

The treatment of an unhealed burn wound with Citrugel® and Eclypse®

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A 4 year old girl was presented to Alkindi hospital with an unhealed burn wound of lateral aspect to the left thigh and part of scalp. The patient sustained the burn at home 45 days ago by hot vegetable oil and was treated at private hospital.

The patient has a past medical history of nephrotic syndrome; about 3 months ago she was treated with predlon (oral corticosteroid) 5mg three times daily, she was still on this medication the day of admission.

On examination

Full thickness burn in the lateral aspect of left thigh and part of the scalp with fragile unhealthy granulation tissue without pus or eschar.

Diagnosis

Delay in burn healing due to corticosteroid (predlon), hypoalbuminemia (caused by nephrotic syndrome), and mismanagement of the wound.

Treatment

The patient was admitted to burn and plastic surgery unit in Alkindi hospital and was given:

1. Gradual ceasing of oral predlon with monitoring 24 hours urine proteins.
2. Vitamin A orally
3. Albumin supply according to blood albumin level.

4. Regarding local treatment of the wound in 2 areas: First on the scalp (traditional treatment, cleansing by betadin and application of flamazine, furacillin, and fucidin ointment and cotton gauze). Second on the thigh in the same manner.

First day:

Cleansing the wound using normal serum, drying, applying Citrugel® and Eclypse® every 8 hours.

Second and third days:

Cleansing the wound by normal serum, drying, applying Activon Tube® and Eclypse® every 8 hours.

After the third day:

Cleansing the wound by normal serum, drying, applying Algivon® and Eclypse® every 2- 4 days.

Results

On the 14th day:

The thigh wound is nearly healed. The scalp wound has not healed and needs skin grafting.

Conclusion

Although the result of our case study showed a promising outcome, we believe the result warrants further investigation into the beneficial effect of the treatment.



On admission



3rd day



6th day



8th day



11th day



14th day