



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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