An interesting case of preseptal cellulitis

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CASE PRESENTATION

A 39-year-old woman presents to the Emergency Department with swelling and erythema of her face involving the right eye. Her symptoms were preceded by a 6-day history of sore throat, fever and chills. Her medical history is significant for depression and she is on sertraline 25 mg P.O. daily. On exam the patient had diffuse erythema and swelling in the lower half of her forehead and the entire region surrounding her right eye. Her right eye was swollen shut. Gross examination of the eye revealed no proptosis, no ophthalmoplegia and normal ocular movements. Pupils were round and equal with normal direct and consensual response. A CT scan of the head showed no involvement of the orbit and sinuses. Blood culture, urine culture and antistreptolysin O titre (ASOT) were all negative. Interestingly, the patient’s husband was admitted to hospital a few days earlier with aggressive leg cellulitis and her child recently had strep throat and impetigo. Although no infectious organism was identified in this patient, Streptococcus pyogenes was isolated in an area of cellulitis on her husband’s leg. For this reason, she was treated for S. pyogenes with ceftriaxone 1 mg IV OD for three days followed by cefuroxime 500 mg P.O. BID for 10 days.

REFERENCES