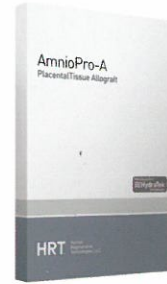


# AmnioPro-A

## Ambient Temperature Placental Tissue Matrix



Placental fluid and tissues are a rich source of progenitor cells and the human ExtraCellular Matrix (ECM), a complex protein system that creates the foundation of the body's tissues and organs.<sup>[1,2]</sup>

**AmnioPro-A™** is a pre-mixed, ambient temperature tissue matrix allograft, processed from human placental tissues. This fluid tissue combination contains collagens, growth factors, and other key biologic components.

### FOUNDATION FOR REGENERATION

The placental ECM contains Collagens I, III, IV, V, VI, VII, fibrous proteins that provide a structural scaffold to support cellular migration.<sup>[3,4]</sup> Fibronectin, integrins, laminins, and hyaluronons also play a key role in proliferation, differentiation and adherence to the scaffold.<sup>[5,6,7]</sup>

### MODULATE CORRECT TISSUE REPAIR

Growth factors contained in the placental ECM, including PDGF, VEGF, EGF, FGF and TGF-β,<sup>[8]</sup> support cell proliferation and migration across the defect. This combination of proteins works with the body's own cells to modulate correct tissue reconstruction rather than scar tissue.<sup>[9]</sup>

### REGULATE INFLAMMATION, SCARRING AND PAIN

Placental tissues are shown to reduce inflammation, fibrous tissue growth, and potential scar tissue formation.<sup>[10,11]</sup>

### NON-IMMUNOGENIC

Placental tissues are 'immune-privileged', possessing little or no risk of foreign body reaction, which can lead to fibrosis and graft failure.<sup>[12]</sup>

### ANTI-MICROBIAL

Application of placental tissues has been shown to reduce bacteria counts in the wound, demonstrated against a wide range of bacteria.<sup>[13]</sup>

PROD CODE	VOLUME	MIXABLE TO
HTA50	0.5cc	1.0cc
HTA100	1.0cc	2.0cc
HTA200	2.0cc	4.0cc



### FEATURES

- Ambient temperature storage
- Flowable through a 23G needle
- Target defects quickly and precisely
- Easily mixable with carriers
- 5 year shelf life
- More Tissue Than Any Other<sup>[14]</sup>

### CONTACT HRT

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### HYDRATEK™ PROCESS

HydraTek is a proprietary, bio-aware process and patent-pending technology designed to better preserve the biological viability and biomechanical integrity of the human tissue matrix. HydraTek allografts are not compromised by the industry's standard drying methods, which may lead to protein denaturing and collagen collapse.

