



Cutaneous Anthrax on Forehead Region Accompanied with Periorbital Edema

Alın Bölgesindeki Kütanöz Şarbona Eşlik Eden Periorbital Ödem

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A 14-year-old and previously healthy girl has admitted to the emergency department with a wound on her right forehead and swelling around her eyes. It was stated that the wound area in the forehead emerged as itching acne and growing about a week ago, and that the swelling around the eyes appeared for the last three days. In physical examination; 2 x 2 cm bilateral periorbital edema was observed on the right side of the forehead, in the vicinity of the scalp, surrounded the erythematous, ulcerated, black-crusts and painless wound and more significant on the right (Figure 1). Other systemic examinations and blood tests were normal. The wound of the patient, who had animal contact, ranching and there was anthrax in the village where they live, was compatible with anthrax and anthrax treatment was initiated (intravenous ciprofloxacin). For periorbital edema, intravenous methylprednisolone and feniramine were administered. Contrast-enhanced computed tomography to exclude possible preseptal and orbital cellulitis was normal except for the edema around the eye. In the swab specimen from the forehead, *Bacillus anthracis* polymerase chain reaction was positive and cutaneous anthrax was diagnosed. After 10 days of intravenous antibiotic therapy, her wound was shrunk and a black-colored scab was formed. The patient whose periorbital edema completely regressed was discharged with oral ciprofloxacin and her treatment was completed in 14 days.



Figure 1. 2 x 2 cm bilateral periorbital edema on the right side of the forehead, in the vicinity of the scalp, surrounded the erythematous, ulcerated, black-crusts and painless wound and more significant on the right.

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