

FREQUENCY OF SINUSITIS AND OTITIS MEDIA IN PASSIVE AND ACTIVE SMOKERS.

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Tobacco smoke contains over 40 are carcinogens. Active and passive smoking causes many tobacco-related disease. Otolaryngological diseases are more frequently included in this group. The aim of the study was to investigate the prevalence of acute sinusitis and otitis media in active and passive smokers. The study included a total of 350 people (201 women, including 105 girls and 149 men, including 82 boys). The first group was the 196 passive smokers, and the second group consist of 154 active smokers. Questionnaire survey, clinical examination and analysis of medical records were performed in the study group. The following results were obtained in the study group over the year: 3.1% of sinusitis, 6% of otitis media in women passive smokers subgroup and 2.7% of sinusitis, 1.4% of otitis media in men passive smokers subgroup, and also 4.5% of sinusitis, 3.1% of otitis media in women active smokers subgroup and 5.3% of sinusitis, 2.9% of otitis media in men active smokers subgroup, respectively. In the group of adult men and women actively and passively smoking statistical significance was found only for sinusitis ($p < 0.003$), children up to 12 years exposed to passive smoking for both diseases (0,001) and people up to 19 years old passively and actively smoking as adults only for sinusitis ($p < 0.004$). Conclusions: Selected otolaryngology diseases are associated with active and passive smoking especially for children. Cigarette smoking is an important factor to the higher incidence of developing sinusitis in adults, less for otitis media.