

Patient Information Leaflet

Charcot Foot

Diabetes is a lifelong condition which can cause foot problems. Some of these problems can happen because the nerves and blood vessels supplying your feet are damaged. When the nerves in your feet are damaged it is called 'peripheral neuropathy' and can affect the feeling in your feet. When the blood vessels supplying your feet are damaged it is called 'peripheral vascular disease' or 'ischaemia' and can affect the circulation in your feet. These changes can be very gradual and you may not notice them.

This is why it is important that you have your feet checked by a suitably trained professional regularly.

What is Charcot foot?

Charcot foot is a very serious complication of diabetes that can develop if you have peripheral neuropathy in your feet. Charcot foot can make the bones of your foot become fragile, which means that they may break or dislocate easily, even if you don't injure them badly. Most patients cannot recall injuring their foot at all. If you have peripheral neuropathy in your feet, you may still be able to walk on your foot after injuring it without feeling any pain. If this happens, your foot can become severely deformed. The shape of your foot will not return to normal, and this can make it very difficult to find shoes that fit properly. It is important that you notice any problem early and get professional help.

How will I know if I've got Charcot foot?

The early signs of Charcot foot are swelling and warmth in the affected area of the foot or ankle. There may be some redness, which is sometimes mistaken for infection. Usually there is no pain (because of nerve damage), but this is not always the case. In most cases only one foot is affected. However, in some rare cases people can develop Charcot foot in both feet, although not at the same time. Your foot may become deformed if you do not get appropriate treatment early enough and you continue to walk on it.

Who will treat my foot?

Ideally, your Charcot foot should be treated and managed by a specialist diabetes foot service. This may be made up of a variety of health-care professionals.

Charcot foot can be a very serious condition and can be difficult to diagnose, treat and manage, so it is very important that it is treated and managed by experienced health-care professionals.

What is the aim of my treatment?

There are two important aims of treating Charcot foot:

- preventing a permanent change to the shape of your foot
- preventing future foot problems

What will the treatment consist of?

The only effective treatment is to reduce the weight on the foot or affected joint and prevent it from moving. This will need to be done with some form of cast (in the same way as if you had broken a bone). The treatment you receive will depend on the method of treatment that your local specialist diabetes foot service prefers.

Treatment options are a plaster cast or walker boot with a prescription insole that your health-care professional will regularly review.

Both of these methods of treating Charcot foot have been proven to be successful, but you will need to closely follow the advice you are given.

You will need regular appointments with a member of the specialist diabetes foot service to check the temperature of your foot. You will have an X-ray when needed. You may need prescription footwear supplied by an orthotist or podiatrist

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