

The Process of Making Platelet Gel

Your doctor has set a protocol for the use of platelet gel. During the time you are in the pre-op area getting ready for surgery, a nurse or certified Autotransfusionist will draw 55cc (almost 4 Tbls) of blood from your arm. (This is sometimes done in the operating room). Your blood is then placed into a machine that

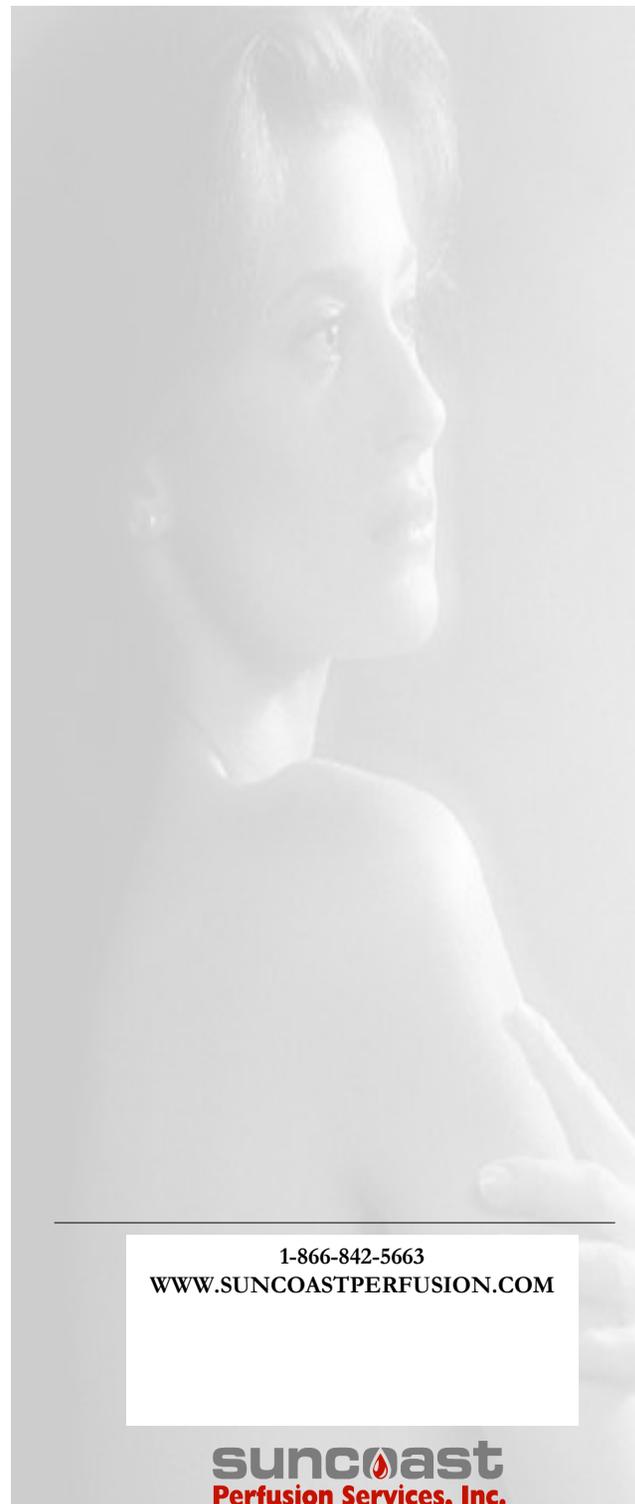


is designed to separate out the platelets, adult stem cells and growth factors for healing. These cells and growth factors are then given to your doctor to apply directly into the surgical site to enhance the healing process. The only difference you



will notice is less swelling, less bruising and less pain than

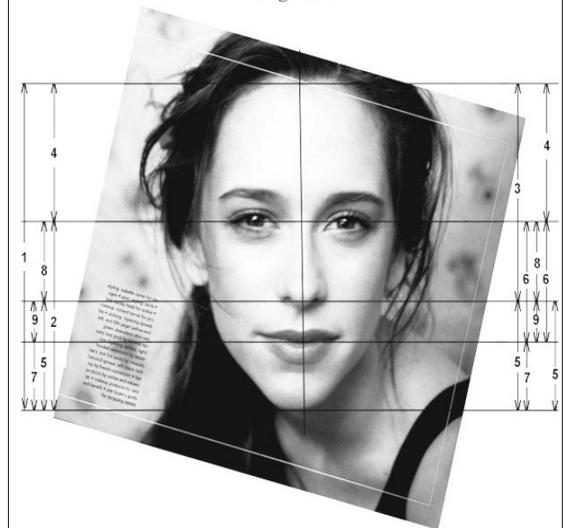
you would have normally had. In some cases your doctor can use the Platelet Gel in place of stitches.



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HOW TO HAVE A FASTER, EASIER RECOVERY



**Get Back To Feeling Like
Yourself Faster**

MINIMIZE YOUR POST-OPERATIVE RECOVERY TIME

BY ACCELERATING YOUR NATURAL HEALING PROCESS WITH PLATELET GEL

THE NATURAL HEALING PROCESS



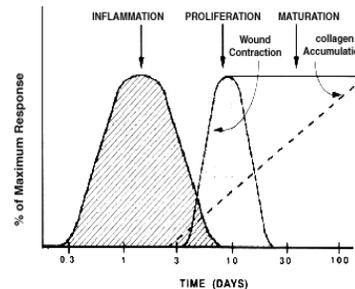
Your body responds to surgery as if it had been in-

jured. The body responds by immediately sending Platelets to the site of the injury. These platelets contain many growth factors that help new tissue grow. They also contain proteins that help stop bleeding and prevent infection. Everyone's body responds at a different rate even to the exact same injury. Everyone has a different level of platelets in their blood stream within a range considered normal.

Wound Healing

The process by which tissue repair takes place is termed wound healing and is comprised of a continuous sequence of inflammation and repair, in which epithelial, endothelial, inflammatory cells, platelets and fibroblasts briefly come together outside their normal domains, interact to restore a semblance of their usual discipline and having done so resume their normal function.

The process of wound repair differs little from one kind of tissue to another and is generally independent of the form of injury. Platelets are a very important part of the initial healing phases and they trigger the phases that follow.



New Technology

allows us to now take Platelets from a small amount of your blood, and mix with another liquid to form a healing gel. Your doctor then applies this gel to your surgical site at the time of surgery. This gives your natural healing response a big boost. Because wound healing is the same process regardless of tissue type, Platelet Gel is good for any type of surgery.

The Results

Your doctor uses Platelet Gel because it helps to dramatically decrease the chance of infection, swelling and bruising thus increasing the rate of your healing process by as much as 80%. You should discuss with your doctor how Platelet Gel can benefit you with the particular surgery you are scheduled for.