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Bilateral retinoblastoma with extra-retinal diffusion: 2 cases series

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Introduction: Retinoblastoma is an embryonal tumor of neuroectodermal origin, highly malignant affecting the young child and the infant. It is bilateral in 40% of cases. We report 2 clinical cases of bilateral retinoblastoma with extra-retinal diffusion which is a poor prognosis factor.

Case 1: DW, 20 months brought in our ophthalmology service in 2009 with a tumor of the left eye since one month with a past history of leucocoria since birth. At the ophthalmology exam, he was classified at stage V of Reese- Ellsworth for the contro-lateral right eye and orbital extension of the left eye. He has been enucleated for the left eye and received 3 doses of chemotherapy. The patient was lost of view 2 months after the surgery.

Case 2: H O, 3 years central African refugee referred in our ophthalmology service on June 2015 for the care of a tumor of the right eye since 3 months. She had a leucocoria in the right eye since one year; with past history of 1st degree consanguinity. The ophthalmology exam showed a great tumor with necrosis and inflammation of the right eye. At the left eye, sub-retinal mass with retinal detachment stage-V of Reese- Ellsworth, she has received neoadjuvant chemotherapy and exenteration of the right eye. She died few hours after the surgery. These 2 cases have been seen late in an appropriate ophthalmology unit. The prognosis was poor because of the extra retinal diffusion of the tumor.

Biography

Caroline Mvilongo Tsimi has completed her MD degree from Yaounde Faculty of Medicine and Biomedical Sciences. She is an Ophthalmologist at Yaounde Central Hospital and has published some papers in reputed journals.

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