

Effect of aloe vera gel to healing of burn wound a clinical and histologic study.

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In a study of twenty-seven patients with partial thickness burn wound, they were treated with aloe vera gel compared with vaseline gauze. It revealed the aloe vera gel treated lesion healed faster than the vaseline gauze area. The average time of healing in the aloe gel area was 11.89 days and 18.19 days for the vaseline gauze treated wound. Statistical analysis by using t-test and the value of $P < 0.002$ was statistically significant. In histologic study, it showed early epithelialization in the treated aloe vera gel area. Only some minor adverse effects, such as discomfort and pain were encountered in the 27 cases. This study showed the effectiveness of aloe vera gel on a partial thickness burn wound, and it might be beneficial to do further trials on burn wounds.