

Clomifene/menotropins/triptorelin

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First report of bilateral ovarian calcifications: case report

A 34-year-old woman developed asymptomatic bilateral ovarian calcifications following ovarian stimulation with menotropins [human menopausal gonadotropin] and triptorelin [*dosages not stated*] for *in vitro* fertilisation (IVF) therapy. Two years later, an ovarian tumour was diagnosed.

The woman had initially received 6 cycles of ovarian stimulation with clomifene and menotropins prior to intra-uterine insemination over a 7-month period, but did not become pregnant. She subsequently began IVF with triptorelin and menotropin ovarian stimulation and became pregnant after the first cycle. The baby was delivered by caesarean section and her ovaries were normal at this time.

Prior to a second ovarian stimulation about 14 months later, sonography revealed that the woman had bilateral linear or curved ovarian calcifications at the follicle boundary. IVF was attempted on 2 more occasions using triptorelin and menotropin stimulation, with no success.

Approximately 21 months after the ovarian calcifications were detected, a left isolated ovarian anechogenic tumour was found. The woman was scheduled for a laparoscopic tumerectomy. [*Patient outcome not stated.*]

Author comment: *Several cases of ovarian cancer after ovarian stimulation have been reported, but this is the first reported case of asymptomatic bilateral ovarian calcifications.*

Fazel A, et al. Bilateral ovarian calcifications associated with an ovarian tumor after ovarian stimulation. *Fertility and Sterility* 70 (Suppl. 1): 176, Sep 1998 [abstract] - France 800715465

» **Editorial comment:** A search of AdisBase and Medline revealed previous case reports of endometrial and testicular calcifications associated with clomifene therapy, but no cases of ovarian calcifications. This adverse effect has not previously been reported with menotropins and triptorelin.