

**EVALUATION OF THE EFFECTS OF NEPTUNE KRILL OIL (NKO™) ON
ATTENTION DEFICIT HYPERACTIVITY DISORDER (ADHD)**

Prospective non-randomized Phase I open label clinical study.

Objective: To evaluate the effect of NKO™ on adult Attention Deficit Hyperactivity Disorder (ADHD)

In collaboration with the International Association of Attention Deficit Hyperactivity Disorder

Location: Barry University - Miami Shores, Florida, USA and Montreal, Quebec, Canada

Recruiters: Coach therapists and naturopaths

Study population: 30 otherwise healthy adults with a confirmed diagnosis of ADHD

Outcome measure: *Barkley's Executive Function score of Behavioral Inhibition, Self Control and Executive Function*

RESULTS:

This is a presentation of the interim results after the completion of 3 months treatment. A total of 20 patients completed 3 months treatment and their results are presented hereafter:

Mean (SD) age = 23 (12) years

Mean (SD) age of ADHD diagnosis = 7 (3) years

After 90 days of treatment with 500mg NKO™ per day patients showed a statistically significant improvement in all three Barkley's Executive Function scores, specifically Behavioral Inhibition, Self Control and Executive Function. For example they improved their ability to concentrate by 56.3% (p=0.007), their ability to manage money by 33.3% (p=0.01) and their planning skills by 50.0% (p=0.001).

Conclusion:

The interim results of the present open-label study are indicative of a beneficial effect of Neptune Krill Oil (NKO™) on ADHD. These encouraging results allow us to predict an equally encouraging final outcome by the completion of this study. Upon final completion of this study we will have the justification we need to proceed to a pivotal Phase II-III clinical program designed for health claim approval.

**EVALUATION OF THE EFFECTS OF NEPTUNE KRILL OIL (NKO™) ON
ATTENTION DEFICIT HYPERACTIVITY DISORDER (ADHD)**

BEHAVIOR								
	MEAN	SD	MEAN	SD	p-value	MEAN Delta	SD Delta	% D
PARAMETER	V1	V1	V2	V2	V1-V2			
Fail to give close attention to details or make careless mistakes in my work	2.00	0.93	0.88	0.99	0.007	1.13	-0.07	56.3%
Fidget with hands or feet or squirm in seat	1.63	1.19	1.50	1.07	0.431	0.13	0.12	7.7%
Have difficulty sustaining my attention in tasks or fun activities	2.13	0.83	1.75	0.71	0.201	0.38	0.13	17.6%
Leave my seat in situations in which seating is expected	1.00	1.31	1.00	1.07	0.500	0.00	0.24	0.0%
Don't listen when spoken to directly	2.00	0.93	1.25	0.89	0.024	0.75	0.04	37.5%
Feel restless	1.88	1.13	1.13	0.83	0.099	0.75	0.29	40.0%
Don't follow through on instructions and fail to finish work	1.88	0.83	1.00	1.07	0.003	0.88	-0.23	46.7%
Have difficulty engaging in leisure activities or doing fun things quietly	2.00	1.07	1.00	0.76	0.009	1.00	0.31	50.0%
Have difficulty organizing tasks and activities	2.50	0.76	1.25	0.71	0.001	1.25	0.05	50.0%
Feel "on the go" or "driven by a motor"	1.75	1.04	1.38	0.92	0.238	0.38	0.12	21.4%
Avoid, dislike, or am reluctant to engage in work that requires sustained mental effort	2.00	0.93	1.25	0.89	0.024	0.75	0.04	37.5%
Talk excessively	1.63	1.06	0.75	1.04	0.088	0.88	0.03	53.8%
Lose things necessary for tasks or activities	1.88	0.99	1.25	1.16	0.070	0.63	-0.17	33.3%
Blurt out answers before questions have been completed	2.00	0.93	1.25	1.04	0.010	0.75	-0.11	37.5%
Am easily distracted	2.63	0.52	1.63	0.92	0.017	1.00	-0.40	38.1%
Have difficulty awaiting turn	1.63	0.92	0.88	0.99	0.040	0.75	-0.07	46.2%
Am forgetful in daily activities	1.88	1.13	1.13	0.83	0.024	0.75	0.29	40.0%
Interrupt or intrude on others	1.25	1.28	0.63	0.74	0.047	0.63	0.54	50.0%
	1.87	0.99	1.16	0.92	0.022	0.71	0.06	0.37

**EVALUATION OF THE EFFECTS OF NEPTUNE KRILL OIL (NKO™) ON
ATTENTION DEFICIT HYPERACTIVITY DISORDER (ADHD)**

DAILY FUNCTIONAL CAPACITY								
	MEAN	SD	MEAN	SD	p-value	MEAN	SD D	% D
PARAMETER	V1	V1	V2	V2	V1-V2	D		
In our home life with our immediate family	1.88	0.35	1.88	0.83	0.500	0.00	-0.48	0.0%
In his/her school or work life (as an adolescent)	2.38	1.06	2.14	0.90	0.415	0.23	0.16	9.8%
In his/her social interactions with others	1.38	0.92	1.75	0.71	0.238	-0.38	0.21	27.3%
In his/her activities in the community	1.50	0.76	1.38	0.92	0.408	0.13	-0.16	8.3%
In any educational activities	2.38	0.74	1.75	0.89	0.090	0.63	-0.14	26.3%
In his/her dating or marital relationship	1.75	0.46	1.43	0.79	0.178	0.32	-0.32	18.4%
In his/her management or my money	2.25	1.04	1.50	1.20	0.010	0.75	-0.16	33.3%
In his/her driving of a motor vehicle	1.88	1.13	1.38	1.06	0.052	0.50	0.07	26.7%
In his/her leisure or recreational activities	1.63	0.52	1.63	0.52	0.500	0.00	0.00	0.0%
In his/her management of my daily responsibilities	2.63	0.52	2.13	0.99	0.138	0.50	-0.47	19.0%
	1.96	0.75	1.69	0.88	0.001	0.27	-0.13	11.5%

**EVALUATION OF THE EFFECTS OF NEPTUNE KRILL OIL (NKO™) ON
ATTENTION DEFICIT HYPERACTIVITY DISORDER (ADHD)**

SOCIAL BEHAVIOR								
	MEAN	SD	MEAN	SD	p-value	MEAN	SD D	% D
PARAMETER	V1	V1	V2	V2	V1-V2	D		
Loses temper	0.88	0.83	1.25	1.16	0.238	-0.38	-0.33	- 42.9%
Argues	1.00	0.93	1.00	0.93	0.500	0.00	0.00	0.0%
Actively defy or refuse to comply with requests or rules	0.63	0.74	0.88	0.99	0.299	-0.25	-0.25	- 40.0%
Deliberately annoys people	0.50	0.53	0.38	0.52	0.299	0.13	0.02	25.0%
Blame others for my mistakes or misbehaviour	0.38	0.52	0.25	0.46	0.342	0.13	0.05	33.3%
Is touchy or easily annoyed by others	1.38	1.06	1.25	1.16	0.401	0.13	-0.10	9.1%
Is angry or resentful	1.25	1.04	1.38	1.06	0.401	-0.13	-0.03	- 10.0%
Is spiteful or vindictive	0.38	0.52	0.25	0.46	0.299	0.13	0.05	33.3%
	0.80	0.77	0.83	0.84	0.050	-0.03	-0.07	1.0%