

Assessment of ovarian vascularity by three-dimensional vaginal power Doppler on day seven of menstrual cycle to predict the number of eggs collected in antagonist cycle

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Abstract

could ovarian vascularity indices on day 2 and 7 of stimulation in antagonist cycle, measured by 3-dimensional (3D) vaginal power Doppler, predict high and poor responders after controlled ovarian stimulation?

Summary answer .ovarian vascularity index (VI) on day 7 may be an indicator of poor (<three mature eggs collected) ovarian responses to gonadotropins.

What is known already Poor and/or hyper ovarian responses to gonadotropins may be related to cycle cancellation during controlled ovarian stimulation (COS). In this context, gonadotropin dose is often individualized using patient features that predict ovarian response (such as age, antral follicular count (AFC) and anti-Müllerian hormone (AMH)).

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Biography

Dr. Fakh is a qualified Specialist Dermatologist, Venerologist coupled with advanced Laser and Aesthetic expertise with 10+ years of dynamic experience.

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