

Title : Advanced Case of Invasive Basal Cell Carcinoma with Extensive Ocular Myiasis

Author Name : Mudavath balaji Naik

CO Author Name : A Nanjundappa

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Department : Department of Head and Neck Oncology

Asbtract :

Background: Ocular myiasis or ophthalmomyiasis means the infestation of the eye on a background of foul smelling skin infection or advanced case of skin cancers. Older people, immunocompromised patients with orbital carcinomas, diabetics and patients on immunosuppressive therapy, poor environmental sanitation and personal hygiene are prone for this infestation.

Case report: A 72-year-old female reported to us with extensive myiasis of the right eye. Lesion of 4 × 4 cm at the medial canthus and the right maxillary region with the right nasal dorsum was infested with maggots. All the larvae were removed with forceps and the wound debrided.

Intervention: The larvae were present for a week and on healing the wound was evaluated with computed tomographic (CT) scan paranasal sinuses with axial and coronal section. As no bony erosion and intracranial extension was noted hence considering the age and diabetic status surgery was not contemplated and the lesion was irradiated.

Conclusion: Ocular myiasis is a rare disease, accompanied by marked inflammatory reactions and secondary bacterial infections with massive destruction and life-threatening consequences, such as intracranial invasion. Prompt management with debridement and radical antibacterial therapy is essential.