

Second degree burns treated with Hydrogel, Activon Tube®, Actilite® and Eclypse® dressings

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

Background

Mr M is a 15 year old male, he burnt himself while playing with fire on November 24th 2009. The burns are second degree at his posterior and lateral side of legs and his gluteal area on both sides and the dorsum side of his left hand.

Initial blood exam result



- Nov.24.2009
- WBC: 8190 uL
- Hb: 13.2 g/dl
- Plt: 167000 uL
- BS: 135 mg/dl
- Ur: 25 mg/dl
- Cr: 0.53 mg/dl
- Albumin: 3.4 g/dl
- Na: 133 mmol/L
- K: 3.6 mmol/L
- Blood group: +A



Mr M's entire body was washed with normal saline serum, his wound was cleaned of foreign bodies such as stone and dust. A hydrogel was used over his left leg and then dressed with Actilite® and finished off with Eclypse®.



Blood exam result after one week

- WBC: 4820 uL
- Hb: 12 g/dl
- Plt: 202000 uL
- BS: 122 mg/dl
- Ur: 25 mg/dl
- Cr: 0.37 mg/dl
- Albumin: 3.2 g/dl
- Na: 142.7 mmol/L
- K: 3.99 mmol/L
- Cl: 104.2 mmol/L

Blood exam result

	Nov. 24	Dec. 1	Dec. 3	Dec. 6
WBC	8.19	4.82	6.09	5.09
Hb	13.2	12	12.5	11.3
PLT	167	202	171	309
BS	135	125	110	114
Ur	25	25	30	28
Cr	0.53	0.37	0.53	0.46
Alb	3.4	3.2	3.4	3.6
Na	133	142.7	133.3	138.8
K	3.6	3.99	3.85	3.73
Cl	-	104.2	97.9	102.4