

MALE SUBJECTS WITH LOW SPERM
ACTIVITY AND INFERTILITY CONSUMED
TWO DIETARY SUPPLEMENTS, LAMININE
AND OMEGA⁺⁺⁺ FOR 90 DAYS SHOWING
IMPROVED SPERMATOGRAM RESULTS
AND 20% ENHANCED PREGNANCY
RATE AS COMPARED TO PLACEBO
CONTROL SUBJECTS

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Research conducted by Ecopark LLC Medical Center,
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ABSTRACT

Background: It has been demonstrated that fifteen percent of couples cannot conceive children in the first year of family life. Eight percent of couples remain childless all their lives. It has been well noted that about half of childless cases is due to health or wellness issues with the male partner. Recent data indicates the quality of the spermatozoa. Azoospermia is the absence of motile, viable sperm in semen. Lower sperm count and less viable or low sperm cell motility is directly related to lack of pregnancy, embryo development disorders, congenital disorders and even to childhood cancers. There are a variety of reasons resulting in male sterility that include physiological, emotional, traumatic events, genetics, and preexisting medical conditions. Over the last 4 decades clinical and basic research studies have shown various clinical effects of nutritional and dietary ingredients towards supporting maintenance of healthy blood sugar, cholesterol, and triglyceride levels. Studies have also indicated that particular amino acids, omega-3 fatty acids, vitamins, including vitamin K2 found in the OMEGA⁺⁺⁺ product, and minerals can be lacking or deficient in both young and older populations.

Purpose/Objectives: A placebo controlled clinical study was undertaken to evaluate males who had undergone standard of care fertility assessment and had exhausted other fertility treatments except for surgery procedures. Subjects completed voluntary consent and were informed of study requirements. A clinical trial protocol was developed to evaluate the effects of subjects concerning the impact on the health of the patient's undergoing treatment for sterility, of the LAMININE and OMEGA⁺⁺⁺ dietary supplements produced by LifePharm Inc., Irvine, CA.

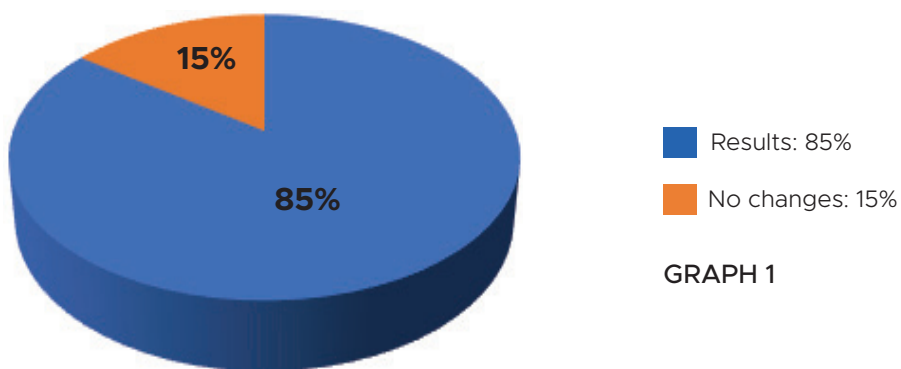
Methods: Physicians use Standard Methods to Treat Male Infertility. These recommendations facilitate spermogram improvement in 50% of cases. Subjects should maintain a normal rhythm of work and rest, good nutrition, sex life rhythm, and seek diagnoses and treatment for associated diseases. Subjects should adjust exercise routines, eliminate overheating, and lower exercise stress such as occurs in extreme workouts. Subjects should seek to eliminate the factors that cause depression, pavor (dread or worry), & neuroses. All subjects in the study had previously undergone all methods except surgery. Subjects Consuming 2 LAMININE and 2 OMEGA⁺⁺⁺ formula daily showed Improvements in spermogram parameters as Compared to Control patients receiving a placebo.

Subjects were instructed to take 2 LAMININE and 2 OMEGA⁺⁺⁺ daily. Subjects returned once a month to have sperm reevaluated and blood tested for several parameters. 20 subjects were selected for the treatment method with the dietary supplements, and 20 subjects were selected as controls consuming a placebo containing calcium.

