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Effect of acupuncture on the outcome of in vitro fertilization and intracytoplasmic sperm injection: a randomized, prospective, controlled clinical study.

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OBJECTIVE: To determine the effect of luteal-phase acupuncture on the outcome of IVF/intracytoplasmic sperm injection (ICSI). DESIGN: Randomized, prospective, controlled clinical study. SETTING: University IVF center. PATIENT(S): Two hundred twenty-five infertile patients undergoing IVF/ICSI. INTERVENTION(S): In group I, 116 patients received luteal-phase acupuncture according to the principles of traditional Chinese medicine. In group II, 109 patients received placebo acupuncture. MAIN OUTCOME MEASURE(S): Clinical and ongoing pregnancy rates. RESULT(S): In group I, the clinical pregnancy rate and ongoing pregnancy rate (33.6% and 28.4%, respectively) were significantly higher than in group II (15.6% and 13.8%).

CONCLUSION(S): Luteal-phase acupuncture has a positive effect on the outcome of IVF/ICSI.

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