

SINUSITIS INFECTION AN APPROACH TO AGE RELATED FACTOR-A LONGITUDINAL STUDY

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ABSTRACT

The present study aims to know the sinusitis infection approach to age related incidence in rural population. A prospective and retrospective study was undertaken in the Department of ENT, Sri Padmavathi Medical College, SVIMS, Tirupati, Andrapradesh during the period of 2013-14. Complete blood counts (CBC), the demographic profile and other defined parameters were collected from the pretext questionnaires and exposed risk factors were collected and correlated with infection distribution. The collected data was analyzed by using SAS-16.50 version. Univariate analysis was performed to test the hypothesis. The age group between 15-20 (35.94 %), 20-25 was 17.19% ; 25-30 was 15.63% years respectively younger age group followed by 15-20 years(35.94 %) the prevalence was more and statistically significant ($p<0.01$) with associated age of the patient . The associated factors viz., allergis, allergic rhinitis, asthma, nasal polyps, smoking were positively correlated with prevalence and also significantly associated with different age group ($p<0.00$). The present study concludes that, the prevalence is more in rural population it could be reduced by the implementation of new innovative and sensitization programme at rural and elevated poverty indexed population.

KEYWORDS: Allergis, Prevalence, Risk Factors, Smoking

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