

Why Acellerate GF is a Superior Treatment

- Accelerated rejuvenation of nerve tissue
- Minimal to no pain
- Simple and cost effective treatment
- Natural and drug-free way to reduce or eliminate pain
- Natural alternative to surgical procedures
- Highly effective standalone treatment for neuropathy, as well as chronic non-healing wounds, and musculoskeletal conditions/orthopedic injuries (knee, hip, shoulder, back, elbow, osteoarthritis)

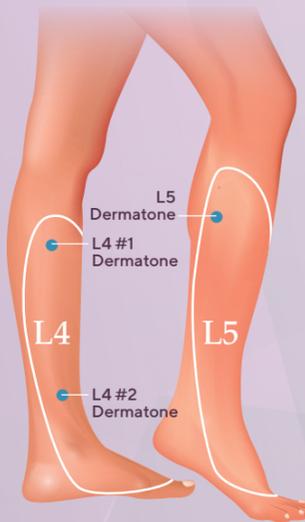
Acellerate GF *Peripheral Neuropathy Protocol*

This protocol has been developed to give maximum benefit to the patient within a short period of time. The purpose of this treatment is to enhance the function of damaged nerve tissue to its maximal level.

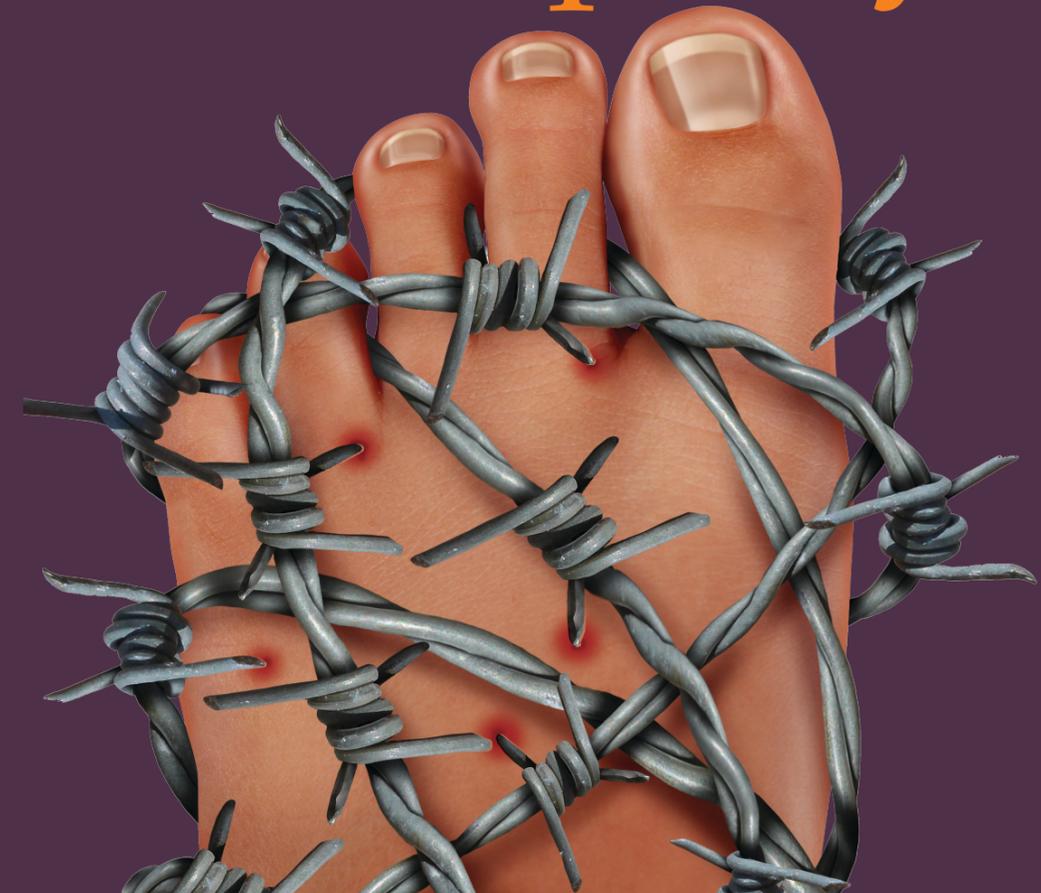
There are three injection sites along the L4 and L5 dermatomes (bilateral). Recommended protocol is four treatments; one treatment per week for the first two weeks, followed by a third treatment at week 4, and a fourth treatment at week 6. After treatment four, re-evaluate patient in four weeks.

