

# **STUDY ON SOME RISK FACTORS HAS A BIOPHYSICAL AND BIOCHEMICAL ASPECT FOR SOME TYPES OF CANCER IN ALGERIA: CASE OF CHLEF AREA.**

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## **Abstract:**

The cause of cancer is multifactorial according the type of cancer. Ultraviolet radiations, ionizing radiations, Tobacco and environmental are among the different risk factors has a biophysical and biochemical aspect of Chlef area in Algeria.

After the collaboration with the oncology and epidemiology services of Chlef region and other as an administrative and a demographic services in Algeria for more than five years. In this work, we are studying medicals records of three types of cancers: breast cancer, lung cancer and skin cancer patients, either for discover the different risk factors for these types of cancer, either for these studied patients or the general population.

From January 2014 until the end of December 2018, we have collected more than 1200 cases of patients of all these three types of cancer in the Chlef area. The number of population in the study area at the end of the study period is about 1222000 people, but the total number of Algerian population is about 42,2 million inhabitants. Breast cancer incidence rate of the Algerian population is more than 28,45 cases per 100000 female population, but the incidence rate of chlef region is more than 17,29 cases of breast cancer. We found that the ultraviolet radiations as a first major risk factors of skin cancer and the tobacco as a first major risk factors of Lung Cancer.

The Cancer is a major public health problem, the ultraviolet radiations; Tobacco and the Age are some risk factors of these types of cancer in this study. The prevention and early diagnosis are needed for reduce of rate these cancers in Algeria and worldwide.

**Key-words:** Breast Cancer, lung cancer, skin cancer, risk factors, Algeria.