Atopic Dermatitis (AD)

What is Atopic Dermatitis?

Atopic dermatitis (AD), the most common type of eczema, is a chronic, relapsing, inflammatory skin condition. 1,2

AD is not contagious. It is caused by a complex interaction of immune dysregulation, gene mutations and environmental factors. This leads to inflammation and damage to the skin. The damaged skin is then more susceptible to the irritants and allergens encountered in every-day life, as well as infections.^{3,4}



Prevalence

children and 2-10% of adults in most countries.5

AD affects up to 20% of

infancy or early childhood before 5 years of age.6

AD typically first occurs in









As patients age, AD often becomes less severe, even clearing in ~60% as they

and allergies can put an individual at higher risk of developing the condition.4

enter puberty. However, ~50% of patients may experience symptoms again.6-8 Symptoms

The most common symptom of AD is **itch**.

AD is characterized by itchy skin that turns into an itchy, red rash. It can

develop anywhere on the skin at any time, but the body area affected and type of rash often depend on the person's age²:



that feels dry, raw, and scaly



their elbows and back of the knees



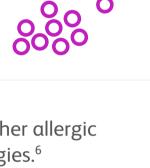
thick and leathery from years of inflammation and itching, appearing as dark or light skin patches

Infection by bacteria, such as *Staphylococcus* aureus is particularly common

People with AD have a high risk of developing skin

infections from bacteria, viruses, and fungi.1

Patients with AD are at an increased risk of developing other allergic diseases, including asthma, allergic rhinitis and food allergies.6



Disease Burden

unique AD triggers that can cause their disease to become active. These may

AD can cycle through periods of dormancy and active disease. Each person has



Foods

include things like²:

Laundry detergents

condition9-12:



Stress



Skin care products



• Makes them feel angry or embarrassed about their appearance Causes them to avoid social interactions Patients, including infants, may have trouble sleeping and be generally

AD in children has been shown to lead to distress, anxiety, embarrassment,

Treatment

Active AD can negatively affect quality of life and the psychological stress of

AD can further provoke disease activity. Adults with AD report that the

poor self-esteem, and a lack of self-confidence.6

Performance at school

uncomfortable, regardless of disease severity.^{2,6}

Limits their lifestyle

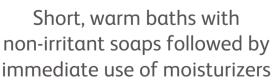
- In school-aged children, AD has been shown to impair⁶: Performance of daily activities
- A major part of AD management is hygiene and skincare routines¹³:

Participation in sports and outdoor activities



Avoiding itching/being

gentle with the skin





in fabric after application of skin products to increase absorption and lock in moisture) Avoiding triggers is also an important part of preventing flares.²

Applying moisturizer, including

emollients (medical moisturizers)

Topical agents, such as corticosteroids or antimicrobials

Phototherapy (light therapy)

Medicines might include¹³:

- Systemic treatments (treatments that circulate through the whole body)

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There is a significant unmet need for additional medications to help treat AD.

Bristol Myers Squibb is committed to researching and pursuing new treatment options to help free patients and their loved ones from the burden

of atopic dermatitis and other immune-mediated diseases.

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