

Connection between the origin and spread of malignant tumor diseases and the geographical (landscape) environment

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Anotation

A human and the geographical environment had never been connected as today. Anthropogenic impact growth and pressure on the environment, based on the new Field Medical Geography. By medical geography research, we can determine which impact may have environmental factors on Humans health.

research has proven that major of widespread diseases generate and their spread is connected with social and environmental factors, such as endemic diseases: pebbled diseases, gout, parasitic diseases, cardiovascular diseases, and malignant tumor diseases, which are considered as the most important challenge of the modern epoch. They are digestive cancer of organ, lung, skin, stomach, liver. Also, for the world, a big problem is the frequency of Leukemia in kids. Today kids are growing in such environment, where consumption of disinfectants and the things, which human consumes daily are mostly harmful (Aerosols) and it's considered as a usual thing.

Ionizing radiation, different chemicals (such as Benzene), which spreads in the atmosphere are also very harmful not only for kids but also in adults. Today there is a lot of knowledge of the connection between malignant tumor environmental factors. Lots of researches prove, that some cancers are connected with radiation in the atmosphere and chemical elements, this amount is more than permissible norm above urban cities. The connection between skin cancer and solar radiation. Some kinds of cancer in the drinking water and soil are connected with great content of some elements (iron, mercury, sulfur dioxide, nitrogen dioxide, etc) which causes esophageal tube and stomach cancers.

It is known that most cancer cases reveal in megapolises, industrial centers, where the concentration of chemicals is very high, and green cover is so limited. The areas of seaports are famous with an

abundance of oncology diseases. Here still continue the degradation of the coastline because of the petroleum products, except for air pollution.

Distribute of a malignant tumor is growing in Georgia too. At-risk are industrial cities: Tbilisi, Zestafoni, Batumi, Foti, Chiatura, Rustavi. That's why it is required to investigate and reveal risk factors. That's important to determine cure methods of treatment and ways to eliminate these. Also, it is necessary to grow awareness of people to decrease the number of risk factors. that's why, I think, that research on the given issue stays also an important challenge for the world and our country.