

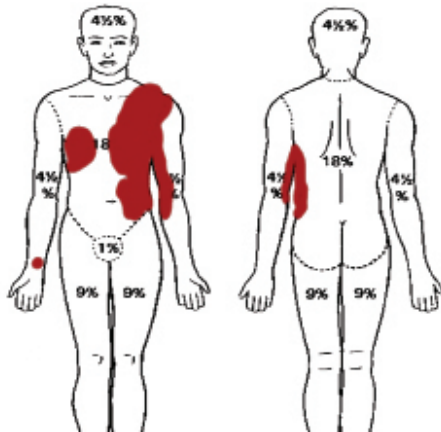
Second & third degree burns to the chest treated with Activon Tube®, Actilite® and Eclypse® dressings

Dr. Mohammad Ali Ajam- M.D.F.R.C.S & The head of burn unit, Dr. Shervin Shalbaf - Resident of plastic surgeon, Al-Kinidi Hospital Plastic Surgery & Burn Unit.

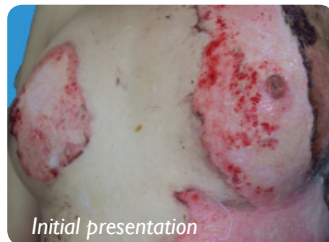
Background

The patient is female, 15 years old. She burnt herself while playing with fire on 6th November 2009. She came to hospital 4 days after the incident and was admitted to hospital on 10th November 2009.

The burn was to the right breast and right lateral side of chest wall, right axillary area with anteromedial arm, the left breast was also burned.



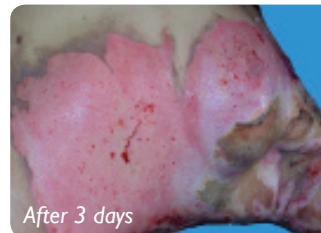
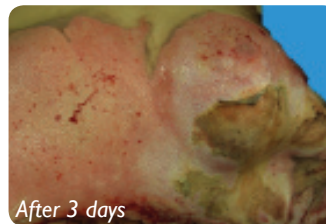
The burns were second degree and third degree around 20% of her body surface. Because the patient delayed coming to hospital for treatment infection maybe likely.



The wound was cleaned by normal saline fluid. Hydrogel was applied with Eclypse® as the secondary dressing.

Blood exam result

- WBC: 16080 ul
- Hg: 12.3 g/dl
- Plt: 191000 ul
- BS: 67 mg/dl
- Ur: 17 mg/dl
- Cr: 0.39 mg/dl
- Alb: 3.7 g/dl
- Na: 134.9 mmol/L
- K: 3.66 mmol/L
- Cl: 96.4 mmol/L
- Blood group: +O



The dead tissue was removed and the wound cleaned with saline solution. Activon Tube® was applied with Actilite® over the top. Eclypse® was then applied as a secondary dressing.



First visit shown below as an outpatient, this is 20 days after initial presentation.



Conclusion

The majority of the burn area healed in no more than 14 days without needing a skin graft. A small percentage of the burn area needed a skin graft, this was at the third degree burn area that will need more attention.

During dressing she did not care for the smell of Actilite®, however pain was reduced and no need for any sedation.

As blood analysis show during treatment her WBC decresies and her Albumin rise to normal without need any Albumin injection. Hemoglobin is stable and came to normal.



Blood exam results before being discharged

WBC: 5922 ul

Hg: 12.7 g/dl

Plt: 231000 ul

BS: 72 mg/dl

Ur: 17 mg/dl

Cr: 0.39 mg/dl

Alb: 4.2 g/dl

Na: 134.9 mmol/L

K: 3.66 mmol/L

Cl: 96.4 mmol/L

Blood sample analysis

