CytoFlo is an acellular purified human amniotic derived tissue allograft intended for homologous use such as providing a non-structural protective covering or buffer to various tissues. Clinical applications may include:

- Intra-Articular Injections
- Non-Structural Wound Covering
- Surgical Augmentation
- Soft Tissue Barrier

CytoFlo is processed using advanced methods that include purification and sterile filtration technology to remove cells and other insoluble debris. This proprietary processing technology has been verified to preserve over 400 native cytokines, growth factors, and hyaluronic acid components found in amniotic fluid.

**CytoFlo Highlights**

CytoFlo is a liquid allograft that contains various proteins that include cytokines, growth factors, and other chemoattractant molecules such as:

- IL-1 / IL-1alpha
- IL-6
- IL-10
- IL-11
- Adiponectin
- Angiogenin
- Hyaluronic Acid
- TIMP-1
- VEGF
- HGF
- EGF
- IGFBP-1 to 6

**CytoFlo Quality & Safety**

- 100% pure amniotic fluid with no additives or cryoprotectants
- Sterile filtration technology
- Endotoxin and USP <71> sterility testing on every lot
- 400+ cytokines and chemokines verified to be preserved in native state
- Rapid processing and purification following Cesearean section births at an American Association of Tissue Banks accredited laboratory
**Storage & Handling**

**CytoFlo Storage:**
CytoFlo must be stored at -20°C or colder for up to 2 years.

**CytoFlo Handling:**
1) Packaged in cryovial for single patient use only
2) Fluid is sterile in cryovial; outer vial is not sterile
3) Thaw in 10 minutes or less
4) Fluid may be aspirated from vial with sterile needle and syringe
4) Can be sprayed onto or injected into applicable tissues

**Quality Control & Donor Screening**

Recovered from Cesarean section births from consented volunteer donors only.

Donor Testing with NEGATIVE results for the following infectious diseases:
- HBsAG (Hepatitis B Surface Antigen)
- HBcAb (Hepatitis B core antibody)
- HCV (Hepatitis C antibody)
- HIV I/II-Ab (HIV Nucleic Acid Test)
- HCV NAT (HCV Nucleic Acid Test)

Additional testing as deemed necessary with NEGATIVE results may also include:
- HIV (Human Immunodeficiency Virus)
- Hepatitis B and Hepatitis C
- Syphilis
- West Nile Virus
- T. Cruzi and Cytomegalovirus
- Epstein Barr Virus

**Product Offering**

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**Manufacturing Facility**

Cytogistic LLC has partnered with a world renowned Cell Therapy and Regenerative Medicine Academic Institution to develop and provide novel products that meet the highest quality in testing and industry standards. Processing facilities have been accredited to the standards and requirements of the following:

**Ordering Information**

References: