



UNDERSTANDING YOUR CHOICES  
for rhinoplasty with allografts



# How are MTF Biologics Allografts Different?

## *Safety. Quality.*

MTF Biologics was founded by a group of surgeons in 1987 in response to the need for safe, high quality allografts. More than 30 years later, MTF Biologics has grown to become a global, accredited tissue bank, having distributed more than 9.6 million allografts. But, our commitment to providing surgeons and patients with allografts that are both safe and effective has not changed.

MTF Biologics' approach to safety starts with donor selection. MTF Biologics has among the most stringent donor criteria of all tissue banks, accepting less than 2% of all offered donors. A licensed Medical Doctor and Registered Nurse review the donor's social and medical history, as well as the results of laboratory testing that screens for infectious bacterial and viral diseases.

Profile costal cartilage is provided with the same sterility assurance level as most medical devices, sterile solutions and injectible medications used in hospitals and physicians' offices every day.

You've decided to undergo rhinoplasty ("nose job") to change the size or shape of your nose for cosmetic reasons or to correct a defect caused by trauma or injury.

You're not alone. In 2019, over 207,000 patients in the US had a rhinoplasty<sup>1</sup>, and the procedure continues to grow in popularity here and abroad. During your procedure, your surgeon may use cartilage from your septum, ear or rib, or he may choose to use a synthetic implant, to provide the necessary structural support and desired cosmetic outcome.

Another option is to use an allograft material, like Profile® costal cartilage allograft.

## What is an allograft?

This brochure will help you understand what allografts are, their advantages, and how MTF Biologics allografts, including Profile costal cartilage allograft, are different.

An allograft is a bone, ligament, cartilage, tendon or section of skin (also called "tissue") that is transplanted from one person to another. Many times, just one donor's gift can help more than 50 people. Every year in the United States, surgeons use more than one million allografts to help...

- Athletes who need knee reconstruction
- Women undergoing post-mastectomy breast reconstruction
- People, like you, who are undergoing rhinoplasty for cosmetic or reconstructive purposes

<sup>1</sup>Plastic Surgery Statistics Report 2019. American Society of Plastic Surgeons.

# What is Profile costal cartilage allograft?

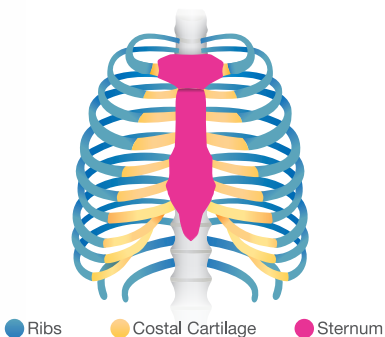
Profile is made from donated costal cartilage. The cartilage is cut into thin sheets that are quick, safe and easy for your surgeon to use in reshaping your nose.

Profile's pre-cut form requires little intraoperative manipulation for use as a columellar strut (Figure 1), spreader grafts or dorsal on-lay graft. Surgeons commonly use one or more of these grafts in rhinoplasty procedures.



Figure 1: COLUMELLAR STRUT

Costal cartilage is the material that connects your sternum to your ribs, and provides elasticity within the walls of the thorax to allow your chest to expand during respiration.



# What are the advantages of Profile costal cartilage?

Using Profile costal cartilage allograft allows your surgeon to avoid having to perform additional surgery to obtain cartilage from your ear or rib to reshape your nose, which means less post-operative pain and fewer scars for you.

And because Profile is made from human costal cartilage, your body treats it as part of your own natural tissue, so there is less chance of infection or extrusion than if your surgeon chose synthetic implants to reshape your nose.



Ask your surgeon if Profile costal cartilage  
allograft is right for you.

For more information on MTF Biologics visit  
**[www.mtfbiologics.org](http://www.mtfbiologics.org)**



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