

Egyptian Fertility Sterility Society

Combination Medical Therapy Versus Methotrexate Alone for Treating Ectopic Pregnancy

What Is Known Already

Ectopic pregnancy is usually treated with surgery or methotrexate (MTX) alone, but use of MTX with another medication eg, gefitinib (mifepristone) has been described (1&2).

.What is The New?

In a randomized trial comparing a single dose of MTX plus seven days of either gefitinib or placebo in over 300 patients with tubal ectopic pregnancy, both groups had similar rates of surgical intervention, time to pregnancy resolution, subsequent doses of MTX, and serious complications {3}.

Implications of This Findings:

In women with a tubal ectopic pregnancy, adding oral gefitinib to parenteral methotrexate does not offer clinical benefit over methotrexate and increases minor adverse reactions.

References

1-ACOG Practice Bulletin No. 193: Tubal Ectopic Pregnancy

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2-Non-surgical management of tubal ectopic pregnancy: A systematic review and meta-analysis.Xiao C, Shi Q, Cheng Q, Xu J

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3- Horne AW, Tong S, Moakes CA, Middleton LJ, Duncan WC, Mol BW, Whitaker LHR, Jurkovic D, Coomarasamy A, Nunes N, Holland T, Clarke F, Doust AM, Daniels JP, GEM3 collaborative
Combination of gefitinib and methotrexate to treat tubal ectopic pregnancy (GEM3): A multicentre, randomised, double-blind, placebo-controlled trial.
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