

# VAYACOG®

Medical food for the dietary management  
of Early Memory Impairment



## CLINICALLY SHOWN TO IMPROVE MEMORY



Clinically shown to:

- Improve short-term memory
- Improve long-term memory\*
- Improve learning abilities\*
- Be safe and well tolerated

\*Based on a subset analysis of subjects with better cognitive abilities prior to the intervention

## USES WHAT THE BODY KNOWS TO MAKE THE BODY BETTER



Vayacog's patented lipid composition serves as a key building block for healthy brain function. Using what the body already knows, Vayacog's unique structure is specially formulated to address nutrient deficiencies associated with early memory loss that cannot be addressed solely by changing the diet. And it is designed for enhanced brain absorption.



## EASY TO TAKE



Vayacog® comes in easy-to-swallow capsules but can also be opened and sprinkled on food. The typical recommended dose is one capsule per day. Vayacog® can also be used in conjunction with other therapies.

Allergy Information: Vayacog® contains fish and soy.

Contraindications: There are no known contraindications, however Vayacog® could potentially interact with cholinergic or anticholinergic medications.

ORDER TODAY ON  
[vayadirect.com](http://vayadirect.com)

**VAYA™**

Vayacog® is a medical food that addresses the lipid imbalances associated with Early Memory Impairment and is for use under medical supervision.



**VAYACOG<sup>®</sup>**

Medical food for the  
dietary management of  
Early Memory Impairment

**\$20 OFF  
FIRST BOTTLE\***

VAYA<sup>™</sup> Direct is a service available to patients that order VAYA<sup>™</sup> Pharma products, including Vayacog<sup>®</sup>. Order on VAYA<sup>™</sup> Direct to receive Vayacog<sup>®</sup> affordably and efficiently, directly to your door.

**GO ONLINE & ORDER TODAY!  
844-4-VDIRECT (844-483-4732)  
[vayadirect.com](http://vayadirect.com)**

\*Offer available only on new orders and for 90-capsule bottle only. Free standard shipping. Must be 18 years or older to order. Offer only available through VAYA<sup>™</sup> Direct.

Vayacog<sup>®</sup> is a specially formulated medical food to address certain lipid imbalances associated with Early Memory Impairment and is for use under medical supervision.



Questions?

Learn more at [vaya-direct.com](http://vaya-direct.com) or contact us at 844-VDIRECT or [order@vaya-direct.com](mailto:order@vaya-direct.com)

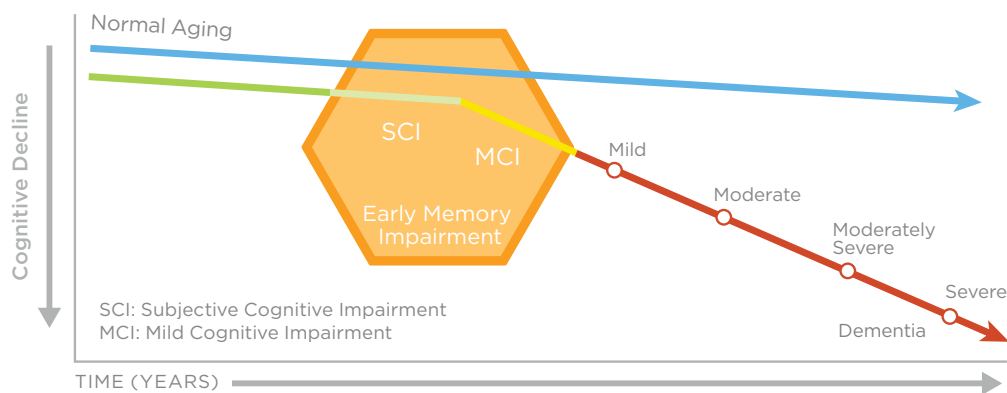
# ADDRESS MEMORY LOSS EARLY

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## What is early memory impairment?

