



### **GRC Endothelial Flow (120 cap)**

**Proprietary Blend (710mg)** Endothelial Flow is a GRC proprietary formula that provides antioxidant support to help protect blood vessels from oxidative stress. It features a synergistic blend of polyphenols and flavonoids, including quercetin, green tea, resveratrol, and grape seed extract. L-citrulline supports nitric oxide production to help maintain healthy blood flow.

**L-citrulline** has beneficial effects on endothelial cells by improving vascular function and promoting the production of nitric oxide, which helps in vasodilation and reduces arterial stiffness. L-citrulline improves heart health by promoting vasodilation, which helps widen blood vessels and improve blood flow. It has also been shown to potentially lower blood pressure in individuals with hypertension, contributing to overall cardiovascular health.

**Quercetin** has protective effects on endothelial cells by reducing inflammation and oxidative stress, which can improve vascular function and potentially lower the risk of cardiovascular diseases. It promotes cell viability, migration, and angiogenesis while inhibiting apoptosis in endothelial cells. Quercetin supports heart health by reducing inflammation, lowering blood pressure, and protecting against oxidative stress, which can contribute to cardiovascular diseases.

**Green tea extract**, particularly its active compounds like catechins, has been shown to improve endothelial function, which is crucial for maintaining healthy blood vessels. This can lead to lower blood pressure and reduced risk of cardiovascular disease. Green tea leaf extract is known to support heart health by lowering LDL cholesterol and triglycerides, which can reduce the risk of heart disease and stroke.

**Grape seed extract** is known to enhance endothelial function by increasing the expression of endothelial nitric oxide synthase, which helps maintain blood vessel health and improve blood flow. Additionally, it possesses antioxidant properties that protect endothelial cells from oxidative stress, promoting overall cardiovascular health.

**Japanese Knotweed Extract (Resveratrol)** increases the production of nitric oxide (NO) in endothelial cells by upregulating the expression of endothelial NO synthase (eNOS), stimulating eNOS enzymatic activity, and preventing eNOS uncoupling. At the same time, resveratrol inhibits the synthesis of endothelin-1 and reduces oxidative stress in both endothelial cells and smooth muscle cells. Japanese knotweed extract, rich in resveratrol, supports heart health by improving blood flow, optimizing cholesterol levels, and reducing inflammation.