

# Athlete's Foot



## Florida Podiatric Medical Association



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Athlete's foot is a skin disease caused by a fungus, usually occurring between the toes. The fungus most commonly attacks the feet, because shoes create a warm, dark, and humid environment that encourages fungus growth.

The warmth and dampness of areas around swimming pools, showers, and locker rooms are also breeding grounds for fungi. Because the infection was common among athletes who used these facilities frequently, the term "athlete's foot" became popular.

Not all fungus conditions are athlete's foot. Other conditions, such as disturbances of the sweat mechanism, reaction to dyes or adhesives in shoes, eczema, and psoriasis, may mimic athlete's foot.

## Symptoms

The signs of athlete's foot, singly or combined, are dry skin, itching, scaling, inflammation, and blisters. Blisters often lead to cracking of the skin. When blisters break, small raw areas of tissue are exposed, causing pain and swelling. Itching and burning may increase as the infection spreads.

Athlete's foot may spread to the soles of the feet and toenails. It can be spread to other parts of the body, notably the groin and underarms, by those who scratch the infection and then touch themselves elsewhere. The organisms causing athlete's foot may persist for long periods. Consequently, the infection may be spread by contaminated bed sheets or clothing to other parts of the body.

## Prevention

It is not easy to prevent athlete's foot because it is usually contracted in dressing rooms, showers, and swimming pool locker rooms, where bare feet come in contact with the fungus. However, you can do much to prevent infection by practicing good foot hygiene. Daily washing of the feet with soap and water; drying carefully, especially between the toes; and changing shoes and hose regularly to decrease moisture, help prevent fungus from infecting the feet. Also helpful is daily use of a quality foot powder.

## Tips

- Avoid walking barefoot; use shower shoes
- Reduce perspiration by using talcum powder
- Wear light and airy shoes
- Wear socks that keep your feet dry, and change them frequently if you perspire heavily

## **Treatment**

Fungicidal and fungistatic chemicals, used for athlete's foot treatment, frequently fail to contact the fungi in the horny layers of the skin. Topical or oral antifungal drugs are prescribed with growing frequency.

In mild cases of the infection, it is important to keep the feet dry by dusting foot powder in shoes and hose. The feet should be bathed frequently and all areas around the toes dried thoroughly.

## **Consult Your Podiatrist**

If an apparent fungus condition does not respond to proper foot hygiene and self care, and there is no improvement within two weeks, consult your podiatrist. The podiatrist will determine if a fungus is the cause of the problem. If it is, a specific treatment plan, including the prescription of antifungal medication, applied topically or taken by mouth, will usually be suggested. Such a treatment appears to provide better resolution of the problem, when the patient observes the course of treatment prescribed by the podiatrist; if it's shortened, failure of the treatment is common.

If the infection is caused by bacteria, antibiotics (such as penicillin) that are effective against a broad spectrum of bacteria may be prescribed.

Your podiatric physician/surgeon has been trained specifically and extensively in the diagnosis and treatment of all manner of foot conditions. This training encompasses all of the intricately related systems and structures of the foot and lower leg, including neurological, circulatory, skin, and the musculoskeletal system, which includes bones, joints, ligaments, tendons, muscles, and nerves.