



Cancer Research and Diagnosis is the major tool for the development of health, basic need of daily life, as well as to reduce different types of cancer diseases in the world particularly in South Asia.

Muhammad Usman

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Abstract:

The aims of presentation consist of cancer research, diagnoses, different types of cancer were studied and reported that Cancer Research and Diagnosis is the major tool for the development of health, basic need of daily life, as well as to reduce different types of cancer diseases in the world particularly in South Asia. Cancer is a group of more than 100 different diseases. It can develop almost anywhere in the body. The term oncology literally means a branch of science that deals with tumors and cancers. The word consist of “onco” means bulk, mass, or tumor while “-logy” means study. In a simple word, oncology is the study of cancer and its treatments in medical science. The most important oncology diagnostic remains the clinical history of the patient. Common symptoms that point towards cancer include fatigue, weight loss, unexplained anemia, fever of unknown origin etc. Oncology depends on diagnostic tools like biopsy or removal of bits of the tumors tissue and examining it under the microscope. Other diagnostic tools include endoscopy for the gastrointestinal tract, imaging studies like X-rays, CT scanning, MRI scanning, ultrasound and other radiological techniques, Scintigraphy, Single Photon Emission Computed Tomography, Positron emission tomography and nuclear medicine techniques etc. The oncologist’s role including. Explaining the cancer diagnosis and stage to the patient. Discussing all relevant treatment options and the oncologist’s recommendations. Delivering high-quality, compassionate care. Helping the patient manage cancer-related pain and other symptoms or treatment side effects.



Biography:

Muhammad Usman, Former Director General of Agricultural Research System, Government of Pakistan who retired from service after a spotless career of about 32 years with senior level experience on research and development of integrated agricultural production, industries, Agriculture & Horticulture and bioenergy on a sustainable way.

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