Lower Extremity Treatment Nerve Injection Procedure

1. Patient may sit upright on exam table with legs/feet towards the floor.
2. You may mark injection points along L4 and L5 dermatomes.
 - A. Sural nerve – slightly lateral to midline of calf.
 - B. Superficial peroneal nerve – lateral aspect of calf.
 - C. Saphenous nerve – anterior, above ankle
3. Cleanse each site with betadine or alcohol. Have prepared a 10cc syringe of Acellerate GF, with a 27 gauge, 1.5 inch needle.
4. Inject each nerve with approximately 1.0 - 1.5 cc of Acellerate GF
5. After injections are complete, clean areas and control any bleeding.
6. We recommend a brief massage of the legs, using a light massage oil.



Acellerate GF™ *for the treatment of* Neuropathy



About Peripheral Neuropathy

According to NIH, National Institute of Neurological Disorders and Stroke, an estimated 20 million people in the U.S. have some form of peripheral neuropathy, a condition of nerve disease or damage to the peripheral nervous system — the vast communications network that transmits information between the central nervous system (the brain and spinal cord) and every other part of the body.

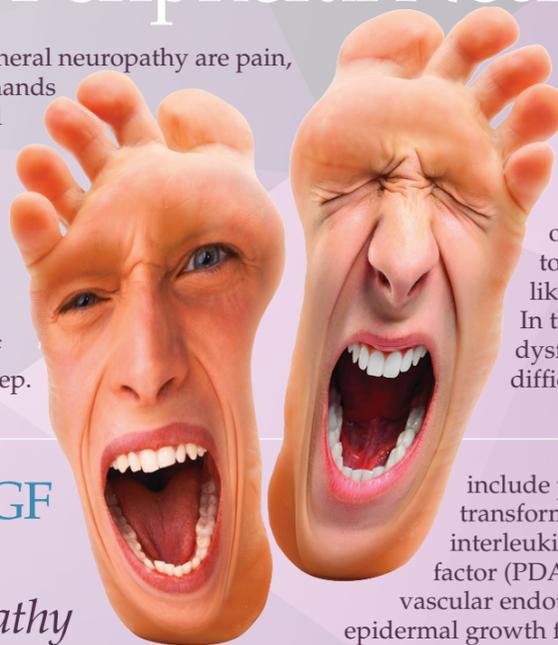
Damage to your peripheral nerves often causes weakness, numbness, tingling, pain, and loss of feeling in the hands, arms, feet and legs. Severe symptoms may include burning or stabbing pain (especially at night), muscle wasting, and paralysis. It can also affect other areas of your body, including nerve problems in every organ system (i.e., digestive tract, heart and sex organs).

Peripheral neuropathy conditions can be caused by diabetes, HIV, medication toxicity, excessive use of statins for high cholesterol, heart and blood pressure medications, chemotherapy, exposure to environmental or industrial toxins (i.e., lead, mercury, arsenic, insecticides, solvents), heavy alcohol consumption, and sports and injury related neuropathy. Many chronic neuropathies worsen over time.

- Common in people suffering from diabetes
- Many patients are on pain killers, but get no relief.
- Numbness, tingling and the feeling of walking on nails is common.
- Leg cramping is common.
- Many patients have problems sleeping.
- Many patients have low sensitivity on soles of feet.
- There are many treatments, but many do not find them effective.

