

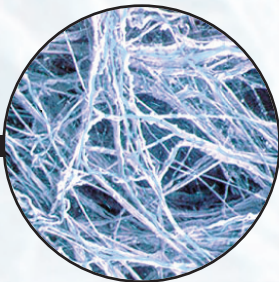


*Healing through
Regenerative Medicine*

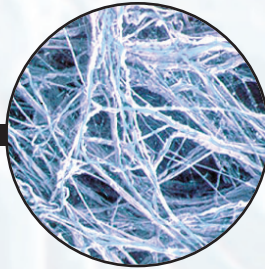


Patient Information Booklet

**Finger Amputation Repair With MatriStem™
Wound Powder**



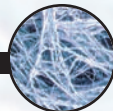
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MatriStem™ Wound Powder for Finger Amputation Repairs

MatriStem Wound Powder is a revolutionary tissue repair powder used to repair full thickness wounds, such as finger amputations. The powder is a complex collagen (protein) scaffold obtained from pig tissue, which has a collagen structure nearly identical to that of human tissue.

While the powder offers many of the same benefits as human donor tissue (allograft), the natural proteins within the powder may help the finger wound restart the natural healing process. It is important to note that the surgical use of pig tissue is an established practice and a variety of pig tissues have been implanted in humans for medical purposes for more than 40 years.



What is the Source of MatriStem™ Powder?

The powder is manufactured from the bladder tissue of a pig.

Is MatriStem™ Powder Safe?

All animal tissue harvested for human use is tested for safety to ensure no transmissible diseases are present in the material. The powder should not be used on patients with a known sensitivity to porcine material.

How Does MatriStem™ Powder Repair an Amputated Finger?

When the powder is placed onto a finger wound, the patient's own cells and blood vessels grow into the material; it is completely absorbed, leaving behind new tissue instead of scar tissue.

What Other Materials are Used for Finger Amputation Repair?

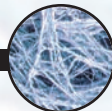
Depending on the severity of the amputation, simple bandages can be placed over the wound until the finger heals via the natural scar process. A human donor tissue allograft may also be used to help the wound heal.

How Do Allograft Materials Work?

An allograft is surgically placed over the open wound in order to help the wound heal faster. An allograft heals the wound with a natural scar.

How is MatriStem Powder Used to Repair a Finger Amputation?

The initial outpatient surgical procedure involves removing damaged tissue around the wound in order to prepare the wound site for placement of the powder. A thin layer of powder is placed over the surface of the wound and covered with a bandage.



What Happens After the Outpatient Procedure?

The outpatient surgery procedure is relatively minor and you will normally leave the outpatient center shortly after the procedure.

What Happens When You Go Home?

You may resume limited full activities as determined by your doctor. Do not perform a task that may harm or place pressure on the wound site.

Showering:

You may shower as normal; however, a plastic bag should be placed over the bandage in order to keep it dry.

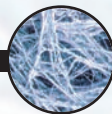
Dressing Changes:

You will change and apply a new dressing every other day. You will also apply additional powder over the wound during the dressing changes. Follow the detailed patient instructions that will be given to you by your doctor upon leaving the outpatient center.

Note: You may also smell an odor from the wound site between or during dressing changes, which is normal.

What Does the Wound Look Like During Healing?

The wound will remain open and look like a raw wound while it is healing. You will begin to notice new tissue growing on your finger during dressing changes until the wound completely heals. The new tissue growth may be crusty and look brown and black in color; this is normal. If you are unsure the wound is healing properly, consult with your doctor.



When Will You Return to See the Doctor?

You will see the doctor every two weeks during the healing process or if complications arise. The doctor may request an x-ray of your finger and may remove some of the tissue from the edges of the wound during your visits. During the visit the doctor will reapply the powder and bandage.

What Complications Can Be Expected?

Various complications and reactions are possible with all wound repairs. Use of the powder should be discontinued and the wound inspected by your doctor if any of the following occur:

- Excessive pain, redness, swelling or blistering
- Unexplained fever or chills
- Bleeding

How Long Will it Take for My Finger To Heal?

Healing will take about 8 - 12 weeks depending on how severe the trauma is to your finger. After the wound closes, your finger will continue to heal on the inside for another 1 to 2 months. Depending on the injury, the fingernail may or may not re-grow.

During Healing, Will My Finger Increase in Length?

Using the powder will not guarantee added finger length. However, studies indicate that your wound may heal without scarring.

What Will My Finger Look Like After it Heals?

Depending on the missing finger length, you can expect your healed finger to look similar to a normal finger.