INTRODUCTION AND OBJECTIVES

Antioxidants have long been used in the empirical treatment of infertile men. While a positive effect has been reported by a number of studies, others have failed to demonstrate any benefit leading to controversy regarding their efficacy in the treatment of infertility. The aim of the present study was to evaluate the effects of antioxidant combination therapy on conventional semen parameters and advanced sperm function tests in men seeking fertility.

RESULTS

• The mean age of study participants was 35.9 ± 0.5 years and body mass index 29.6 ± 0.4 kg/m². Compared to the pretreatment results, there was statistically significant improvement in conventional semen parameters including sperm concentration, total and progressive motility and normal morphology after 3 months of treatment with FH-PRO. Furthermore, a significant improvement in advanced sperm function tests (SDF & ORP) was also observed following antioxidant supplementation.

CONCLUSION

• Treatment of patients with idiopathic male infertility with FH-PRO antioxidant regimen for 3 months resulted in significant improvement in conventional semen parameters and advanced tests of sperm function. The antioxidant supplement offers great promise to the medical treatment of idiopathic male infertility.

References: