# **Morton's Neuroma**



#### What is it?

A tumour growing from a nerve, affecting the plantar nerve running underneath the foot. Pain, burning or loss of sensation may be experienced, particularly when the nerve is pinched during pressure/movement through the bones.

#### What causes it?

Repetitive and/or excessive stresses/injury to the ball of the foot or third or fourth toe eg running, walking and jumping. Pronation. Ill-fitting footwear.

### **Symptoms**

Pain, burning sensation, numbness, tingling and cramping.

## Top Tips

Rest and ice as soon as possible. Identify the cause and don't just treat the symptoms.

# How to Treat it

Rest or change in activity. Anti-inflammatories. Painkillers. Ice.



#### Rehab

Gradual resumption of activity. Minimise impact to foot. Wear well-fitting shoes with correct width. Additional padding to absorb impact may be necessary.

# **Definitions**

Tumour – abnormal growth of cells. Can be benign (non-cancerous, doesn't spread) or malignant (cancerous, spreads to different parts of the body)

Plantar Nerves - nerves which run along the sole of the feet

**Pronation** - weight is distributed more on the inside of your foot. Flat-footed/collapsed foot arch.

#### **Associated Conditions**

- Sesamoiditis
- Claw Foot (Pes Cavus)
- Plantar Fasciitis
- Heel Spur
- Extensor and Flexor Tendinitis
- Retrocalcaneal Bursitis

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References: The Anatomy of Sports Injuries by Brad Walker, Anatomy & Physiology by Louise Tucker and Google.com



