

GNRH ANALOGUES IN IUI CYCLES

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IUI cycles combined with ovulation induction have been a simple and effective treatment for infertile couples. However, success rates have been limited by the technique itself, as very little manipulation takes place.

In an attempt to increase success rates different protocols have been implemented. GnRh agonists have been assayed in long protocols, especially in PCO patients, with varying success rates. More recently, attention has focussed in two issues:

- a) GnRH antagonists: the use of GnRH antagonists in FSH stimulated IUI cycles have been investigated recently. The potential benefits might be cycle programming to avoid weekends and preventing premature LH rise to avoid premature luteinization that may have an impact on the endometrium. We shall review the evidence on this issue.
- b) GnRH agonist to supplement luteal phase: it was claimed that a single bolus of GnRH agonist administered during the midluteal phase had a positive impact on ART cycle outcome. Further randomized trials did not confirm this assertion. We will present data to further clarify this issue.