

# Combination drug therapy effectively treats male infertility

6 June 2018

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Two drugs that are commonly used off-label in the treatment of male infertility are clomiphene citrate (CC) and anastrozole (AZ); however, data are lacking on the use of combination CC+AZ therapy.

A new *BJU International* study found that combination CC+AZ therapy is safe and effective for patients with elevated [estradiol](#) or a low testosterone/estradiol ratio.

In the study of 51 men, AZ provided an effective means for lowering estradiol levels and increasing the testosterone/estradiol ratio following the initiation of CC therapy. CC is a selective estrogen receptor modulator that increases gonadotropin production and indirectly stimulates androgen synthesis, but it is associated with increased estradiol levels. AZ is an aromatase inhibitor that decreases conversion of [testosterone](#) to estradiol.

**More information:** *BJU International*, [DOI: 10.1111/bju.14390](#) , [onlinelibrary.wiley.com/journal/1464410x](http://onlinelibrary.wiley.com/journal/1464410x)

Provided by Wiley

APA citation: Combination drug therapy effectively treats male infertility (2018, June 6) retrieved 12 June 2021 from <https://medicalxpress.com/news/2018-06-combination-drug-therapy-effectively-male.html>

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