SUBJECTIVE COGNITIVE IMPAIRMENT	MILD COGNITIVE IMPAIRMENT
<ul style="list-style-type: none"> <li>• Subjective decline in memory and functioning</li> <li>• Not confirmed by objective memory tests (ie. Mini Mental Exam, Sage Tests, etc.)</li> <li>• Healthy adults reporting SCI 4.5x more likely to progress to more advanced stages of memory loss such as MCI &amp; Dementia</li> </ul>	<ul style="list-style-type: none"> <li>• Subtle objective cognitive impairment</li> <li>• Impairment is measurable on objective testing</li> <li>• Deficits do not impair global cognitive function</li> <li>• Healthy adults reporting MCI 10x more likely to progress to dementia</li> </ul>

Reisberg B. et.al, Outcome over seven years of healthy adults with and without subjective cognitive impairment. *Alzheimers Dement.* 2010 Jan;6(1):11-24

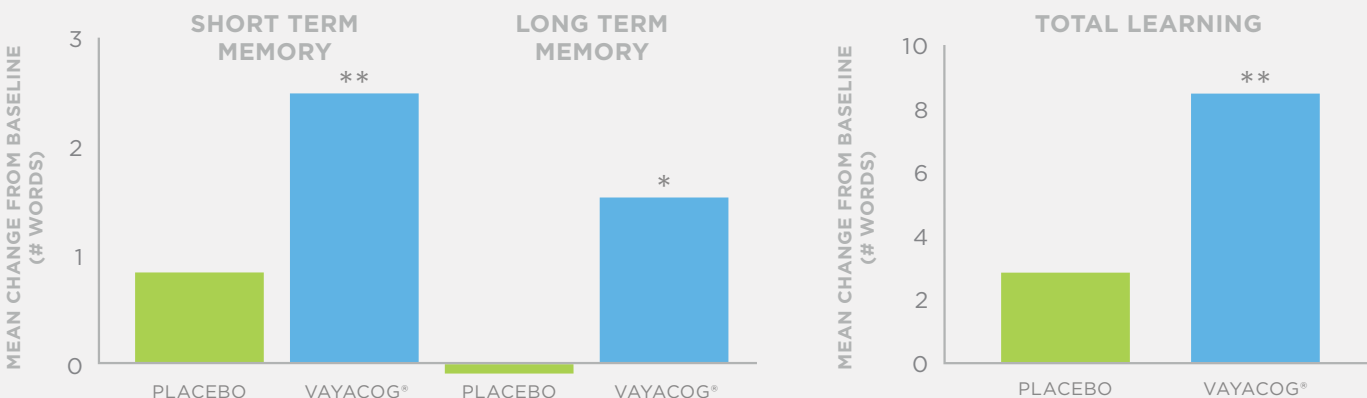


Golomb J. et.al, Mild cognitive impairment: historical development and summary of research. *Dialogues Clin Neurosci.* 2004, 6:351-64

## In patients with relatively better cognitive status, Vayacog<sup>®</sup> significantly improved:

- ✔ Short term memory
- ✔ Long term memory<sup>†</sup>
- ✔ Learning abilities<sup>†</sup>

Subset Analysis: Rey Auditory Verbal Learning Test (AVLT) N=78



\*p<0.05, \*\* p<0.01 based on ANCOVA controlled for baseline and MMSE scores.  
<sup>†</sup>Based on a subset analysis of subjects with better cognitive abilities prior to the intervention.

Vakhapova V. et.al, Phosphatidylserine containing omega-3 fatty acids may improve memory abilities in non-demented elderly with memory complaints: a double-blind placebo-controlled trial. *Dement Geriatr Cogn Disord.* 2010;29(5):467-74.

