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## Oral squamous cell carcinoma in pediatric Moroccan population: A retrospective study

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**Purpose:** Study the epidemiological and histopathological profile of the oral cancers in children in care at the Pediatric Hemato-Oncology, Stomatology and Maxillofacial Surgery departments at the 20 August Hospital in Casablanca and at the Hospital of children in Rabat. Our aim is to define the importance of the pediatric oncology, especially the one affecting the oral cavity and also to describe the oral cancers in children, their frequencies and their histo-pathological characteristics. We collected 71 patients' consultation records and files between 2004- 2012.

**Materials & Methods:** This is a retrospective study of 126 children hospitalized between 2010 and 2013 of the Pediatric Hemato-Oncology Department, Stomatology and Maxillofacial Surgery department at the 20 August hospital in Casablanca and also in the Pediatric Hemato-Oncology Department at the hospital of children in Rabat and in which we diagnosed a confirmed cancer of the oral cavity.

**Results:** In our sample, all age groups were affected by the disease process, but ages between [0-4] years and [13-16] were the most affected with an average age of 8 years and extremes ranging from 4 months to 16 years. In our population sex sample, we noted a slight female predominance with 50.7% of cases. Non-Hodgkin lymphoma Burkitt was the most common histological type with 35.2% of cases. Cheeks represented the most frequent localization with 37.9% of cases, while the maxillary represented 19.7% of cases. Chemotherapy has been the exclusive therapeutic strategy most used in our sample in 67.6% of cases.

**Conclusion:** Epidemiological, clinical and pathological characteristics of cancers of the oral cavity in our population are not different from the literature data. However, the parents' lack of awareness and late diagnosis of these lesions appear to be responsible for the dramatic profile of oral cancers.

### Biography

N Akerzoul obtained her Doctorate of Dental Surgery (DDS) from Mohammed V University, Morocco. She is the General Practitioner Dentist in Oral Health Center of Guelmim City, Morocco. She is currently a 3rd year Resident Oral Surgeon in Center of Consultation of Dental Treatments of Rabat, Faculty of Dentistry of Rabat, Mohammed V University, Morocco. She also obtained University Diploma of Biostatistics and Research Methodology. She is the author of many International Publications in the field of Oral Surgery and Oral Oncology. She is the International Presenter (Oral & Poster Presenter) in different meetings of Oral Surgery and Head & Neck Oncology in Turkey and the USA. She serves as the Editorial Board Member in Department of Oral and Maxillofacial Surgery of the International Journal of Oral Health and Medical Research (IJOHMR) and also Journal of Cosmetology and Orofacial Surgery. She is a Reviewer in OMICS GROUP Biomedical Journals.

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