

Oncology: Study and Treatment of Tumors

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EDITORIAL NOTE

Oncology could be a branch of medication that deals with the bar, diagnosis, and treatment of cancer. A medical skilled World Health Organization practices medicine is a medical specialist. The name's history origin is that the Greek word ὄγκος (ónkos), meaning 1. "burden, volume, mass" and a pair of. "barb", and therefore the Greek word λόγος (logos), which means "study". The classical term medicine was used from 1618, at the start in neo-Greek, in cognizance of Galen's work on abnormal tumors. Cancer survival has improved thanks to 3 main components: improved bar efforts to scale back exposure to risk factors (e.g., tobacco smoking and alcohol consumption), improved screening of many cancers (allowing for earlier diagnosis) and enhancements in treatment. Cancers square measure usually managed through discussion on multidisciplinary cancer conferences wherever medical oncologists, surgical oncologists, radiation medical specialist, pathologists, radiologists, and organ specific oncologists meet to seek out the simplest potential management for a private patient considering the physical, social, psychological, emotional, and monetary standing of the patient. It's vital for oncologists to stay updated with relation to the newest advancements in medicine, as changes in management of cancer square measure quite common.

Tobacco

Tobacco exposure is that the leading reason for cancer and death from it. Smoking tobacco is powerfully related to accrued risk of cancers of the respiratory organ, larynx, mouth, esophagus, throat, brain, bladder, kidney, liver, stomach, pancreas, colon, rectum, cervix, and acute myelocytic leukemia. Smoke-less tobacco (snuff or mastication tobacco) is related to accrued risks of cancers of the mouth, esophagus, and duct gland.

Alcohol

Alcohol consumption will increase risk of cancers of the mouth, throat, esophagus, larynx, liver, and breast. The danger of cancer is way higher for people who drink alcohol and additionally use tobacco.

Obesity

Obesity Obese people have AN accrued risk of cancer of the breast, colon, rectum, mucous membrane, esophagus, kidney, pancreas, and vesica.

Age

Age Advanced age could be a risk issue for several cancers. The median age of cancer diagnosing is sixty six years.

Cancer-causing substances

Cancer-Causing Substances Cancer is caused by changes to sure genes that alter the method our cells perform. A number of them square measure the results of environmental exposures that harm polymer. These exposures could embody substances, like the chemicals in tobacco smoke, or radiation, like ultraviolet rays from the sun and alternative carcinogens.

Infectious Agents

Certain infectious agents, together with oncoviruses, bacteria, and parasites, will cause cancer.

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