## HOUSING ARRANGEMENTS AS PREDISPOSING AND RISK FACTORS FOR THE DEVELOPMENT OF UPPER RESPIRATORY TRACT DISEASES.

I.Teul-Świniarska<sup>1</sup>, J. Lorkowski<sup>2,3</sup>, Z. Ziętek<sup>1</sup>, D. Nowakowski<sup>4,</sup> Karina Nowicka<sup>3</sup>

1Chair of Human and Clinical Anatomy, Pomeranian Medical University,72 avenue Powst. Wlkp. 70-111 Szczecin, Poland, teul@life.pl

2Central Clinical Hospital of Ministry of Interior, Warsaw, Poland

3Rehabilitation Centre ,,Health", Cracow, Poland

4 Department of Anthropology, University of Environmental and Life Sciences, Wrocław, Poland

Modern people dwell and work in modernized, closed rooms. Changing lifestyles, energy-efficient construction, sealed housing construction, office and public favor conducive increased moisture combustion products, dust particles, many volatile odorants, bacteria, viruses, mites and fungi. The aim of the study was to determine the relationship between housing conditions and the incidence of cases of sinusitis and rhinitis in a year in a group of people referred by your GP or ENT specialist for radiology and tomography with suspected or documented medically sinusitis in Western Pomerania. The study was conducted in the years 2009/12. Surveys were received from 748 people (82.3% of total respondents), aged 6 to 78. The presence of minimum one or two symptoms suggestive of a relationship of sinusitis and rhinitis with environmental conditions has been demonstrated in more than 60% of the respondents. Upper respiratory tract infection confirmed 45% of respondents in group of people with the developing sinusitis during the year. People living in urban areas, the city center, on busy streets often suffered from infections of the upper respiratory tract. It has been shown that the more a crowded house and the room has more than one person often appears rhinitis. The studies that evaluated the incidence of upper respiratory tract and variable housing conditions, which may be responsible for the growth of sinusitis, turn out to be very useful. Those who are present frequent infections of the nose and paranasal sinuses require careful medical care in terms of accurate determination of their housing conditions.