



medfacts

AN EDUCATIONAL HEALTH SERIES FROM NATIONAL JEWISH HEALTH™

Key Therapy Points For Patients With Atopic Dermatitis (Atopic Eczema)

Atopic dermatitis (AD), or atopic eczema, is a chronic, recurring skin disorder. This condition usually occurs in people who have asthma, hay fever, or food allergies or have family members who have these disorders. AD results in dry, easily irritated, itchy skin and usually leads to rubbing and scratching.

When your skin is dry, it is not because it lacks grease or oil, but because it fails to retain water. For this reason, it is important to recognize this and to practice the basic principles of "**soak and seal**" to achieve good skin care daily. Wind, low humidity, cold temperature, excessive washing without use of moisturizers, and use of harsh, drying soaps can cause dry skin conditions and aggravate AD.

Steps For Good Daily Skin Care! Soak And Seal!

1. **Take at least one bath or shower per day.** Use warm, not hot, water for at least 15-20 minutes. Avoid scrubbing your skin with a washcloth.
2. **Use a gentle cleansing bar or wash such as Dove®, Oil of Olay®, Eucerin®, Basis®, Cetaphil®, Aveeno® or Oilatum®.** During a severe flare, you may choose to limit the use of cleansers to avoid possible irritation.
3. **Gently pat away excess water (within 3 minutes of a bath or shower). Apply the moisturizer or the special skin medications prescribed for you onto your damp skin.** This will seal in the water and make the skin less dry and itchy.
4. **Apply your special skin medications to the areas affected with rash which is red and/or scaly.** The most common skin medications used to treat the skin inflammation are topical steroids or topical immunomodulators (TIMS). Used correctly, these medications are safe and effective.
5. **Apply your moisturizer everywhere on your skin which has not received medication. Specific occlusives or moisturizers will be individually recommended for you. Moisturizers are available in many forms.** Creams and ointments are more beneficial than lotions. Vaseline® is a good occlusive preparation to seal in the water; however, it contains no water so it only works effectively after a soaking bath. Recommended moisturizers include Aquaphor® Ointment, Eucerin® Creme, Vanicream®, Cetaphil® Cream, or Moisturel® Cream.

These are applied to your skin immediately after your bath or shower and throughout the day whenever the skin feels dry or itchy. Moisturizers **should not** be applied over the medications. All of these moisturizers should be available through your local pharmacy or grocery store. If you don't see them on the shelf, ask the pharmacist to order it for you in the largest container available. Buying your moisturizers in large containers like one pound jars may save you a great deal of money.

Reduce Skin Irritation. After "soaking and sealing", the next important step is to attempt to reduce skin irritation.

1. **Avoid scratching or rubbing the skin.** This can make the itch worse. Apply moisturizer whenever the skin feels dry or itchy.
2. **Wash all new clothes before wearing them.** This removes formaldehyde and other potentially irritating chemicals which are used during production and packing.
3. **Add a second rinse cycle to ensure removal of soap, if you are concerned.**
Residual laundry detergent, particularly the perfume or dye, may be irritating when it remains in the clothing. Changing to a liquid or milder detergent may also be helpful.
4. **Wear garments which allow air to pass freely to your skin.** Open weave, loose-fitting, cotton-blend clothing may be most comfortable. Avoid wearing wool.
5. **Work and sleep in comfortable surroundings with a fairly constant temperature and humidity level.**
6. **Keep fingernails very short and smooth to help prevent damage due to scratching.**
7. **Appropriate use of sedating antihistamines may reduce itching to some degree through their tranquilizing and sedative effects.**
8. **Use sunscreen on a regular basis and always avoid getting sunburned.** Use a sunscreen with an SPF of 15 or higher. Sunscreens made for the face are often less irritating than regular sunscreens.
9. **Residual chlorine or bromine on the skin after swimming in a pool or hot tub may be irritating.** Take a quick shower or bath immediately after swimming, washing with a mild cleanser from head to toe, and then apply an appropriate moisturizer.

Avoid Things That Are Proven To Make AD Worse.

1. **Proper testing and challenges must be done in a controlled environment with appropriate supervision to determine which allergens flare your eczema.** Common allergens may include foods, animals and dust mites.
2. **Care must be taken to avoid only substances which are documented (proven) to flare your disease.** It is important not to place yourself or your child on unnecessarily restrictive diets or activities.
3. **Skin infections are often a problem for people with AD.** It may be difficult to get the AD under control without treating the infection. Talk with your health care provider if you think the skin is infected. Your health care provider may want to prescribe an antibiotic to treat the infection.

Minimize Stress. Anxiety, anger and frustration are commonly experienced by people with a chronic disease like AD and this stress can provoke itching. Strategies to help minimize stress include:

1. **Learn about the disease.** It is important to understand the long term course of this disease, the things which make your AD worse, and the treatments which can help control it.
2. **Have family members learn about the disease so they can be supportive.**
3. **Dealing with a chronic illness is difficult.** Many people find it helpful to talk to a counselor to receive additional support or therapy. Behavioral modification or biofeedback may help with chronic itching and scratching.
4. **Patient support organizations can be helpful.** An excellent resource for people with AD is the:

**National Eczema Association
for Science and Education**

4460 Redwood Hwy., Ste. 16-D
San Rafael, CA 94903-1953
415.499.3474 / 800.818.7546
Fax: 415.472.5345

www.nationaleczema.org
info@nationaleczema.org

Consult with your health care provider at the first sign of any flaring of your AD. Remember, each person requires individualized therapy, and what works for another person may not work for you!

How Can National Jewish Health Help?

AD can be very difficult to live with. Each person with AD deserves to learn what makes their symptoms worse, how to avoid them, and how to best treat them. This is different

for each person. National Jewish is one of the leading institutions in the United States for treatment and research of AD. Patients treated at National Jewish benefit from our interactive, multi-disciplinary, team approach. Our philosophy of care for patients is for comprehensive evaluation and treatment which fits the needs and goals of the patient. At National Jewish, we provide single day consultations, multi-day outpatient visits or inpatient care for more extensive testing and treatment. If you have questions, please contact the National Jewish **LUNG LINE**®, at 1-800-222-LUNG.

Developed by Noreen Nicol, R.N., M.S., F.N.P., Mark Boguniewicz, M.D., and Donald Leung, M.D., PhD; Atopic Dermatitis Program, National Jewish Health, Denver, Colorado.

Note: This information is provided to you as an educational service of LUNG LINE'. It is not meant to be a substitute for consulting with your own physician.

© Copyright 1998, 2003, 2005, 2009 National Jewish Health PTE.098