



## Help get your patients back in the game

**AmnioFix® is a bioactive tissue matrix composed of human amnion/chorion membrane for homologous use to:**

- Modulate inflammation
- Reduce scar tissue formation
- Enhance healing

**AmnioFix®**  
SPORTS MED



## AmnioFix Sports Med – a Dehydrated Human Amnion/Chorion Membrane for homologous use to:

- Modulate Inflammation
- Reduce Scar Tissue Formation
- Enhance Healing

### Growth Factors

There have been 226 different growth factors, specialized cytokines, and enzyme inhibitors identified in AmnioFix, including the following which are some of the most notable regulatory factors that help modulate inflammation and enhance healing:<sup>4-6,8</sup>

- Transforming Growth Factor Beta (TGF-β1) - Promotes normal soft tissue healing and reduced scar formation
- Fibroblast Growth Factor (FGF) - Promotes cellular proliferation and important for collagen matrix formation
- Platelet Derived Growth Factors (PDGF AA & BB) - Promote cell proliferation in connective tissue and enhance soft tissue healing

Native Growth Factors Present	Relative Amount Determined by ELISA Assay (n=5)	Release Profile (n=5)	
		● 24 hr incubation period at 4°C	● Remaining in tissue
PDGF-AA	+++++	13%	87%
PDGF-BB	+	4%	96%
bFGF	++	44%	56%
TGF-β1	++	24%	76%
EGF	+	63%	37%

Growth Factors contained in PURION® Processed dehydrated amnion/chorion membrane, relative amounts and release profile. Measured by ELISA testing unlysed and lysed tissue in suspension

Conservative treatments of oral or topical anti-inflammatories and rest usually will help heal inflammation resulting from injury. If additional treatment is needed, AmnioFix Sports Med might be an option for your patient.

### **Is AmnioFix Sports Med right for my patient?**

You may consider AmnioFix Sports Med as an option for your patient if:

- Your patient has 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
- Your patient wants a non-steroidal option or has reached the limit of steroid injections

### **How can AmnioFix Sports Med help the injury?**

AmnioFix Sports Med contains 226 different growth factors, cytokines, and chemokines including interleukins (IL-1ra, IL-4, and IL-10) to modulate inflammation. AmnioFix Sports Med contains these natural growth factors and collagens, which are core building blocks to help enhance healing.



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SPORTS MED



## Healing Properties

*In vivo* and *in vitro* studies have shown that the properties of amniotic membrane help to modulate inflammation and enhance healing.<sup>1-4</sup>

## Immunologically Privileged

Human amniotic membrane is considered immunoprivileged and has not been shown to elicit an immune response from recipients.<sup>7</sup>

## Proprietary PURION Process

AmnioFix Sports Med is processed using the PURION Process, a unique approach that provides an effective and easy to use allograft.

## Ease of Use

- Dehydrated for ease of use and application
- 5 year shelf life at ambient conditions; no special storage required
- Over 500,000 allografts distributed with no adverse reactions attributed to our products<sup>†</sup>



## Product Offering

Item Number	Size
ASM-5050	20 mg
ASM-5040	40 mg
ASM-5100	100 mg

## Ordering Information

Customer Service: 866.477.4219

Email: [customerservice@mimedx.com](mailto:customerservice@mimedx.com)

[www.amniofix.com](http://www.amniofix.com)

Since 2006, as the **premier leader** in regenerative medicine, **MiMedx®** has been dedicated to advancing healing through innovative biomaterial products and bioimplants. To date, over **25** clinical and scientific papers have been **published** in peer-reviewed journals on our PURION® Processed amniotic membrane allografts. The company's **proprietary PURION Process** and its multi-layer grafts are covered by over **20 issued patents**, with more than 80 patents pending. PURION Processed allografts are **clinically effective** and more than **500,000 allografts** have been distributed to date with **no adverse reactions** attributed to our products.†

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† As of January 1, 2016



Patents and patents pending see: [www.mimedx.com/patents](http://www.mimedx.com/patents)

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