

# ENDOCALYX PRO

## How Endocalyx Pro Can Help Your Patients

### CLINICALLY PROVEN

**RESTORE:** Polysaccharides – enables repair of glycocalyx matrix (fucoidan sulfate and HMW hylaronan)

**REGENERATE:** Amino sugars – precursor for polysaccharide biosynthesis (veggie glucosamine)

**PROTECT:** Antioxidants – protects endothelial polysaccharide from breakdown (polyphenol, flavonoids, SOD, catalase, heparanase inhibitor)



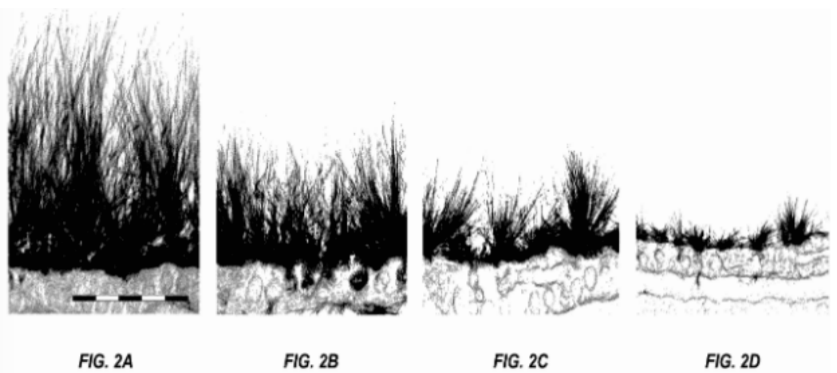
### What is the Glycocalyx?

The Endothelial Glycocalyx is the hair like structure that protects the vessel walls in your vascular system. This hair like structure **protects** the vessel walls, collects and **distributes the nutrients** in the blood, and releases nitric oxide that allows for **vasomotion**.

FIG 2A is what a healthy Glycocalyx should look like. FIG 2D is what the glycocalyx looks like after damage occurs.

When your capillaries lose that endothelial glycocalyx, the vessels stop working and the vascular density diminishes. This can be caused by many factors; **aging, smoking, lack of exercise, unhealthy diet, poor sleep, and illness**.

Endocalyx Pro, developed by Microvascular Health Solutions LLC, is **patented to regrow the endothelial glycocalyx**. By doing so, your body will naturally increase the density of blood in the capillary micro vessels.



### CITATIONS:

Endocalyx Pro Patents: U.S. Patent Number: 9943572  
Microvascular Health Solutions LLC