

Re: Impact of Fresh Versus Cryopreserved Testicular Sperm Upon Intracytoplasmic Sperm Injection Pregnancy Outcomes in Men with Azoospermia Due to Spermatogenetic Dysfunction: A Meta-Analysis

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EDITORIAL COMMENT

Azoospermia affects up to 15% of men seeking evaluation for infertility. Sperm retrieval from testicular tissue and using for intracytoplasmic injection to the oocytes is the only treatment option for men with nonobstructive azoospermia (NOA). Although the use of fresh sperm for intracytoplasmic sperm injection (ICSI) is widely used in many centers all around the world, it brings the risk of 50% cancellation of the procedure if no sperm extract from testicular tissue. Contrary to that freezing testis sperm offers many advantages, ie TESE operation can be scheduled electively, women do not need to go simultaneous procedures and most importantly couple knows whether they have enough sperm to proceed for IVF. This meta-analysis demonstrates that men with NOA the fertilization and pregnancy rates are similar with fresh and frozen sperm retrieved from the testis. However physician should have to inform their patients who have cryopreserved very low count of testicular sperm that after thawing some or all sperm may lose their vitality.

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Re: Testosterone Supplementation Versus Clomifen Citrate for Hypogonadism: An age Matched Comparison of Satisfaction and Efficacy

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EDITORIAL COMMENT

Idiopathic age related hypogonadism is a current health epidemic and affects approximately 40% of men over 45 years old. Most patients are treated with testosterone injections or gels for symptomatic hypogonadism. Testosterone injections (testosterone cypionate) have been used for many years but it generates very high serum testosterone level in early administration and then goes below normal range. This fluctuation of serum testosterone level may also affect the satisfaction of the patient. Authors investigated retrospectively the satisfaction and treatment efficacy in men with symptomatic hypogonadism (total testosterone less than 300 ng/dl) who treated with clomiphene citrate (CC), testosterone injections or gels. The satisfaction from the treatment was measured using qADAM questionnaire. They concluded that all regiments are affective for improving serum testosterone level. Although serum testosterone level lower in men treated with CC and testosterone gel the satisfaction was similar to men treated with testosterone injections. This study provides reassurance that testosterone level above normal range does not increase satisfaction and CC is an affordable alternative to other testosterone supplements.

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