

# EPIDEMIOLOGICAL AND HISTOPATHOLOGICAL ASPECTS OF KIDNEY CANCERS FROM 2015 TO 2019: MALI CANCER REGISTRY DATA.

Authors: Traoré H.\*, Keita B., Keita M., Coulibaly B., Kamaté B., Traoré C.B. and Bayo S.

**Pathological Anatomy and Cytology Department**

E-mail : [gafouh@yahoo.com](mailto:gafouh@yahoo.com)

**Introduction :** The objective of our work was to describe the epidemiological and histopathological aspects of kidney cancer in Mali.

**Material and methods:** This was a retrospective and descriptive study of kidney cancers collected from the Malian cancer registry in the Pathological Anatomy and Cytology department of the Point G University Hospital, from January 2015 to December 2019.

**Results:** We collected 173 kidney cancers diagnosed in the Bamako district representing 1.73% of all cancers diagnosed and registered during the same period. Our patients were male in 96 cases (55.5%).

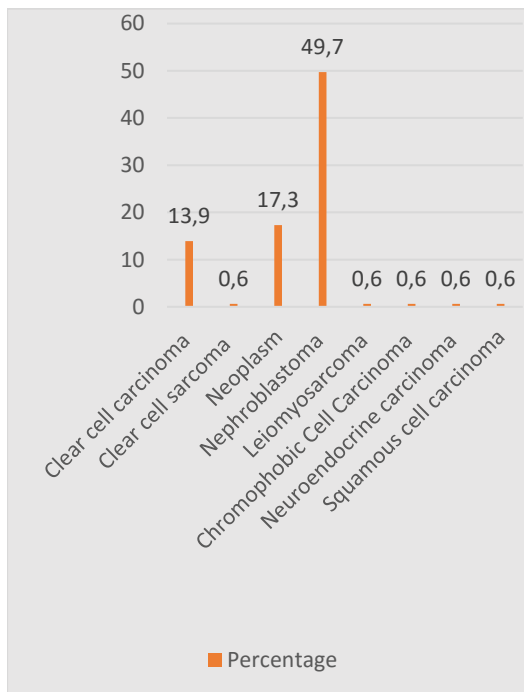


Fig 1: Distribution of cases according to histological type

Nephroblastoma accounted for 86 cases (49.7%)

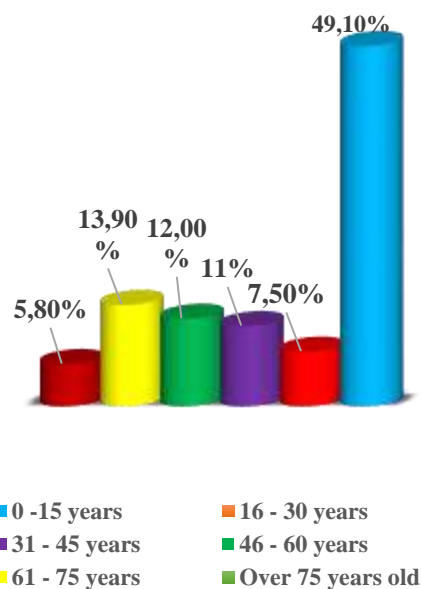


Fig 2: Distribution of cases by age group.

The 0-15 age group was the most represented with 85 cases (49.1%). The average age is  $28.88 \pm 28.52$  years with extremes of 0 and 99 years.

**Conclusion:** Unlike the literature, in our study, it appears that kidney cancer is becoming more and more frequent. Children are the most affected with nephroblastoma as the most common histological type. The establishment of a program to fight against these cancers would be necessary.

## Bibliographical references:

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