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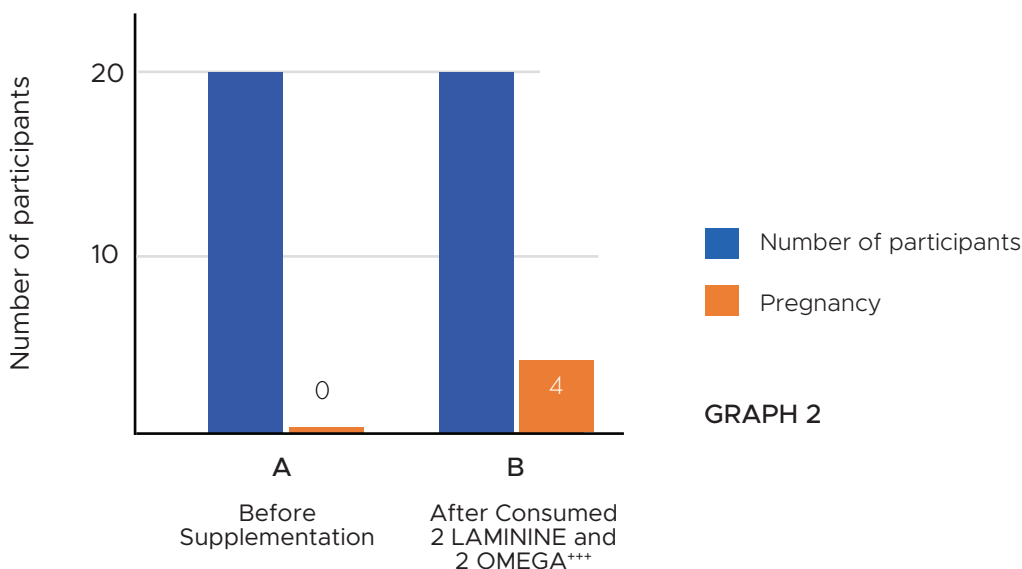
Results: Eighty five percent of male subjects that consumed 2 LAMININE and 2 OMEGA⁺⁺⁺ formula daily showed Improvements in Spermogram values as compared to control patients receiving placebo. Spermogram results included Semen Quality, Sperm Viability and Sperm Motility. These are factors in subjects sperm quality, which can affect pregnancy. Eighty five percent of Males Consuming 2 LAMININE and 2 OMEGA⁺⁺⁺ Supplements for 3 months Showed Improved Spermogram results including Semen Quality, Sperm Viability and Sperm Motility (Graph 1)



GRAPH 1

MALE SUBJECTS WHO CONSUMED 2 LAMININE AND 2 OMEGA⁺⁺⁺ DAILY FOR 3 MONTHS

Showed a twenty percent Increase in Viable Pregnancies as Compared to No pregnancies in Control Subjects (Graph 2)



GRAPH 2

MALE SUBJECTS WITH LOW SPERM ACTIVITY AND INFERTILITY CONSUMED TWO DIETARY SUPPLEMENTS, LAMININE AND OMEGA⁺⁺⁺ FOR 90 DAYS SHOWING IMPROVED SPERMATOGRAM RESULTS AND 20% ENHANCED PREGNANCY RATE AS COMPARED TO PLACEBO CONTROL SUBJECTS

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SUMMARY

- These LifePharm dietary supplement formulas were well tolerated by patients and caused no side effects or contraindications in the subjects studied.
- These males had undergone medical standard-of-care fertility treatments without any results in sperm quality or pregnancy rate.
- The data obtained and results showed a beneficial influence on the subjective conditions of patients.
- Laboratory data on semen and sperm dynamics showed improvements in Group B (supplemented group) but not in Group A (placebo control group).
- Eighty five percent of supplemented group showed improvements in semen quality (higher sperm counts, improved sperm viability and motility).
- The combination of the LAMININE and OMEGA⁺⁺⁺ supplements were able to influence a variety of conditions affecting sterility in men.
- Consumption of two supplements daily of both LAMININE and OMEGA⁺⁺⁺ resulted in emergence of pregnancy in twenty percent of the married couples participating in the research.
- Further research is warranted as these initial results indicate some positive results using this supplement regimen for support in male infertility issues.