

## Why AmnioFix?

The use of amniotic tissue has been documented in published literature since the early 1900s. Amniotic membrane has been the subject of many scientific publications evaluating its use in:

- Modulation of Inflammation
- Reduction of Scar Tissue Formation
- Enhancing Healing

All of the amniotic membrane tissue for AmnioFix is donated by healthy, consenting mothers undergoing scheduled Caesarean sections. The amniotic membrane is the cover (membrane) surrounding the baby, and is typically discarded after the baby is born. The recovery of the membrane does not affect the baby or the delivery process.

All tissue donors are tested for infectious diseases, similar to the testing done for blood donation. The amniotic membrane then undergoes a validated proprietary process to thoroughly cleanse and preserve the tissue, called the PURION Process. The steps of the PURION Process include: cleansing the tissue, drying the tissue, and sterilization.

AmnioFix allografts are procured and processed in the United States according to the standards and/or regulations established by the American Association of Tissue Banks (AATB) and the United States Food and Drug Administration (FDA).



MiMedx® is a **leading biopharmaceutical company** developing and marketing regenerative biologics utilizing human placental tissue allografts and **patent-protected processes** for multiple sectors of healthcare. To date, over **40 clinical and scientific papers** have been **published** in peer-reviewed journals on our PURION® Processed amniotic membrane allografts. The company has over **45 issued patents**, with more than **90 patents pending**. PURION Processed allografts are **clinically effective** and more than **1,000,000 allografts** have been distributed to date with **zero reported adverse reactions** attributed to our products.<sup>†</sup>

1. MM-RD-00072, Proteome Characterization of MiMedx Placental Tissue Products
2. Koob TJ, Lim JJ, Massee M, Zabek N, Denozière G. Properties of dehydrated human amnion/chorion composite grafts: implications for wound repair and soft tissue regeneration. J Biomed Mater Res B Appl Biomater. 2014 Aug;102(6):1353-62
3. Lei J, Priddy LB, Lim JJ, Massee M, Koob TJ. Identification of Extracellular Matrix Components and Biological Factors in Micronized Dehydrated Human Amnion/Chorion Membrane. Adv Wound Care (New Rochelle). 2017 Feb 1;6(2):43-53.

<sup>†</sup> As of April 1, 2018

**AmnioFix®**  
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**A non-surgical, regenerative solution.**

## For more information:

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ASK YOUR DOCTOR IF  
AMNIOFIX® IS RIGHT FOR YOU



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### What is AmnioFix?

AmnioFix is a human amniotic membrane allograft. AmnioFix contains natural factors, called growth factors, to modulate inflammation, reduce scar tissue formation, and enhance healing.

### What are growth factors?

Growth factors are powerful agents that our bodies produce to signal cells to come to the target site, help the site to heal, and help your own cells regenerate the damaged tissue. AmnioFix contains some of the most important growth factors needed for healing.

### Which growth factors are in AmnioFix?

There have been 285 regulatory proteins identified in AmnioFix, including growth factors, specialized cytokines, and enzyme inhibitors.<sup>1-3</sup> The following are some of the most notable growth factors that help enhance healing:

- Transforming Growth Factor Beta (TGF- $\beta$ )
- Fibroblast Growth Factor (FGF)
- Platelet Derived Growth Factor A & B (PDGF AA & BB)

# AmnioFix modulates inflammation, reduces scar tissue formation, and enhances healing

### Is AmnioFix Right for Me?

You and your doctor may consider AmnioFix an option if:

- You have been diagnosed with an injury resulting in inflammation
- Conservative treatment such as anti-inflammatories, physical therapy, and bracing have not provided symptomatic relief of inflammation
- You want a non-steroidal option or have reached your limit of steroid injections

### How can AmnioFix help my injury?

Conservative treatments of oral or topical anti-inflammatories and rest usually will help heal inflammation resulting from injury. If additional treatment is needed, your doctor may recommend AmnioFix. AmnioFix contains naturally occurring agents to modulate inflammation, reduce scar tissue formation, and enhance healing.

### Treatment Information

#### How do I prepare for an injection?

You will be scheduled for an evaluation and consultation to determine if AmnioFix is a viable treatment option for you. The entire AmnioFix treatment process is very short and is generally performed on an outpatient basis.

#### How do I care for my injection site?

The injection site might appear red and be tender to the touch. You may apply ice and elevate as needed. Initially, the procedure may cause some localized soreness and discomfort; this may last 2-3 days. If you have questions about your treatment, please consult your doctor.

#### What happens after my injection?

Your physician may prescribe some rehabilitation exercises or direct you to a rehabilitation facility. For AmnioFix to work optimally, it is important that you follow the doctor directed post-treatment care.



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