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Service (sector) Orbit N° CEP

**Survey of 874 patients taken care of in the sector of Orbit in the period of 2001 ~2004.**

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**PURPOSE:** To determine the incidence of orbital diseases in the Department of Ophthalmology – Orbit sector through the period of 2001 ~2004 in a retrospective study. **METHODS:** A retrospective study was carried out for 874 consecutive patients from the orbit sector. The patients were first classified in three large groups. Group1 – Inflammatory diseases; Group 2 – Tumors; Group 3 – Others. The specific diagnosis was based on clinical findings, computed tomography scan results, magnetic resonance imaging results, and histopathologic analysis result, when available. The number and percentage also was determined. **RESULTS:** Among 874 consecutive patients, the number and percentage of pathology in each group were? Group 1 – Inflammatory diseases: cellulites, 18 cases (2,06%); pseudotumors, 22 cases (2,52%); Graves’Ophthalmopathy, 371 cases (42,45%). Group 2 – Tumors: cystic lesions, 44 cases (5,03%); vasculogenic lesions, 23cases(2,63%); peripheral nerve lesions, 14 cases (1,60%); optic nerve and meningeal tumors, 30 cases (3,43%); connective tissue tumors, 4 cases (0,46%); leukemia lesions, 1 case (0,11%); osseous and fibro-osseous tumors and cartilaginous lesions, 11 cases (1,26%); lipocytic and myxoid lesions, 1 case (0,11%); myogenic tumors, 1 case (0,11%); lacrimal gland lesions, 13 cases (1,49%); lymphoid tumor, 25 cases (2,86%); histiocytic lesions, 3 cases (0,34%); primary melanocytic lesions, 1 case (0,11%); metastatic tumors, 7 cases (0,80%); secondary orbital tumors, 17 cases (1,95%); ALHE, 1 case (0,11%). Group 3 – craniostosis, 8 cases (0,92%); Trauma, 53 cases (6,06%); fistula, 14 cases (1,60%); pseudoproptosis, 7 cases (0,80%); other pathologies, 28 cases (3,20%); without diagnosis end follow up, 150 cases (17,16%); normal, 7 cases (0,80%). **CONCLUSION:** In this series of 874 cases, 47% were inflammatory diseases, 22,4% were tumors and 30,6% were others. Graves’ophthalmopathy was the most common pathology, representing 42,45% of all cases, and cystic lesions was the most common lesions in tumors, representing 22,45% of cases.