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Patient satisfaction and clinical outcome after injecting gonadotropins with use of a needle-free carbon dioxide injection system for controlled ovarian hyperstimulation for in vitro fertilization.

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Abstract

In this prospective, randomized clinical trial, we tested the hypothesis that a needle-free CO₂ injection system (Biojector 2000) would be better tolerated by patients when compared with traditional sharp needles used for gonadotropin injections during stimulation for IVF. As measured by our questionnaire, the needle-free CO₂ injection system was not better tolerated by patients, even though it was equally effective clinically.

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