



# Case Report: Primary Orbital Plasmacytoma by Wilson



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## Abstract

Primary orbital plasmacytoma is a rare disease of worldwide distribution. Accordingly, a case report from Nigeria is deemed to be research worthy.

**Keywords:** Orbit; Plasmacytoma; Worldwide cases; Nigeria

## Introduction

Plasmacytoma of the orbit is a rare lesion. Reports on it have come in alphabetical order from Brazil [1], India [2-4], Indonesia [5], Korea [6], Spain [7] and USA [8]. Now, it is in keeping with the observation made in Birmingham (UK) that the establishment of a histopathology data pool stimulates epidemiological analysis [9]. Therefore, such a pool was established at Enugu, Nigeria, by the Government in 1970 for the service of the Igbo ethnic group [10,11]. Being the pioneer pathology, let me present the typical case which was diagnosed personally.

## Case Report

UC, a 25-year-old woman, consulted my co-author, (EI), with the complaint of a hard tumoral mass on the lateral side of the left orbit. It was diagnosed as a malignant tumor and biopsied. The specimen arrived as a lobulated, whitish, soft mass 4cm across. Microscopy showed sheets of tumor cells. They were highly mitotically active. The plasma cell look was striking. Plasmacytoma was diagnosed.

## Discussion

My literature searches revealed comparable case reports. They are deemed to be worthy of comparative documentation with special references to the Nigerian epidemiological data. As to the ages, 3 females were aged 42 to 59 years (mean 50 years), while 6 males were aged 43 to 73 years (mean 58 years). Both ranges are a contrast to the Nigeria female aged only 25 years. The orbit was involved 8 times, the eyelids 3 times, and the lacrimal gland once. Like the published majority, the local case was orbital. The mode of obtaining the specimen was not always stated. Biopsy was used 3 times, surgical removal 2 times and cytology once. The local patient was biopsied.

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