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Asthma-COPD Overlap Syndrome and Smoking: A Scoping Review

Asthma-COPD overlap syndrome (ACOS) is a heterogeneous condition characterized by chronic airflow obstruction and disease characteristics of both asthma and COPD. ACOS often displays disease morbidity worse than Asthma and COPD individually. Despite its growing recognition, there lacks a concrete guideline for its diagnosis, characterization, and management. Smoking has been identified as an important risk factor and disease modifier for ACOS. The current evidence characterizing the relationship between smoking and ACOS is incompletely characterized. Understanding the role of smoking in ACOS is essential for further diagnosis, characterization, and treatment. This review aims to map out current research surrounding ACOS as it relates to smoking, with the goal to provide further direction for future research

In this study, search criteria were developed for PubMed, EMBASE, CINAHL, and Web of Science. A preliminary review is currently being performed to provide further specification of the research questions. Once a list of concrete research questions was developed, the project was pitched to regional clinicians

The goal is to partner with local clinicians to investigate ACOS with a focused research project utilizing regional patient data: either prospective or retrospective.