

# Abstract

Leukemia represents one -- third of all cancers that are diagnosed every year worldwide .About 8000 people in the United Kingdom are diagnosed with leukemia each year, and in 2010, 4504 people died in the UK from this disease. Leukemia encompasses a clinically and pathologically diverse set of conditions whose incidence and prevalence are rising. In the past, leukemia was classified on the basis of the morphological characteristics of abnormally proliferating leucocytes in the blood and bone marrow Leukemia is a cancer of circulating white blood cells. Leukemia are divided into acute and chronic types.

This study include collecting data about fifty specimens were selected randomly from different type of Leukemia cancer's patients with age range between 5 and 84 years, All specimens of patients were collected from Al-Karama Teaching Hospital, Al-Zahraa Teaching Hospital in Wasit Province.

The descriptive data showed that seventy two percent of patients have leukaemia type AML and 20% have type ALL and 8% have type CLL and 2% have type CML. Moreover, the same results demonstrated that the age group of patients between 2\_20 years was more common than the other groups . this result indicated that number of cases increased by increasing of age. Also, the results showed this disease was more incidence in females than males.