

## **CURRENT TRENDS IN POOR RESPONDER MANAGEMENT**

**R.Fanchin**

*Division of Reproductive Medicine, Hospital Antoine Bécclère, University Paris-Sud 11, Clamart, France*

The clinical management of patients presenting an insufficient ovarian responsiveness to FSH depends on the adequate understanding of factors underlying the lack of response. Therefore, the number and reproductive competence of ovarian follicles as well as the status of their FSH receptors should be investigated. Also, new tools for the appraisal of ovarian responsiveness to FSH as the follicle maturation rate (number of preovulatory follicles x 100/number of small antral follicles) should be considered.

Some perspectives for acting on the ovarian follicles upstream of controlled ovarian hyperstimulation (COH) ought to be discussed. Hence, possible improvements in the number of follicles entering the basal growth phase by artificially increasing intra-ovarian androgen production as well as other approaches that may reduce size discrepancies of antral follicles before COH without curtailing endogenous gonadotropin production during FSH treatment are some points that will be addressed during the presentation.