



# Longevity Protocols

Membrane health is often overlooked as a crucial aspect of biochemical health. Membranes serve as the interface between cellular compartments for communication, regulation, energy production, and other vital functions. In many ways they are the dynamic driving force of our biochemistry. Damage to membranes from toxins and oxidative stress impairs processes fundamental to life and good health. Membrane integrity is essential to healthy aging.

Membrane Renewal <sup>+</sup>			
Core Product Recommendations*	Clinical Objective	AM	PM
Membrane Mend™	Supports membrane integrity, manages lipid peroxidation with the membrane embedded antioxidants – astaxanthin, tocotrienols	1 tsp	1 tsp
NAD+ Platinum™	Allows for optimal mitochondrial membrane function, reduces oxidative stress	1 tsp	
Ultra Vitamin®	Provides necessary cofactors for proper enzymatic repair functions. Source of carotenoids and other antioxidants	1 tsp	
Liposomal Vitamin C	Antioxidant, recycles tocotrienols vital for membrane health	1 tsp	1 tsp
Liposomal Glutathione	Key tripeptide for cellular antioxidant functions. Fortifies vulnerable cell membranes	4 pumps	4 pumps
<b>TIMING</b>	*This is a 20 day protocol. All products should be taken daily, on an empty stomach if possible. Take one product at a time, hold in mouth 30 seconds before swallowing.		

\*Please note that patients may not require all supplements listed.

The information contained herein is for informational purposes only.

**Disclaimer:** These statements have not been evaluated by the Food & Drug Administration. These products are not intended to diagnose, treat, cure or prevent any disease.



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## Indications for Membrane Renewal Therapy

- Preventative measures to support healthy aging
- Degenerative conditions effecting organs or systems
- Chronic, unresolved inflammatory process or sub-clinical infections
- Multiple chemical sensitivities, toxicities

## Benefits

- Repair and optimize cellular function
- Cellular communication, regulation, and control
- Epigenetic signaling
- Restore membrane potential, membrane fluidity, and safeguard against lipid peroxidation
- Cellular energy (ATP) production
- Balance the cellular inflammatory response
- Cognitive function
- Support detoxification and healthy liver function
- Healthy barrier functions, including gut, mucosal, blood brain barrier, lungs, and kidneys