Product Portfolio

AmnioCyte™
A Human Cell and Tissue Product derived from amniotic fluid.

AmnioCyte Plus™
A Human Cell and Tissue Product derived from the extracellular matrix of the amniotic membrane.

PolyCyte™
A Wharton's jelly allograft.

CoreCyte™ IND SUBJECT - NOT FOR SALE
A cryogenically frozen Human Cell and Tissue Product derived from the Wharton's Jelly of the umbilical cord.

WJ Flow™
A cryogenically preserved Wharton's Jelly allograft.

About Us

Predictive Biotech, Inc., a Salt Lake City, UT life sciences company formed in 2015, is a leader in human cell and tissue products for use in regenerative medicine. A growing national network of clinics, health systems, researchers and physicians leverage Predictive Biotech's placental-derived and Wharton's Jelly products.

Frequently Asked Questions

1. Where do Predictive Biotech's products come from?
Our human cell and tissue materials come from the umbilical cords of healthy, full-term deliveries. Our products do not contain any fetal or embryonic tissue.

2. Is it safe?
Our products are rigorously tested to FDA guidelines in our CLIA certified lab. Thousands of patients have used Predictive Biotech's tissue allografts with no adverse effects.

3. How long does the procedure take?
Depending upon the area being treated, the procedure can be completed in an office visit. Your doctor will be able to provide details specific to your treatment plan.

4. Does the procedure hurt?
The use of our products do not require any invasive procedures, resulting in less pain and a shorter procedure time.

5. When will I feel the benefits?
Depending upon the severity of the injury and your personal health, recovery time can vary. Your physician can provide more information.

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PREDICTIVE BIOTECH™

Science For Every*body*

What type of tissues are used in regenerative medicine?

MKT-0029, 05 NOV 2020

The only thing more important than facts: sharing them.

Human Cell & Tissue Products.

Predictive Biotech believes the more you know about the body the better you can care for it. So when considering regenerative medicine, it's crucial to look at the marketplace and know: where do the products come from, what do they contain and as important, what they don't contain?

Tissue Source	PHARMA	PERIPHERAL BLOOD	PLACENTA			UMBILICAL CORD		BONE MARROW	ADIPOSE
Product	*Steroid, NSAID Synthetic HA*	*Platelet Rich Plasma (PRP)*	*Amniotic Fluid*	*Amniotic Matrix*	*Amniotic Membrane*	*Umbilical Cord Blood*	*Umbilical Cord Matrix*	*Bone Marrow Aspirate*	*Lipoaspirate*
Autologous (from you)		✓						✓	✓
Allogeneic (from others)			✓	✓	✓	✓	✓		
Biologically Young Source			✓	✓	✓	✓	✓		
Mesenchymal Stromal Cells (MSCs)							✓	✓	✓
Exosomes - naturally occurring		✓	✓	✓	✓	✓	✓	✓	✓
General Cytokines	●	●	●●	●	●	●	●●●	●	●
Growth Factor Cytokines		●●●	●	●	●	●	●●●	●●	●
Homeostatic Cytokines		●●●	●●	●●●	●	●	●●●	●●●	●●●
Scaffolding Proteins				●●●	●●●		●		
Hyaluronic Acid (HA)	●●●		●	●	●		●●		
Viable MSCs							●●●	●	●●

✓ - yes
● - indicates lowest concentration
●● - indicates medium concentration
●●● - indicates highest concentration

Platelet Rich Plasma

- Blood is drawn from the patient
- Blood is centrifuged to separate the platelets and growth factors
- Concentrated platelets and growth factors are injected into the patient

Umbilical Cord Blood

- Blood is extracted from birth tissue
- Blood is centrifuged to isolate hematopoetic stem cells (HSCs)
- Concentration is injected into the patient

Umbilical Cord Matrix

- The **Wharton's jelly** of the umbilical cord is extracted and processed to yield a high concentration of cytokines, growth factors, hyaluronic acid and MSCs
- Allograft is injected into the patient

Bone Marrow Aspirate

- Bone marrow is extracted from the iliac crest
- Bone marrow is centrifuged to isolate MSCs
- Concentrated fluid is injected into the patient

Lipoaspirate

- Fat tissue is removed using liposuction
- Adipose is centrifuged to isolate MSCs
- Concentrated fluid is injected into the patient

- Number of dots reflect relative factor amounts as compared to other tissue types. All data represented on this grid is informed by either or all available literature, external validation and internal testing. Empty data fields indicate quantities either found in trace amounts, or quantities not specified in literature.
- Citations and references on file with Predictive Biotech.