

**APPLICATION OF ALOE VERA TO REDUCE PAIN SCALE IN BURN WOUNDS
IN PLOSOREJO VILLAGE, MATESIH, KARANGANYAR**

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ABSTRACT

Background: According to the latest data from 2023, it is estimated that around 180,000 deaths each year are caused by burns. The most recent data from Indonesia in 2024 estimates that burn patients account for about 1.3% of the population, or approximately 3.5 million people experience burns each year. In Central Java, the number of burn patients was around 12,213 cases in 2018, with cases fairly evenly distributed across several regencies and cities. The treatment of burns requires comprehensive care, including effective pain management. **Objective:** To describe the outcomes of applying aloe vera to patients with burn injuries. **Method:** This study employed a case study approach using a qualitative descriptive research design. **Results:** The pain scale of both respondents before the application of aloe vera compresses was 7, indicating severe pain. After the application of aloe vera compresses, the pain scale for both respondents was reduced to 0, indicating no pain. There was a significant difference in pain levels before and after the application of aloe vera compresses to the burn injuries. **Conclusion:** Aloe vera compresses were effective in reducing the pain scale of burn injuries from severe to no pain.

Keywords: Aloe Vera, Burn Injury, Pain Scale