

UNPUBLISHED RESEARCH
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EVALUATION OF THE EFFECTS OF NKO™ ON THE QUALITY OF LIFE (SF-36)
OF HYPERLIPIDEMIA PATIENTS

Study Objective: To assess the effects of NKO™ on the quality of life of hyperlipidemia patients.

Study Design: Prospective Randomized Clinical Trial, double blind (120 patients)

Dosage: 1.0g / day for 30 days & 500mg / day thereafter (BMI dependent)

THE RESULTS OF THE PRESENT STUDY DEMONSTRATE WITHIN HIGH LEVELS OF CONFIDENCE
THAT:

NKO™ AT A BOOSTER 1.0G/DAY & MAINTENANCE 0.5G/DAY IS SIGNIFICANTLY
EFFECTIVE FOR THE:

IMPROVEMENT OF PHYSICAL FUNCTION & ROLE

REDUCTION OF PHYSICAL PAIN & FATIGUE

IMPROVEMENT OF SOCIAL FUNCTION & EMOTIONAL ROLE

IMPROVEMENT OF GENERAL HEALTH, MENTAL & PHYSICAL

IMPROVEMENT OF PHYSICAL APPEARANCE

NKO™ AT A BOOSTER 1.0G/DAY & MAINTENANCE 0.5G/DAY IS MORE EFFECTIVE THAN
FISH OIL (3.0 GR/DAY) FOR THE:

IMPROVEMENT OF PHYSICAL FUNCTION & ROLE

REDUCTION OF PHYSICAL PAIN & FATIGUE

IMPROVEMENT OF SOCIAL FUNCTION & EMOTIONAL ROLE

IMPROVEMENT OF GENERAL HEALTH, MENTAL & PHYSICAL

IMPROVEMENT OF PHYSICAL APPEARANCE

CLAIM:

CLINICALLY PROVEN NUTRITIONAL SUPPORT FOR IMPROVEMENT OF
PHYSICAL & EMOTIONAL QUALITY OF LIFE

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EVALUATION OF THE EFFECTS OF NKO™ ON THE QUALITY OF LIFE

(SF-36) OF HYPERLIPIDEMIA PATIENTS

RESULTS

SF-36 Physical Function Scores by Group and Visit			GROUP				P Value
			NKO 1.5 / 0.5 g/d	NKO 3.0 g/d	FISH OIL 3.0 g/d	Placebo	(Between Groups)
VISIT	Baseline	Mean	19.53	19.93	21.07	19.40	0.17
		% Change					
	30 Days	Mean	26.73	27.00	22.86	20.67	0.001
		% Change	37%	35%	8%	7%	
	90 Days	Mean	27.21	26.77	23.18	21.15	0.001
		% Change	39%	34%	10%	9%	
	180 Days	Mean	26.36				
		% Change	35%				
P Value (Within Groups) / Interaction			0.001	0.001	0.116	0.158	0.001
SF-36 Physical Role Scores by Group and Visit			GROUP				P Value
			NKO 1.5 / 0.5 g/d	NKO 3.0 g/d	FISH OIL 3.0 g/d	Placebo	(Between Groups)
VISIT	Baseline	Mean	2.00	2.40	1.80	2.20	0.256
		% Change					
	30 Days	Mean	3.00	3.47	2.03	2.13	0.002
		% Change	50%	45%	13%	-3%	
	90 Days	Mean	3.46	3.00	2.14	2.23	0.002
		% Change	73%	25%	19%	1%	
	180 Days	Mean	3				
		% Change	50%				
P Value (Within Groups) / Interaction			0.002	0.015	0.250	0.800	0.001
SF-36 Fatigue Scores by Group and Visit			GROUP				P Value
			NKO 1.5 / 0.5 g/d	NKO 3.0 g/d	FISH OIL 3.0 g/d	Placebo	(Between Groups)
VISIT	Baseline	Mean	13.80	13.93	15.00	14.93	0.634
		% Change					
	30 Days	Mean	18.47	19.13	17.00	12.8	0.001
		% Change	34%	37%	13%	-14%	
	90 Days	Mean	20.79	19.15	18.15	14.31	0.001
		% Change	51%	37%	21%	-4%	
	180 Days	Mean	20.07				
		% Change	45%				
P Value (Within Groups) / Interaction			0.001	0.001	0.095	0.216	0.001

