

# Circulator Boot Treatment

BEFORE



**Diabetic neuropathy and necrotizing cellulitis**

AFTER



**Full recovery**

POOR CIRCULATION is a major cause of non healing wounds, ulcers and chronic pain in your legs and feet. Ulcers develop when blood flow is no longer able to supply the nutrients and oxygen needed by the tissues. Arteries and veins have lost their capacity, often as a complication to diabetes.

If a wound or ulcer is not responding to conservative treatment, deterioration will continue. However, there *is* an effective treatment available so that you can keep your toes, feet and legs, and regain a healthy lifestyle.

## CIRCULATOR BOOT THERAPY

The Circulator Boot provides a continuous series of controlled, short-duration compression pulses. The timing of the compressions is controlled by its cardiac monitor. The accurately timed pressure pulses occur between heart beats.

Doctors who are familiar with the Circulator Boot recommend it as an excellent method for treating and correcting circulation problems. A recent article, from the Mayo Clinic & Foundation, published in *Vascular Medicine*, reported that "Complete ulcer healing as well as preservation of the affected limb can be achieved in most cases."

## RESTORE CIRCULATION

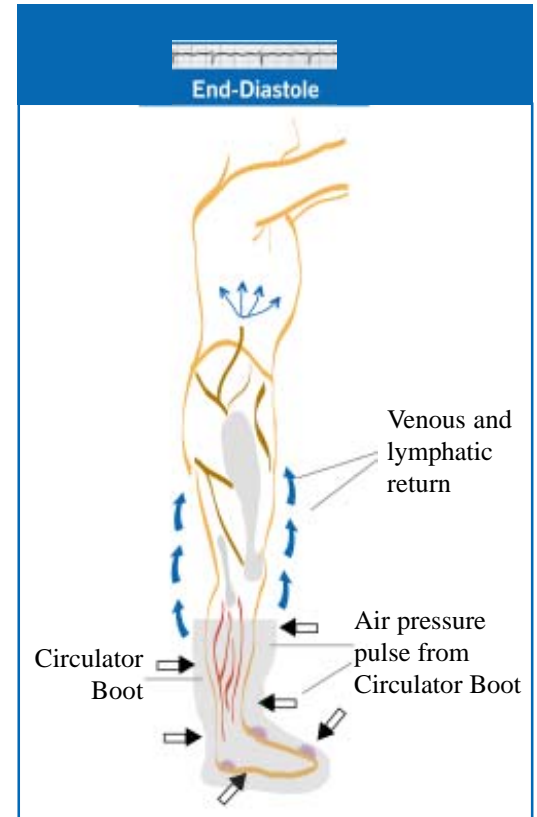
As well as providing an immediate boost to arterial and venous circulation, the procedure also breaks down clots. Oxygen and nourishment increase. You can expect to see swelling and pain subside with the first few sessions. As circulation is restored with each session, the body can proceed to heal itself.

It is important for you to begin boot therapy early, at the first sign of an erupting problem, if possible. The healing process develops more quickly when extensive tissue damage has not yet occurred.

The typical treatment time is 40 minutes, plus pre-soak time and dressing time, within a one-hour session. With a schedule of three to five treatments per week, a minor ulcer can heal in four weeks. A severely diseased leg could take 15 to 25 weeks to save. A typical treatment program spans about eight weeks.

## GREAT RESULTS

As circulation returns, you see a healthy pink colour, the size of the wound steadily decreases, pain fades and tactile sensation returns. **The results are lasting.**



The Circulator Boot is available for rental. This can be an attractive way to use the Circulator Boot for healing a foot ulcer. It is important to first visit one of the 40 foot clinics that use the Circulator Boot for assessment and a series of initial treatments.

You and your family will need to work out a schedule for providing treatment and arrange needed home care services and local physician coverage. Once or twice daily treatment at home can produce good results.

**You can read about patient R.K. at [www.circulatorboot.com](http://www.circulatorboot.com) as case history 191.**

**You can look for a case similar to yours in one of the 200 cases described.**

**What makes  
the Circulator Boot  
a unique tool for healing ulcers?**

**Q:**  
**I have an ulcer on my foot that is not healing.  
What should I do?**

**A:**  
Healing can take many weeks, but the status of the ulcer after four weeks is generally a good prediction of final healing potential. So, if your foot has not shown progress towards healing after four weeks of care, a more aggressive approach is needed.

You need a program of therapeutic modalities to produce a healing response. For foot problems relating to poor circulation, the best of these is the Circulator Boot.

An un-responsive ulcer leads to an on-going series of wound care sessions, doctor visits, surgical procedures, hospital stays, prosthesis fittings and disability.

**Q:**  
**Is this like other compression bags?**

**A:**  
No - Other compression systems, such as sequential compression, are primarily intended for treating fluid retention and edema. With the Circulator Boot, the compressions are timed to occur exactly at the heart inter-beat interval which increases blood flow.

**Q:**  
**Will it work if there is an infection?**

**A:**  
Yes - You do not need to clear up the infection before using the Circulator Boot. You can use the Circulator Boot while treating the infection. The boot will disperse antibiotic medications through the affected tissues.

**Q:**  
**Can I use the Circulator Boot with other  
therapeutic modalities?**

**A:**  
Yes, but don't delay the Circulator Boot while you try other methods first. Electrical stimulation, ultrasound and laser can accelerate healing, but rely on adequate blood flow to work.

**Q:**  
**My doctor says I am a poor surgical risk.  
Can I still have Circulator Boot treatment?**

**A:**  
Yes - Poor blood flow, infection and certain cardiac problems that preclude surgery do not produce problems with Circulator Boot treatment. Deep-vein thrombosis is a contra-indication .

**Q:**  
**I am facing an amputation of my big toe.  
Will it help to heal the incision?**

**A:**  
Yes - The resulting incision is often difficult to heal, resulting in further amputation. Instead why not focus on keeping the toe? Your foot functions best when intact. Removing the toe will make normal walking a challenge and likely lead to further amputations.

**Q:**  
**What does Health Canada say?**

**A:**  
The Circulator Boot was listed in 2001.

**CONTACT US FOR AN INFORMATION KIT.**

## **BIOMATION**

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**Effective Treatment for**



# **Diabetic Foot Ulcers**

**ELIMINATE**  
chronic ulcers and pain in the  
feet and legs

