Epidemio-genetic characterization of Tlemcen's population by Acute Leukaemia
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Abstract

Background : Acute lymphocytic leukemia (ALL) is a cancer that starts from the early version of white blood cells called lymphocytes in the bone marrow, the term "acute" means that the leukemia can progress quickly, and if not treated, would probably be fatal within a few months. The work ame is the description of the epidemio-genetical characteristics linked to cases with acute leukaemia in Tlemcen's city.

Methods : This work is a descriptive retrospective study of 128 patients with acute leukaemia, notified in the haematology unit of the Tlemcen's teaching hospital, from 2008 to 2015 for the and 30 patients from Mars to May 2016. The collected informations included : the age at diagnosis, the sex, the geographical location, family history of cancer, Profession, Weight, Height and education level.

Results : The diagnosed majority cases come from Tlemcen's town (56.66%). The age extends from17 to 88 years, the average age was of 47 years. The male sex was prevalent with a sex-ratio of 3,29

Conclusion:The epidemiologic profile of acute leukaemia was compared with other studies reported in the literature with some differences; this should be due to the small sample of our study. Other exploratory studies will make it possible to identify and characterize ethnic, environmental, genetic and hormonal risk factors for this type of cancer.

Key words: Cancer, Acute leukaemia, Epidemiology, Characterization, Genetics, Public health, Population, Tlemcen, Algeria.

1. **Declaration of conflicts**

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2. **Authors' biography**

No Biography

3. **References**

No reference