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**SECTION : ORBIT & OCULOPLASTY**

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**FREE PAPER 4 [FP1430]**

**RETINOBLASTOMA PRESENTING AS PRESEPTAL/ORBITAL CELLULITIS: A STUDY OF 40 CONSECUTIVE CASES**

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Purpose: To study the clinical and histopathology features, management, and outcomes of retinoblastoma (RB) presenting with preseptal/orbital cellulitis Methods: Retrospective study Results: Of 551 patients with RB, 51 eyes of 40 (7%) patients presented with preseptal/orbital cellulitis. Majority were females (n=24, 60%) with a mean age at diagnosis of 33 months. Group E tumor was noted in 32 (63%) eyes, orbital/optic nerve tumor extension in 12 (24%), and intracranial extension in 7 (14%) eyes. On histopathology (n=27), 4 had postlaminar or massive choroidal involvement (pT3a), and 1 had evidence of both (pT3b). 37 (93%) patients received intravenous chemotherapy as neoadjuvant (n=25), adjuvant (n=7) or both (n=5). 5 of these received additional adjuvant radiotherapy. At a mean follow-up of 25 months, 11 (28%) patients died due to the disease Conclusion: Preseptal/orbital cellulitis is a rare presenting feature (7%) of RB, and is associated with advanced tumor and poor prognosis

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