

The Author Response

Comparison of IVF-ET outcomes in patients with hydrosalpinx pretreated with either sclerotherapy or laparoscopic salpingectomy

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Reply:

Thank you very much for your special interest in our article.

We only performed laparoscopic surgery in two cases due to ectopic pregnancy after IVF-ET and sclerotherapy. There were no other cases of laparoscopy due to pain or adhesion after hydrosalpinx sclerotherapy.

Some patients complained of pain on the day of surgery or during immediate follow-up; however, no one complained of long-term pain because our method had different outcomes from that of the correspondent.

Alcohol was used as a sclerosing agent, and tetracycline emulsion was applied as a final residual sclerosing agent [1]. First, the alcohol was injected approximately ten times into the hydrosalpinx as an irrigation agent. Then, after the alcohol was completely removed, 1-1.5 mL of the tetracycline emulsion, which was prepared by dissolving one or two 250-mg tablets of Teracyclin into distilled water, was finally injected into the hydrosalpinx area.

No cases with long-term pain and laparoscopy, and no cases with the symptoms of suspected intraperitoneal adhesion occurred.

Hospitalization is unnecessary for this procedure. We believe this procedure would be a simpler and more appropriate method than IVF-ET. It is suggested that further studies be performed on this procedure.

Conflict of interest

No potential conflict of interest relevant to this article was reported.

Reference

1. Na ED, Cha DH, Cho JH, Kim MK. Comparison of IVF-ET outcomes in patients with hydrosalpinx pretreated with either sclerotherapy or laparoscopic salpingectomy. Clin Exp Reprod Med 2012;39: 182-6.

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