

# Review of: "Influence of Allergy, Asthma Treatment(AT) and Eviction Diet(ED) on Sleep-Disordered Breathing(SDB) in Pediatric Asthma Associated With Osa, Increased Respiratory Effort(RE) During Sleep and Overweight/Obesity: a Study in 78 Children"

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Potential competing interests: No potential competing interests to declare.

This research provides a nuanced understanding of the complex interplay between Obstructive Sleep Apnoea, asthma, obesity, and allergies in pediatric patients. By focusing on the Respiratory Polygraphy/Polysomnography profiles, the study highlights the inadequacy of relying solely on the Apnoea Hypopnea Index. Notably, it brings to light the significant impact of asthma treatment, allergies, and allergen eviction on sleep patterns and Body Mass Index. The findings underscore the need for an integrative approach in diagnosing and treating Obstructive Sleep Apnoea-asthma associations and provide valuable insights into potentially mitigating pediatric asthma and obesity. This study could serve as a stepping stone for more personalized and comprehensive treatment plans for affected children.