Symptoms of Peripheral Neuropathy

The earliest symptoms of peripheral neuropathy are pain, numbness, and tingling in the hands and feet in the classic “sock and glove” distribution. The pain is often described as burning, shooting, electric-shock like, throbbing, or aching. Some people describe an altered sensation when picking up objects, as if their fingers are “made of plastic,” or feelings of their hands and feet falling asleep.



The patient may complain of their feet throbbing or cramping at night or of stumbling when they try to walk. The symptoms are generally symmetric (occur on both sides of the body), although they may be more severe on one side. If the neuropathy is severe, touching the affected extremity can feel like an open wound is being touched. In the most severe cases, severe pain and dysfunction of the nerves can result in difficulty walking and disability.

Why Accelerate GF Effectively Treats Peripheral Neuropathy

Accelerate GF is a plasma concentrate that contains high concentrations of activated platelets that release a superdose of growth factors. One of the growth factors released is the Nerve Growth Factor (NGF), which can repair damaged nerve tissue. Other growth factors present

include platelet-derived growth factor (PDGF), transforming growth factor (TGF), platelet factor interleukin (IL), platelet-derived angiogenesis factor (PDAF), insulin-like growth factor (IGF), vascular endothelial growth factor (VEGF), and epidermal growth factor (EGF). These platelets and growth factors are also super recruiters of blood-borne stem cells. Collectively, this high concentration of platelets, growth factors and pluripotent stem cells promote growth of specific types of cells that repair nerve tissue and other tissue damage, and stimulate accelerated development of new blood vessels.

What Does Accelerate GF Treatment Entail?

This protocol has been developed to give maximum benefit to the patient within a short time. The basic protocol is 4 treatments, the purpose of which is to enhance the function of damaged nerve tissue to its maximal level.

- Patient’s blood is drawn into a collection tube and centrifuged to generate plasma concentrate
- Plasma concentrate is extracted from tube into a syringe pre-loaded with Plasma Solutions’ proprietary activation/aggregation solution
- Simple injection technique using L4 and L5 dermatomes for outstanding results

A dermatome is the area of sensory nerves near the skin that are supplied by a specific spinal nerve root. The L4 and L5 dermatomes run straight through the lower extremities to the soles of the feet, and are the dermatomes which the patient feels.

- Intra-muscular injections in the lower extremities
- No need for imaging
- Easy-to-follow protocol (treatment can be performed within 30 minutes)
- Minimal to no pain

What is Accelerate GF?

Accelerate GF™ is an injectable concentrate of platelets and growth factors which recruit stem cells, along with proteins and fibrinogen in high concentrations for the effective treatment of peripheral neuropathy. It is also useful in the treatment of conditions and injuries in soft tissues, tendons, ligaments, muscles, bones and joints, and chronic non-healing wounds.

Using a proprietary activation/aggregator solution, Accelerate GF:

- Promotes rapid healing with minimal to no pain
- Harmless to the patient and uses patient’s own blood and natural substances found in the bloodstream
- Stimulates accelerated tissue repair and regeneration, without risk of allergic reaction, disease transmission or infection

Accelerate GF can be used as a complete standalone therapy or as a highly effective complement to stem cell treatments.

Accelerate GF Treatment Cycle (Standalone Therapy)

WEEK 1

Initiate treatment with injection of Accelerate GF with intramuscular injections in L4 and L5 dermatomes (anterior/bilateral) per protocol.

WEEK 2

Inject 2nd treatment of Accelerate GF per protocol

WEEK 4

Inject 3rd treatment of Accelerate GF per protocol

WEEK 6

Inject 4th treatment of Accelerate GF per protocol

WEEK 10

Evaluate progress of patient four weeks after 4th treatment to see if additional injections are desirable

NEUROPATHY INJECTION POINTS

There are a total of six injections (3 on each leg). 9-10 cc of injection is spread over the 6 points, a little over 1cc per site.

