

# Regenerative Medicine

## FACT SHEET & FAQs

# The Healing Power of Accelerate GF™ & Stem Cells

# 1

## What is Accelerate GF?

**Accelerate GF** is an injectable concentrate of **Platelets, Growth Factors (GF), recruiters of Stem Cells (SC), proteins and fibrinogen in high concentrations**, all of which work together to facilitate the healing of soft tissue, tendons, ligaments, muscles and joints, and nerves. Our **Accelerate GF** plasma concentrate (*not another PRP product*) contains a super dose of growth factors and is a super recruiter of bloodborne stem cells in high concentration to promote growth of specific types of cells, accelerated bone regeneration and development of new blood vessels, and initiate new connective tissue.

Plasma Solutions' proprietary activator/aggregator formulation of **Accelerate GF** can be combined with your **Stem Cell treatments**, or be used as a **non-painful, Alternative/Stand-Alone regenerative therapy** for the effective treatment of musculoskeletal injuries and conditions, neuropathy and chronic non-healing wounds.

# 2

## Why use Accelerate GF and Stem Cells?

**Accelerate GF** provides better overall outcomes. It contains a high concentration of platelets, proteins, and fibrinogen, and superdose growth factors which all greatly enhance recruitment of stem cells and provide the perfect scaffolding for stem cells to create new tissue. The high concentration of growth factors and stem cells promotes growth of specific types of cells that accelerate healing and rapid recovery for musculoskeletal, neuropathic, and non-healing wound conditions. The tandem use of both treatment modalities results in stronger, faster healing for the patient.

**Accelerate GF** is a natural, non-operative healing modality that is non-painful, rapid, safe, and results in effective treatment outcomes. It can be used in conjunction with stem cell treatments or as a stand-alone treatment for patients needing an aggressive healing program in order to avoid drugs or surgery (i.e., total knee or total hip replacement). It requires only a small amount of a patient's own blood to stimulate tissue repair, regeneration, and rapid healing without risk of rejection or allergic reaction, disease transmission or infection.

# 3

## Benefits of Accelerate GF as a Stand-Alone or with Stem Cell Therapy

**Accelerate GF** enhances and provides better outcomes. Low to no pain on injections helps with patient satisfaction and compliance. It provides a greater variety of treatment options to the patient, taking into consideration the affordability. If a patient cannot afford a stem cell treatment, they can still have a regenerative medicine treatment with great results with just the **Accelerate GF** plasma treatment. Healthcare providers can offer patients a dual treatment option and multiple-injection protocol, with a lower overall cost per treatment. **Accelerate GF** treatments prepare the body site to receive the stem cells, increasing adherence and accelerating healing. Patients are willing to opt for the addition of **Accelerate GF** to their stem cell therapy in order to maximize their results.

# 4

*What is the Acellerate GF/Stem Cell treatment cycle?*

Whether using **Accelerate GF** in conjunction with stem cell treatments or as an alternative standalone treatment, the protocol is simple.

## Protocol (Combining Acellerate GF & Stem Cell Therapy)

One week prior to the stem cell injection, initiate the treatment process with **Accelerate GF**. This launches the inflammation and native healing, and lays down "scaffolding" for the aggressive recruitment of stem cells to the target site(s). In week 2, inject the stem cells. In week 3 - 4, inject **Accelerate GF** as a post stem-cell therapy to boost stem cell activity. During week 6 -8, evaluate progress of patient to determine if additional **Accelerate GF** treatment is needed to achieve desired outcome.

## Protocol (Accelerate GF as Standalone Therapy)

This protocol has been developed to give maximum benefit to the patient within a short period of time. We recommend that patients are treated with **Accelerate GF** one treatment weekly for 3 weeks, or once every 2 weeks over a six-week period, or four times over 8 weeks. The Practitioner should schedule treatments based on the severity of the injury or condition, as well as progress during treatment.

# 5

*What is the procedure for preparing the Acellerate GF plasma concentrate?*

The preparation of the **Accelerate GF** plasma concentrate is simple, fast and efficient. Blood is drawn from the patient (8.5 to 17.0cc) into the provided vacutainer tube(s). The tubes are rotated (7x) to mix the anti-coagulant into the blood. The tubes are placed in your centrifuge and set to the specifications ordered by the physician. The centrifugation is then started. When the centrifugation is complete, according to protocol, extract the plasma concentrate from the tubes with the pre-loaded, **Accelerate GF** Activator/Aggregator Syringe. It is now ready for injection. After the blood draw, preparation time is 15 minutes or less. You should be able to complete your patient's visit in 30 minutes.

# 6

*Why is Acellerate GF less painful than PRP?*

PRP injections are usually very painful. After the first injection, many people do not want to receive additional injections. Most patients experience little to no pain upon injection with **Accelerate GF**, and therefore do not mind coming back for additional treatments. Activation and aggregation of platelets and growth factors prior to injection, using a proprietary solution, is the primary reason patients experience low or no pain on injection with **Accelerate GF**. Patients also feel a difference in pain relief, increased mobility, and rapid healing right away. With **Accelerate GF**, patients generally do not need to be administered anti-inflammatory medications, and are more compliant in completing the full treatment regimen.



## About Plasma Solutions

Plasma Solutions, LLC is a biologics company that develops, manufactures, and markets regenerative medicine products for the repair, restoration and revitalization of damaged and diseased cellular tissue for (i) musculoskeletal injuries and conditions, (ii) neuropathy, and (iii) chronic non-healing wounds.