Sydney**3Macquarie University* *4Sydney Local Health District* |
| **Introduction/Aim:** Inhaler devices are the main treatment delivery system for COPD. While healthcare professionals are responsible for prescribing the most appropriate inhaler therapy, it is also important to consider patient engagement and satisfaction with the inhaler. Little is known about how much patients are involved in selecting their inhalers, if their preferences are considered, or whether they want to be involved in this decision. The overall aim is to explore the experiences of people with COPD with their inhalers, determine the impact of these experiences on inhaler use, and understand their role and preferences in the selection of inhalers. **Methods:** Qualitative, semi-structured interviews are conducted with people diagnosed with COPD and using an inhaler. Participants are recruited from community pharmacies and the Woolcock database for research volunteers. Interviews are transcribed, and thematic analysis is conducted utilising a phenomenological approach. **Results:** Ten participants have thus far participated in this study, with ongoing recruitment to achieve a maximum variation sample. The preliminary results demonstrate that inhaler journey varied considerably, with some participants switching the inhalers multiple times since their initial diagnosis while others have used the same inhaler for twenty-five years. Participants who had several changes in their inhaler reported that this was as a result of lung function tests, personal dissatisfaction with an inhaler, worsening symptoms and sometimes unknown. Participants who discussed satisfaction with their inhaler with healthcare providers commonly reported positive disease outcomes, whereas patients who did not have a discussion experienced a progressive deterioration. Several behavioural factors are identified as reasons for active/inactive involvement in the treatment decisions. **Conclusion:** This study illustrates that every person with COPD has a unique set of experiences that impact on their COPD management and use of inhalers. Understanding the perspective of the person who must use the inhaler seems crucial to the success of their ongoing management. **Grant Support:** N/A**Key Words:** COPD, inhaler selection, experiences, patient engagement, satisfaction |