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SF-36 Pain Scores by Group and Visit			GROUP				P Value
			NKO 1.5 / 0.5 g/d	NKO 3.0 g/d	FISH OIL 3.0 g/d	Placebo	(Between Groups)
VISIT	Baseline	Mean	8.53	7.53	8.2	7.4	0.272
		% Change					
	30 Days	Mean	6.35	5.89	8.06	7.33	0.04
		% Change	-26%	-22%	-2%	-1%	
	90 Days	Mean	5.85	5.02	7.08	7.31	0.03
		% Change	-31%	-33%	-14%	-1%	
	180 Days	Mean	5.89				
		% Change	-31%				
P Value (Within Groups) / Interaction			0.025	0.021	0.632	0.986	0.030

SF-36 Social Function Scores by Group and Visit			GROUP				P Value
			NKO 1.5 / 0.5 g/d	NKO 3.0 g/d	FISH OIL 3.0 g/d	Placebo	(Between Groups)
VISIT	Baseline	Mean	6.13	7.4	6.33	6.67	0.226
		% Change					
	30 Days	Mean	8.67	9.97	7.15	5.93	0.001
		% Change	41%	35%	13%	-11%	
	90 Days	Mean	8.14	10.05	6.85	6.15	0.017
		% Change	33%	36%	8%	-8%	
	180 Days	Mean	8.57				
		% Change	40%				
P Value (Within Groups) / Interaction			0.001	0.002	0.312	0.681	0.040

SF-36 Emotional Role Scores by Group and Visit			GROUP				P Value
			NKO 1.5 / 0.5 g/d	NKO 3.0 g/d	FISH OIL 3.0 g/d	Placebo	(Between Groups)
VISIT	Baseline	Mean	1.13	1.2	1.4	1.33	0.711
		% Change					
	30 Days	Mean	1.6	1.73	1.46	1.3	0.040
		% Change	42%	44%	4%	-2%	
	90 Days	Mean	1.79	1.88	1.43	1.25	0.010
		% Change	58%	57%	2%	-6%	
	180 Days	Mean	1.8				
		% Change	59%				
P Value (Within Groups) / Interaction			0.043	0.044	0.724	0.419	0.035

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SF-36 Mental Health Scores by Group and Visit			GROUP				P Value
			NKO 1.5 / 0.5 g/d	NKO 3.0 g/d	FISH OIL 3.0 g/d	Placebo	(Between Groups)
VISIT	Baseline	Mean	16.8	17.8	17.2	17.93	0.73
		% Change					
	30 Days	Mean	24.93	25.27	19.78	16.27	0.001
		% Change	48%	42%	15%	-9%	
	90 Days	Mean	25.29	26.68	20.27	15.62	0.001
		% Change	51%	50%	18%	-13%	
	180 Days	Mean	25.36				
		% Change	51%				
P Value (Within Groups) / Interaction			0.001	0.001	0.182	0.366	0.001

SF-36 General Health Scores by Group and Visit			GROUP				P Value
			NKO 1.5 / 0.5 g/d	NKO 3.0 g/d	FISH OIL 3.0 g/d	Placebo	(Between Groups)
VISIT	Baseline	Mean	15.92	15.24	15.4	15.79	0.921
		% Change					
	30 Days	Mean	21.48	20.36	15.83	14.47	0.001
		% Change	35%	34%	3%	-8%	
	90 Days	Mean	23.41	21.98	15.86	14.66	0.001
		% Change	47%	44%	3%	-7%	
	180 Days	Mean	24.01				
		% Change	51%				
P Value (Within Groups) / Interaction			0.015	0.014	0.182	0.366	0.001

Physical Appearance Scores by Group and Visit			GROUP				P Value
			NKO 1.5 / 0.5 g/d	NKO 3.0 g/d	FISH OIL 3.0 g/d	Placebo	(Between Groups)
VISIT	Baseline	Mean	14.52	14.03	15.13	15.21	0.935
		% Change					
	30 Days	Mean	19.84	19.14	16.26	14.98	0.001
		% Change	37%	36%	7%	-2%	
	90 Days	Mean	22.11	21.25	17.98	15.01	0.001
		% Change	52%	51%	19%	-1%	
	180 Days	Mean	23.01				
		% Change	58%				
P Value (Within Groups) / Interaction			0.012	0.014	0.085	0.397	0.001