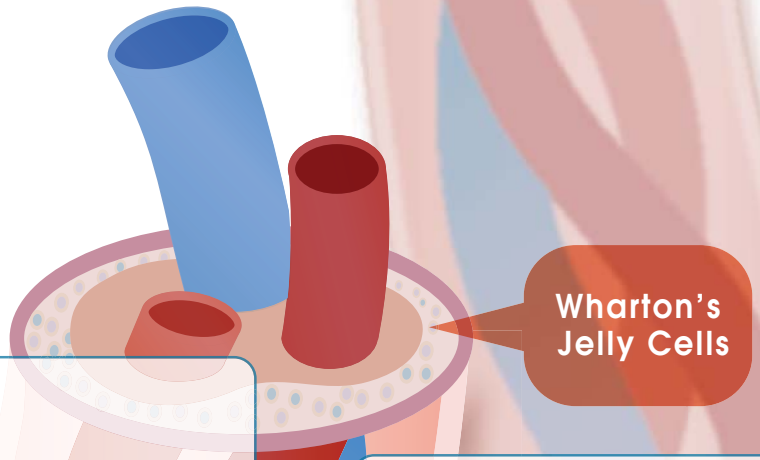
Invitrx Therapeutics

Invitra WJ-C™



Invitra WJ-C™

Structural Wharton's Jelly Allograft

Invitra WJ-C™ is a minimally manipulated human tissue allograft suspension derived from the Wharton's Jelly of the umbilical cord. Invitrx Therapeutics utilizes a proprietary process to preserve the growth and other native components of the Wharton's Jelly for homologous use.

Primary Characteristics of Structural Wharton's Jelly

The umbilical cord, often considered the cord of life, is largely composed of Wharton's jelly. This gelatinous, structural tissue consists of structural proteins and components, such as collagen and hyaluronic acid, which work together to dampen the physical stresses during development. The tissue is also an abundant source of mesenchymal stem cells that are captured during fetal development and a rich source of developmental cytokines, chemokines, and growth factors.

Dedication to Excellence

Invitrx Therapeutics, headquartered in Orange County California is a global research-based biotechnology company with over 15 years of product development industry experience. Established in 2003, Invitrx Therapeutics has been a leading pioneer in Regenerative Stem Cell Therapies.

Wharton's Jelly Concentration (pg/ml)

Anti-inflammatory	IL-1ra	21.1
	IL-10	4.9
	HGF	125.6
	TNF RII	7.9
	TGFβ-1	583.3
Homeostatic Cytokines	IL-2	9.3
	IL-7	30.3
	IL-15	71.3
	TIMP-2	1,046.20
	Lipocalin-2	441.9

Wound Healing	VEGF	5.9
	TGFβ-1	583.3
	IL-6	29.2
	PDGF-BB	13.2
	HGF	125.6
	bFGF	276.8
	ANG-1	292.2
	FGF-7	33.3
Growth Factors	ANG-1	292.2
	bFGF	276.8
	BMP-7	46.8
	TGFβ-1	583.3
	VEGF	5.9

Quality Assurance

Invitra WJ-C™ is processed from donated umbilical cords from full term deliveries. All donors are Pre-screened and undergo comprehensive testing that includes:

- Behavioral risk assessment
- Physical assessment
- Donor medical history
- Communicable disease testing

Infectious disease testing is performed at a certified laboratory in accordance with the Clinical Laboratory Improvement Amendments of 1988 (CLIA) and 42 CFR part 493.

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