

CORRELATION OF SERUM IGE AND ABSOLUTE EOSINOPHIL COUNT LEVELS WITH THE SEVERITY OF CHILDHOOD ASTHMA

GAYATHRI DEVI C, SARALASABAPATHY & PABIYASREE J

Department of Pediatrics', Bowring and Lady Curzon Hospital, Bangalore Medical College and Research Institute,
Bangalore, Karnataka, India

ABSTARCT

The present study was examined the relation between serum IgE and absolute eosinophil count levels with the severity of childhood asthma in children aged 6-18 years, who are attended pediatric OPD in tertiary care, academic and research Institute hospitals of Bowring and Vanivilash. which are attached to Bangalore medical college and research institute, Bangalore. The Children were classified based on history and PEFr values. Serum IgE and AEC levels were evaluated and correlate with asthma severity. On analysis, both the parameters increased significantly ($p < 0.01$) with the severity of asthma. As per the study serum IgE is a better marker rather than AEC and it was found to be statistically significant.

KEYWORDS: IgE (Immunoglobulin E), AEC (Absolute Eosinophil Count), Bronchial Asthma