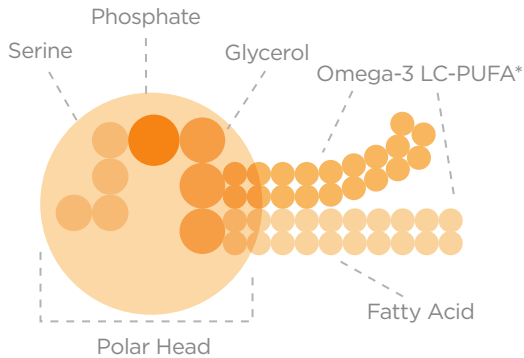
# HOW IT WORKS: THE VAYACOG® DIFFERENCE

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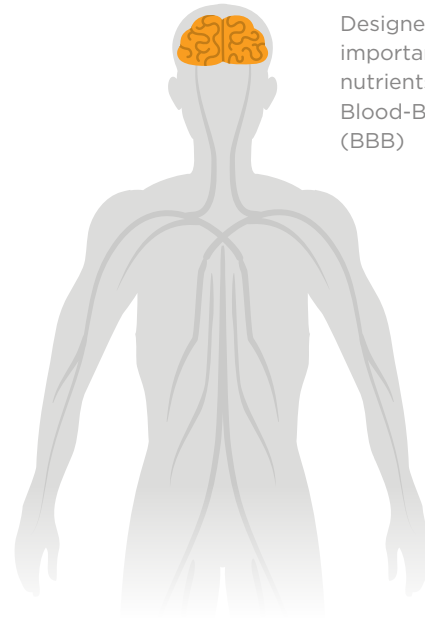
## The Vayacog® composition

The unique structure combining Phosphatidylserine and Omega-3 is what differentiates Vayacog® from other lipid-based products.

### Phosphatidylserine-Omega-3

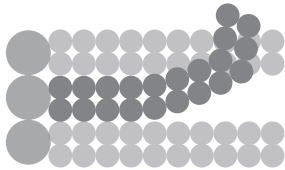


### VAYACOG®



Designed to provide important lipid nutrients across the Blood-Brain Barrier (BBB)

### Fish Oil Triglyceride

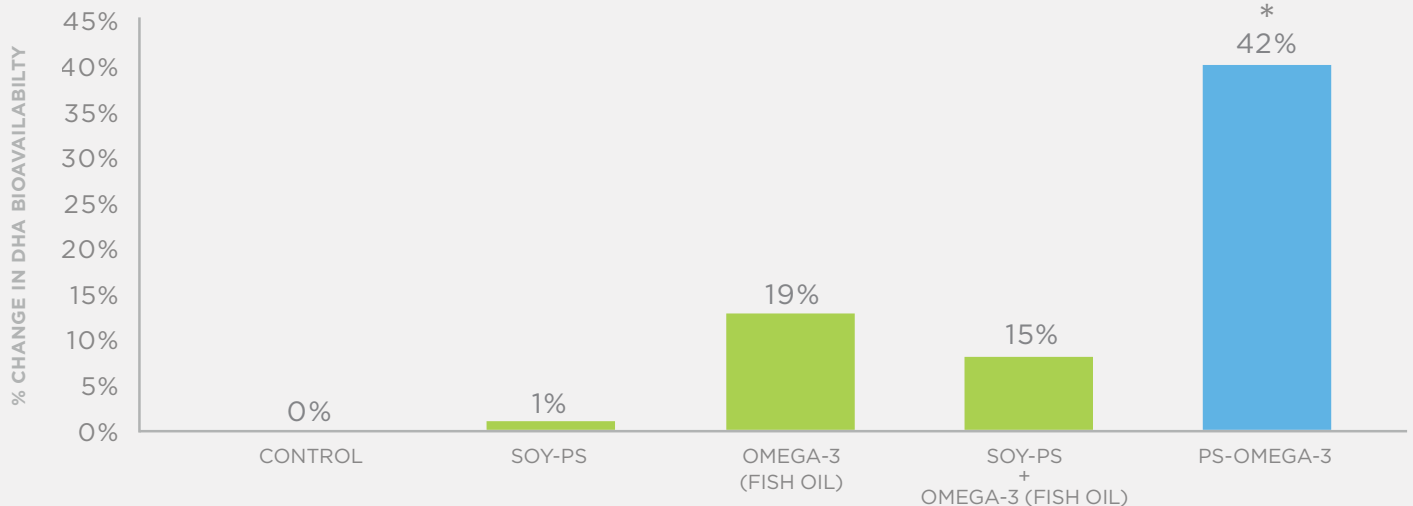


\*Long-chain polyunsaturated fatty acids

The Vayacog® composition Phosphatidylserine-Omega-3 (PS-Omega-3) is a proprietary lipid formulated to target the brain, and provide higher bioavailability of lipid nutrients across the blood-brain barrier.

### IN ANIMAL MODEL, PS-OMEGA-3 SIGNIFICANTLY INCREASED DHA BIOAVAILABILITY TO THE BRAIN

Significant increase of 42% in DHA bioavailability in the brain versus control



\*p < 0.05 compared to control, based on one-way ANOVA  
Valsman N, et al., Prog Neuropsychopharmacol Biol Psychiatry 2009;33:952-959.