

## Treatment of Skin Disorders with Aloe Barbadensis Miller

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The skin is the largest organ and functions as a barrier to protect the underlying tissues against the elements and pathogens, while also fulfilling many physiological roles and biochemical functions such as preventing excessive water loss. Skin disorders vary greatly in terms of origin, severity, symptoms and affect persons of all ages. Many plants have been used for medicinal purposes since ancient times including the treatment of skin disorders and diseases. Aloe represents one of the earliest medicinal plant species mentioned in antique scriptures and even in rock art dating back thousands of years. Different Aloe species and materials have been used in the prevention and treatment of skin related disorders. Aloe vera is the most commonly used Aloe species for medicinal purposes. Some of the most prominent skin related applications and disorders that Aloe materials have been investigated for are discussed in this paper, which include cosmetic, radiation, cancer, wound and antimicrobial applications. Both in vitro and in vivo studies are included in the discussions of this paper and comprehensive summaries of all these studies are given in tables in each section. Although some contradictory results were obtained among studies, certain Aloe materials have shown excellent efficacy and exhibited potential for the treatment of skin related disorders and cosmetic applications.

Eczema causes the skin to crack and bleed, making a person more likely to get skin infections. The antimicrobial effects of aloe vera may prevent these infections. Aloe vera's wound-healing properties may help patches of broken skin to heal more quickly. A small-

scale 2017 study found that an ointment containing a mixture of aloe vera and chamomile may help relieve the symptoms of diaper dermatitis. Natural treatments can reduce eczema symptoms, but there is no cure for the condition. For a person to prevent eczema, it is important to identify the specific causes and triggers and avoid them as much as possible. Talk to a doctor about how to treat and prevent eczema. People can use aloe vera products in the same way as other moisturizers. Apply the gel directly to the affected areas of skin and gently rub in. First, clean the skin with unscented soap and water, then apply aloe vera to the eczema within 3 minutes to prevent the skin from drying out. Reapply twice per day or according to a doctor's recommendations.

Before using any new product, including aloe vera, try it out on a patch of skin first to check for potential allergies. Aloe vera gel is a characteristic antibacterial lotion. Utilizing aloe vera for dermatitis can hydrate the skin and may lessen the danger of dermatitis becoming contaminated. As per episodic proof and a few existing examinations, aloe vera can be powerful for the treatment of skin inflammation. It should be protected to use for the vast majority. It is feasible to blend aloe vera with another normal cure, which might build its viability. Doing a fix test initially is smart to keep away from any possible disturbances and sensitivities. There are additionally numerous other normal treatment choices accessible for individuals whose skin inflammation doesn't work on after treatment with aloe vera.

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**Received:** November 06, 2021; **Accepted:** November 17, 2021; **Published:** November 26, 2021

**Citation:** John Beale (2021) Treatment of Skin Disorders with Aloe barbadensis miller. Nat Prod Chem Res. 9:e423.

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