



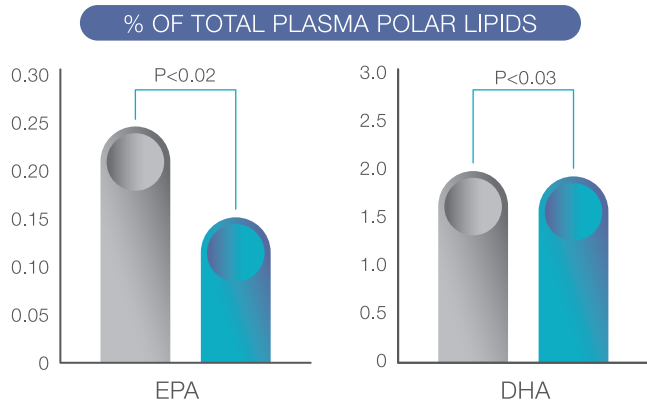
Vay-R[®]

A Unique Clinical Dietary
Management of **ADHD**

A Different need, a Different way.

LIPID IMBALANCES ARE ASSOCIATED WITH ADHD

Reduced levels of Omega-3s are associated with ADHD



Researches show that a reduced level of Omega-3 is associated with being overactive and having a low attention span.

■ ADHD n=53 ■ Control n=43
Stevens et al., Am J Clin Nutr, 1995, 62(4): p.761-8

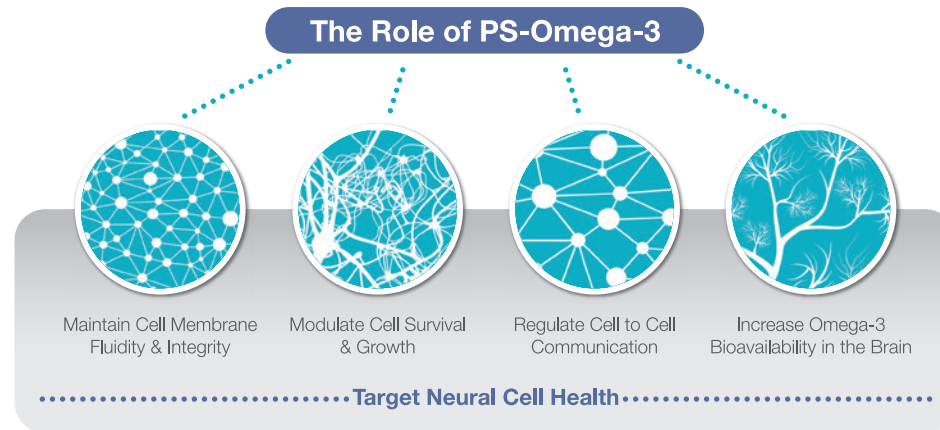
LIPIDS ARE CRITICAL IN BRAIN HEALTH

- 60% of brain dry weight is lipid
- 2% of body weight, consumes 20% of energy
- Lipids, specifically Essential Fatty Acids, are required for brain growth and health



Vay-R[®] TARGETS BRAIN HEALTH

Vay-R[®] is a unique lipid based molecule of Phosphatidylserine(PS) conjugated with Omega-3 fatty acids. It plays a crucial role in many pathways that target neural cell health.

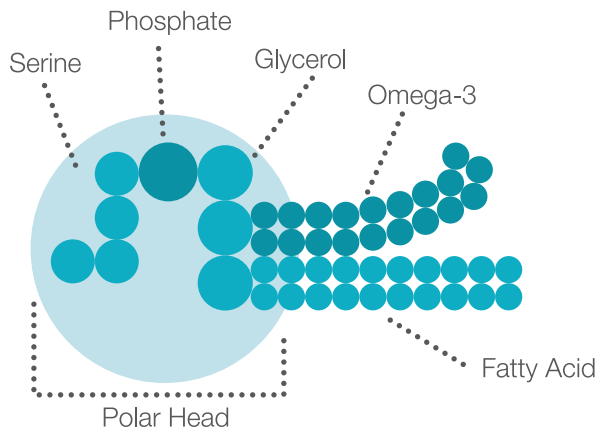


Vay-R[®]

IT'S UNIQUE

Vay-R[®] COMPOSITION

Phosphatidylserine-Omega-3 (PS-Omega-3)



The unique structure combining Phosphatidylserine (PS) and Omega-3 allows lipid nutrients to reach the brain.

