

Brief Note on Atopic Dermatitis

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Received date: September 20, 2021; Accepted date: October 04, 2021; Published date: October 11, 2021

Citation: Kulchin X (2021) Brief Note on Atopic Dermatitis. Clin Pediatr Dermatol Vol.7 No.4:001.

Description

Atopic Dermatitis (AD) is a very prevalent pediatric condition that has a significant impact on the quality of life of affected children and their families. While pruritus is the hallmark sign of this disease, AD has been well-documented to influence patients beyond physical indications, resulting in behavioral difficulties, mood syndromes, and sleep disturbances. Caring for children affected by AD can be an enormously time-consuming task that can harm personal relationships, undermine psychosocial functioning, and cause sleep loss among family members of affected patients. Moreover, AD may result in work absenteeism or decreased work productivity for caregivers. Patients frequently adopt specific diets, irritant and allergy avoidance techniques, and alternative therapies to manage their illness, which needs a high level of family involvement. Atopic dermatitis can have a substantial impact on the quality of life of afflicted children's families in a variety of areas, including sleep, money, and relationships. Early intervention and psychotherapy may be required in some patients to address these quality of life impairments. Oral bacteriotherapy with probiotics may be effective in the treatment of Atopic Dermatitis (AD). The most essential and crucial step in combating Atopic Dermatitis (AD) is rehydration of the stratum corneum. Adequate rehydration preserves the stratum corneum barrier, diminishing the direct effects of irritants and allergens on the skin and exploiting the effects of topically applied therapies, thus decreasing the necessity for topical steroids.

Symptoms

Although symptoms and signs may differ from person to person, the most common symptoms are dry, itchy, red skin.

- Itch is the hallmark of the ailment.
- Usually, affected skin areas comprise the folds of the arms, the back of the knees, wrists, face, and neck.

- Itchiness is a crucial factor in atopic dermatitis, since scratching and rubbing can aggravate the ailment's skin inflammation.
- People with atopic dermatitis appear to be more sensitive to itching and feel the need to scratch longer in response.
- The extreme itchiness of the skin causes itching, particularly.
- Itching is predominantly a problem during sleep when conscious control of scratching decreases and the absence of other outside stimuli makes the itchiness more noticeable.

Causes

The cause of atopic dermatitis is not known, but the ailment seems to result from a combination of genetic and environmental factors. There appears to be a basic cutaneous hypersensitivity and an augmented tendency toward itching. Evidence suggests that the ailment is associated with other, so-called atopic disorders such as hay fever (seasonal allergies) and asthma, which numerous people with atopic dermatitis also have.

Treatment

Treatment will depend on the signs, age, and general health. It will also depend on how severe the condition is. There is no cure for atopic dermatitis. Treatment aims to ease itching and inflammation, adds moisture, and prevents infection. Treatment of atopic dermatitis comprises:

- Stay away from irritants, as instructed by the healthcare provider.
- Bathing with a gentle cleaner or body wash as directed by the healthcare provider.
- Use the moisturizing lotion advised by the health care provider.