

## WHAT IS WHARTON'S JELLY?

# How do Wharton's Jelly Allografts work?

Umbilical cord tissue is shown to be structurally similar to articular cartilage and other soft tissues throughout the body. There are many components of WJ that are beneficial for transplantation. The most prominent of these components is the ECM (extracellular matrix), a collagen-based, cross-linked network that adds tensile strength and distributes load, making it an excellent choice for patients with musculoskeletal injuries.

Wharton's jelly (WJ) allografts consist of human umbilical cord tissue that has been disassociated, suspended in saline, and cryopreserved. Their main function is to replace missing or damaged tissue in the patient, applied directly to the defect, or injured area, in soft tissues. They are applied via syringe and are typically used in ligament, muscle, or cartilage tears.



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## Discover Connective Tissue Supplementation



Coded and Non-Coded  
Wharton's Jelly Products



Our products are manufactured in state-of-the-art ISO Class 7 cleanrooms.

## About Us

Regenerative Lab's mission is to facilitate predictable patient outcomes by providing the highest quality human tissue allografts available. With the goal of addressing the root cause, rather than masking the pain, Regenerative Labs birth tissue allografts provide a non-addictive, minimally invasive option for patients.

## Our Lab

Regenerative Labs products are manufactured in state-of-the-art ISO certified cleanrooms. All equipment is calibrated and validated to ensure valid and consistent results are produced.

## Features

- Advanced Air Quality Systems
- ISO Class 5 Biological Safety Cabinets
- Ultra-Low -80C Freezer Systems
- Advanced Quality Control Systems



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## How is Wharton's jelly administered?

Wharton's jelly is administered via syringe, directly to the injured site, or defect. The application is relatively painless and takes mere minutes.

## How many applications do I need?

This is determined by your physician depending on your specific case, but typically multiple applications are required to reach the desired clinical outcome.

## Is Wharton's jelly application safe?

**Yes!** There have been no known graft vs. host interactions nor drug interactions with our product. As always, your physician will determine if this product is safe for you. To date, no adverse events have been reported contributable to Regenerative Labs' products in over 50,000 applications.



## What should I do post-application?

This is up to your physician's discretion, however it is usually a good idea to take it easy for the first 24-48 hours, but beyond that, there is typically little change in daily activities post-application. WJ application takes only minutes & is non-allogeneic, non-surgical, and minimally invasive. Patients walk in and walk back out the same day.

## What do Wharton's jelly Allografts help with?

Wharton's jelly allografts are connective tissue supplements designed to replace missing or damaged tissue in the patient. If missing or damaged tissue is identified after imaging, you may be a candidate for Wharton's jelly application.

## How do I know if Wharton's jelly is right for me?

If you are suffering from joint pain, you may have an underlying structural tissue defect that is the root cause. Instead of treating your symptoms (pain) with steroids or other conventional methods, Wharton's jelly addresses the root cause by fixing your "tissue issue."

Wharton's Jelly Products



## Products

### CryoText™

Regenerative Labs' most concentrated wharton's jelly connective tissue supplements are under the CryoText Product line.

Our Wharton's jelly tissue products are human umbilical cord derived products that are rich in cytokines, growth factors, and scaffolding proteins.

They are cryopreserved matrices suspended in sterile saline that act as supportive scaffolds for connective tissue repair.

In other terms, they are used as like for like replacement tissue intended to replace missing or damaged connective tissue.

**Schedule an appointment with your physician to see if you qualify for a Wharton's jelly transplant.**