

Multi-Resistant Enterobacter Cloacae Dacryocystitis and Preseptal Cellulitis: Case and Review of Literature

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Abstract : A 61-year-old man with no significant past medical history presented to a quaternary ophthalmic referral center with acute right-sided medial canthal pain, periorbital edema, and erythema despite oral antibiotic therapy. CT imaging confirmed the presence of right preseptal cellulitis and lacrimal sac aspiration identified multi-resistant Enterobacter cloacae. A diagnosis of acute right-sided dacryocystitis with preseptal cellulitis was made. He was successfully treated with broadening of antibiotic therapy to intravenous meropenem. The symptomatic resolution was noted on follow-up without evidence of disease recurrence. To the Authors' best knowledge, this is the first reported case of multi-resistant E. cloacae dacryocystitis and preseptal cellulitis. The management of this patient required a multi-disciplinary approach, so the Authors believe this report is relevant to general ophthalmologists and oculoplastic sub-specialists.

Keywords : enterobacter, dacryocystitis, preseptal cellulitis, antibiotic resistance

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