

Bronchial Asthma: A Comprehensive Review of Epidemiology, Pathophysiology, Diagnosis, and Management

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Abstract: *Bronchial asthma is a chronic inflammatory disease of the airways characterized by variable respiratory symptoms and reversible airflow obstruction. It represents a major global health burden affecting individuals across all age groups. The disease involves complex interactions between genetic predisposition, environmental exposures, and immune mechanisms, leading to airway hyperresponsiveness and remodeling. Advances in understanding molecular pathways have transformed treatment strategies from symptom relief to long-term disease control. This review summarizes current knowledge on epidemiology, etiology, pathophysiology, clinical features, diagnosis, and management of bronchial asthma, highlighting emerging therapies and future directions.*

Keywords: Bronchial asthma, airway inflammation, epidemiology, pathophysiology, diagnosis, management

