

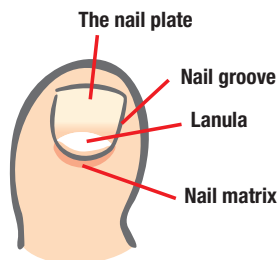
Your Feet – Indicators of Health

Because they are so far away from our heart, our feet are often the first part of the body to show that something is wrong with the way blood circulates in our body. The condition of our toenails can signal the presence or beginning of several diseases. For example, toenails that are hollow instead of being rounded can indicate iron deficiency or anemia (a shortage of red blood cells). Increased nail thickness, or bumps on the nails, can be manifestations of psoriasis, a skin disease. Your podiatrist will always check the condition of your toenails, and can provide a range of treatments for all your toenail problems.

Our Toenails

The major parts of the toenail are:

- The nail itself (or the nail plate)
- Its matrix: from where the nail grows
- The lanula: the white, moon-shaped area at the base of the nail
- The nail bed: the tissue on which the nail lies
- The sulcus: the groove at the side in which the nail sits



Healthy nails are pink, free of dirt and impairment, and grow into the grooves normally. Toenails grow constantly. It takes up to 12 months to replace the toenail of your big toe.

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Your Podiatrist Talks About Nail Problems



Who Gets Nail Problems?

People of all ages can undergo a range of changes in their toenails, some of which are relatively common. They can become thick, brittle, curved, discolored, infected, clubbed, bumpy and grooved. In some cases, the nail falls off and a new one grows in. As we grow older, we are more likely to develop toenail problems.

What Causes Nail Problems?

Toenail problems may be caused by warts, tumors under the nail, infection, or poor circulation. Major toenail problem culprits are incorrectly fitting shoes, which press too tightly on the toenails, injury, such as bruising under the nail and infection which can cause permanent nail deformity.

Common Conditions and Treatment

Ingrown toenails are the most common toenail problem. They may be caused by improperly trimmed toenails, very curved edges of nails, shoe pressure or repeated trauma to the feet from the normal activities. They may also be inherited. Frequently the pain is due to a corn or callous in the groove (or sulcus) of the toenail.

Thickened nails are a common condition. Usually it's the result of injury to the nail bed, such as dropping something heavy on your toes, or fungal infection. They can be easily and painlessly thin down by a podiatrist.

Fungal infections are among the most troublesome of nail conditions to treat. They are often characterized by thickening, discoloration and separation of the front of the nail from the nail bed. In some cases, the nail crumbles. These infections tend to stay in the nail if they are not treated, and can infect the nail bed.

There is a range of anti fungal medications available for treatment. Your podiatrist can assist with trimming and care of out-of-shape nail plates.

Other infections cause inflammation of the matrix (onychia) and inflammation of the tissue adjacent to the nail (paronychia). In people with lowered immunity, this may sometimes lead to serious complications, including more widespread infection extending to the leg. Your podiatrist can detect such infections early and form a suitable treatment plan.

Trauma to the nails may lead to permanent nail deformity. This can be cared for by regular, non-painful podiatric treatment, involving filing and possibly the use of a special drill.

Older People

Older people with poor circulation are prone to fragile or brittle nails. Many older people do not have the strength, flexibility or eyesight to trim their nails, especially if the nails are deformed. They should seek podiatric care for these services, and advice regarding safe self care.

Warning Signs

Any sudden changes in color or shape of the nail, signs of infection, development of a freckle under the nail, or pain should be discussed with your podiatrist. Your podiatrist can diagnose the problem and then advise an appropriate treatment.



Taking Care of Your Nail

Trim toenails straight across to a length just below the end of the toe. Do not round off the corner – this can cause ingrown toenails.

- Use a strong pair of nail clippers.
- After clipping, smooth nail with a file or emery board, using downward stroke.
- Wear only properly fitted shoes, not short or narrow ones.
- Wash feet regularly, especially between the toes and dry thoroughly.
- Wear socks or stockings that are not too restrictive.

Your Podiatrist

Podiatrists are highly skilled health professionals trained to deal with the prevention, diagnosis, treatment and rehabilitation of medical and surgical conditions of the feet and lower limbs. Podiatrists have completed a Bachelor of Podiatry or higher degree, and are continually upgrading their skills and knowledge through further education and training.

Regular visits to your podiatrist can help prevent recurrences of toenail and associated foot problems.