- The nutritional formula of Vay-R[®] can help manage the lipid imbalances associated with ADHD.
- Vay-R[®]'s unique structure is different from ordinary dietary supplements or over-the-counter products.

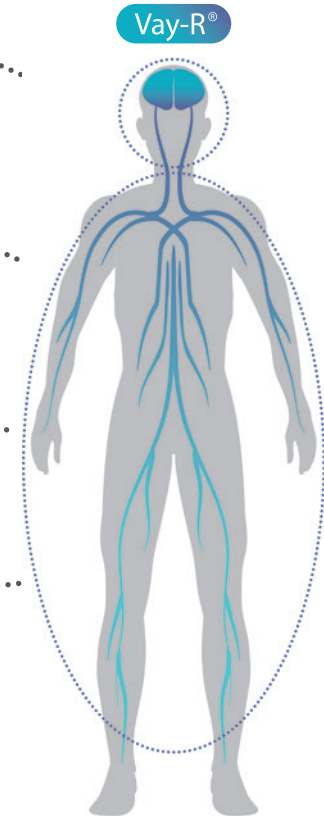
WHY IT WORKS

- Vay-R[®] gets lipid nutrients to the brain

- Vay-R[®]'s unique conjugated molecule increases the bioavailability of lipid nutrients across the Blood Brain Barrier (BBB)

- Vay-R[®]'s molecule also affects where and how the lipid is metabolized within the body

- Vay-R[®]'s proprietary composition addresses lipid imbalances that cannot be addressed by modification of the diet alone

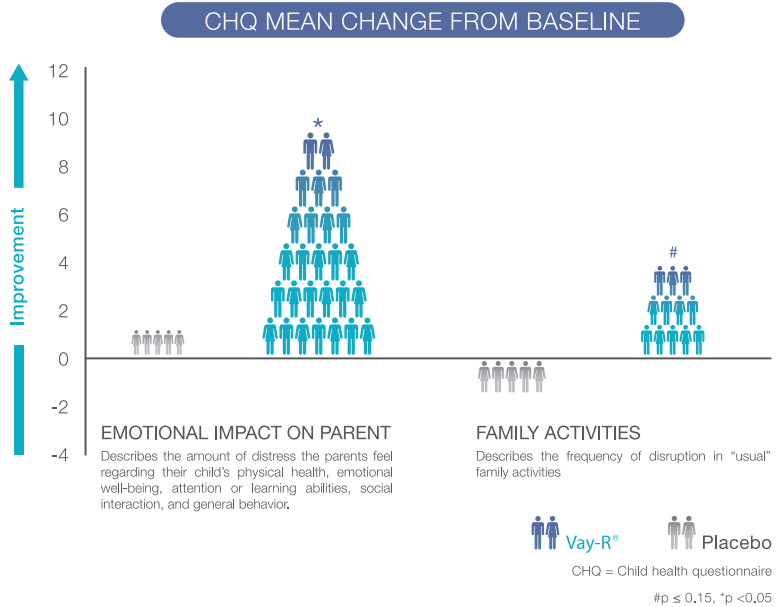


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Vay-R®

IT'S DIFFERENT

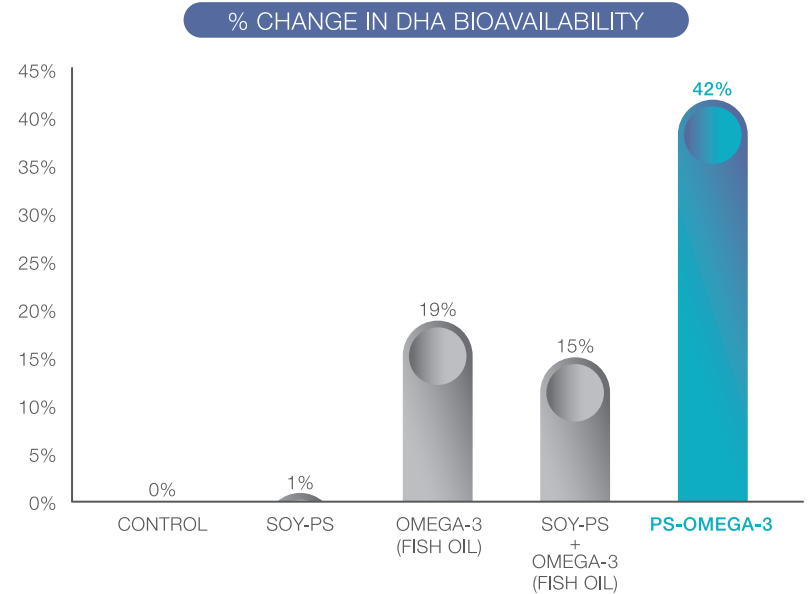
Vay-R® IS CLINICALLY SHOWN TO IMPROVE QUALITY OF LIFE



