



## Diagnosis and Management of Work-Related Asthma: Evidence Report/Technology Assessment Number 129 (Paperback)

By U S Department of Health Human Services, Agency for Healthcare Research and Quality

Createspace, United States, 2014. Paperback. Book Condition: New. 279 x 216 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Occupational asthma (OA) is a heterogeneous clinical syndrome characterized by work-related symptoms, airway inflammation (partially or completely reversible), bronchoconstriction, and hyper-responsiveness induced by workplace exposures (asthmagens). In contrast to non-occupational asthma, the differentiating feature of occupational asthma is the causal asthmagen is a substance in the occupational environment. The symptoms of OA are similar to non-occupational asthma and include wheezing, cough, dyspnea, and impaired quality of work and non-work life. More than 250 asthmagens have been implicated and identified as causative agents in the development of OA (e.g., di-isocyanates, western red cedar, enzymes, snow crab, latex, flour, and laboratory animals). However, there are likely a variety of workplace asthmagens that have yet to be identified. An attempt has been made to classify the majority of the known asthmagens into categories based on their molecular weight: high molecular weight versus low molecular weight compounds, as this is probably important in their mechanism of action. Due to the nature and complexity of workplace exposures, this is not always possible. OA can be broadly classified into two categories: OA with latency...

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