

## Ocular and Adnexal Cancers in Onitsha Nigeria

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**Purpose:** To describe the incidence and pattern of ocular and adnexal cancers at the Guinness Eye Center, Onitsha

**Methods:** The case files of all patients seen with ocular and adnexal tumors at the Guinness Eye Center, Onitsha between 2005 and 2017 were reviewed. Those with histological diagnosis of malignancy were selected and analyzed. Information obtained included age, sex, disease duration, diagnosis and co-morbidity.

**Results:** There were 85 patients (0.1% of new all patients), made up of 42 males and 43 females. The median age was 5 years; range: 5 months – 70 years. The commonest cancers were retinoblastoma, 45 patients (52.9%) and conjunctival squamous cell carcinoma, 30 (35.3%). Twenty eight (93.3%) squamous cell carcinoma cases were HIV-positive. No child had squamous cell carcinoma. All retinoblastoma patients were aged <math>\leq 6</math> years.

**Conclusion:** The incidence of ocular and adnexal cancers in our hospital is at least 0.1%. Retinoblastoma and conjunctival squamous cell carcinoma accounted for 88.2% of the cancers. Retinoblastoma was the lesion seen in almost all the children; squamous cell carcinoma was common among young adults most of who were also HIV positive.

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