

# ProText is Regenative Lab's most concentrated

## Wharton's jelly connective tissue supplement.

Q-CODE: Q4246



RegenativeLabs.com

### **PROTEXT**

### ProText is Regenative Labs most concentrated Wharton's jelly connective tissue supplement.

Regenative Labs Wharton's jelly allografts are regulated under section 361 of the Public Health Service Act (PHS) and 21 CFR Part 1271. ProText is processed to preserve the structural integrity and original relevant characteristics of Wharton's jelly as observed in the donor and is intended for homologous use only. Regenative Labs' products are ethically derived and do not contain any material obtained from an embryo or fetus. Regenative Labs birth tissue allografts are derived from healthy, consenting mothers after full-term, live, planned, Cesarean section (C-section) deliveries.



ProText is a structural connective tissue allograft intended for homologous use to replace or supplement missing or damaged tissue directly at the site of a structural defect. Wharton's jelly is processed to preserve the structural integrity and original characteristics of the connective tissue relating to its utility to supplement missing or damaged tissue in the recipient.

#### **Advantages Of Wharton's Jelly**

This connective tissue contains high amounts of extracellular matrix components including collagen types I, III, and V, elastin, and fibronectin that provide a natural scaffold to facilitate cellular adhesion<sup>1,2</sup>. Wharton's jelly primarily provides cushioning and structural support to the umbilical cord but also contains a natural source of long-chain hyaluronic acid as well as numerous cytokines and growth factors. Studies have described placental tissues to be "immune privileged" as they rarely evoke an immune response in the body, reducing the risk of adverse reaction<sup>4</sup>.



PRODUCT	SKU	DOSE
ProText	PT100-25	1ml
Q-Code: Q4246	PT200-25	2ml

#### What Is A Structural Defect?

A defect is defined as missing or damaged tissue in the body. Missing or damaged tissue often compromises the stability and structural integrity of its surrounding area. If you may be dealing with a structural defect, ask your physician if you could benefit from connective tissue supplementation.

#### **Supplementing A Defect**

ProText is a Wharton's jelly structural connective tissue allograft that provides cushioning and structural support to the site of a defect. Wharton's jelly is processed to preserve the structural integrity and original characteristics of the connective tissue relating to its utility to supplement missing or damaged tissue in the recipient. If you may be dealing with a structural defect, ask your physician if you could benefit from connective tissue supplementation.

- Sobolewski K, Bańkowski E, Chyczewski L, Jaworski S. Collagen and glycosaminoglycans of Wharton's jelly. Biol Neonate. 1997;71(1):11-21. doi: 10.1159/000244392. PMID: 8996653.
- Velarde F, Castañeda V, Morales E, Ortega M, Ocaña E, Álvarez-Barreto J, Grunauer M, Eguiguren L, Caicedo A. Use of Human Umbilical Cord and Its Byproducts in Tissue Regeneration. Front Bioeng Biotechnol. 2020 Mar 10;8:117. doi: 10.3389/fbioe.2020.00117. PMID: 32211387; PMCID: PMC7075856.
- Gupta A, El-Amin SF 3rd, Levy HJ, Sze-Tu R, Ibim SE, Maffulli N. Umbilical cord-derived Wharton's jelly for regenerative medicine applications. J Orthop Surg Res. 2020 Feb 13;15(1):49. doi: 10.1186/s13018-020-1553-7. PMID: 32054483: PMCID: PMC7017504.
- Deus IA, Mano JF, Custódio CA. Perinatal tissues and cells in tissue engineering and regenerative medicine. Acta Biomater. 2020 Jul 1;110:1-14. doi: 10.1016/j.actbio.2020.04.035. Epub 2020 May 14. PMID: 32/19850



#### RegenativeLabs.com