Based on student's t-test. Similar results were observed with a subset of hyperactive-impulsive children.
Manor, I, et al., Eur. Psychiatry, 2012, 27(5): p. 335-42

PS-OMEGA-3 RESULTED IN HIGHER BIOAVAILABILITY TO THE BRAIN

A significant increase of 42% in DHA bioavailability in the brain versus other forms



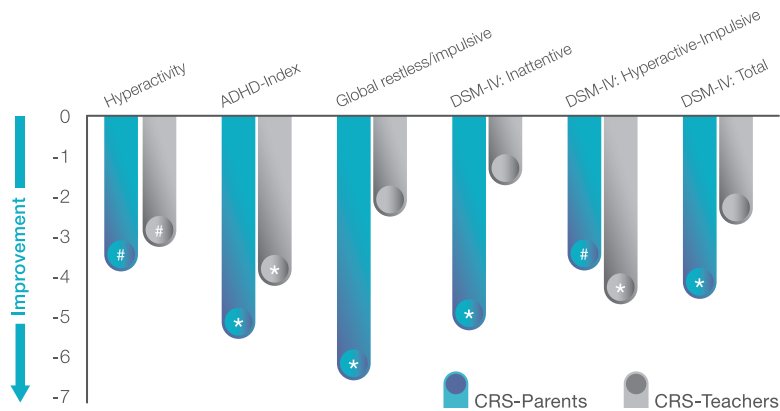
Vaisman N., et al., Prog Neuropsychopharmacol Biol Psychiatry 2009;33:952-959.
*p<0.05 compared to control, based on one-way ANOVA
*Data based on animal model

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Vay-R® WAS CLINICALLY SHOWN TO REDUCE ADHD SYMPTOMS, ESPECIALLY IN CHILDREN WITH EMOTIONAL DYSREGULATION¹

Double-Blinded Placebo Control Phase (Week 0-15)

PLACEBO ADJUST MEAN CHANGE FROM BASELINE



Results with the subgroup: Children were included in this subgroup if they had an abnormal baseline score (<62) in at least two of the following CRS T subscales:

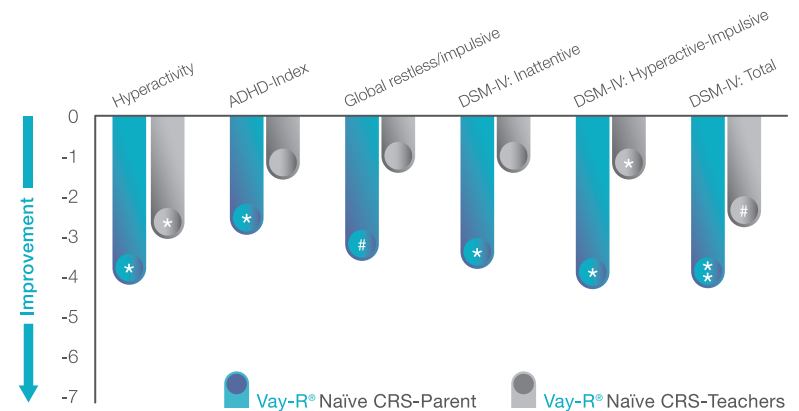
Oppositional, Hyperactivity, ADHD-index, or Global: Emotionally lability. #p ≤ 0.15 *p < 0.05, based on analysis of covariance controlled for gender and age.

Manor, I., et al., Eur Psychiatry. 2012; 27(5): p. 335-42.

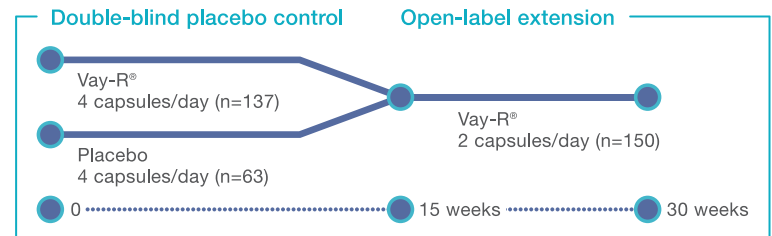
Vay-R® 4 capsules per day

Open Label Extension Phase (Week 15-30)

MEAN CHANGE FROM BASELINE



p ≤ 0.15, *p < 0.05, **p < 0.01, based on student's paired t-test
Manor, I., et al., Eur Psychiatry. 2012; 27(5): p.335-342.



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Vay-R®

IT'S SAFE

CLINICALLY SHOWN TO REDUCE THE SYMPTOMS OF ADHD WITH VIRTUALLY NO SIDE EFFECTS



- Proven to be safe and well tolerated.
- Vay-R® takes a longer-lasting approach to gradually build in the system to balance lipid level.
- There are no “comedowns”.
- Without negative side effects, there is no need to take a break from Vay-R®.

Vay-R® IS CLINICALLY PROVEN TO BE SAFE AND WELL TOLERATED

Vay-R® is composed of Generally Recognized As Safe (GRAS) ingredients.

		STUDY DESIGN		
		DOUBLE-BLIND STUDY (4 capsules/day)		OPEN-LABEL EXTENSION (2 capsules/day)
		Vay-R® (n=137)	Placebo (n=63)	Vay-R® (n=150)
ADVERSE EVENTS*	Gastrointestinal Discomfort	6	4	4
	Atopic Dermatitis	1	0	0
	SGOT Value**	1	0	0
	Headache	0	1	1
	Insomnia	0	0	1
	Tics	1	0	0
	High Triglycerides	0	0	1
	Nausea	1	0	0
	Hyperactivity	1	0	0
	Tantrum	2	0	0
TOTAL		13	5	7

*Judged by the study physicians as related or probably related to the study treatment

**Serum glutamic oxaloacetic transaminase

Monor, I., et al., Eur Psychiatry, 2013 ;28(6): p. 386-391

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DOSAGE & ADMINISTRATION



- Recommended dose is 2 capsules daily or as directed by a physician
- Easy to swallow capsules that can also be opened and sprinkled on food
- Vay-R[®] is supplied in bottles of 60 capsules

BEST RESULTS TAKE TIME



- Vay-R[®] works as a building block in the body. Since lipid levels vary by patient, it can take 30-90 days to build up in the system. It is important to provide both patients and caregivers with this expectation.
- No contraindications with ADHD drugs have been reported

Vay-R[®]

A UNIQUE DIETARY MANAGEMENT FOR ADHD

A DRUG-FREE APPROACH TO MANAGE LIPID DEFICIENCIES AND ASSIST IN IMPROVING LEARNING PERFORMANCE

- Unique PS-Omega-3 composition helps improve lipid imbalance problems related to being overactive.¹
- Higher bioavailability of Omega-3 in the brain compared to fish oil alone, soy-PS and soy-PS combined with fish oil.³
- Clinically proven to assist in improving emotional regulation and attention.^{1,2}
- Research proven safe for children.²
- Improved Quality of Life for patients and caregivers.¹



Reference:

1. Manor, I., et al. The effect of phosphatidylserine containing Omega3 fatty-acids on attention-deficit hyperactivity disorder symptoms in children: a double-blind placebo-controlled trial, followed by an open-label extension. *European Psychiatry*, 2012, 27(5): p.335-342.
2. Manor, I., et al. Safety of phosphatidylserine containing omega3 fatty acids in ADHD children: a double-blind placebo- controlled trial followed by an open-label extension. *European Psychiatry*, 2013, 28.6: p.386-391.
3. Vaisman N., et al. *Prog neuropsychopharmacol boil psychiatry* 2009;33: 952-959

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