



Current Trends and Controversies in Reproductive Medicine

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Message from the Guest Editors

Assisted reproductive techniques (ARTs) result in a live birth in approximately one-third of the treatment cycles, with outcomes stable over the past few years. This Issue will cover the topics of promising, emerging modalities within the field of ART and address some controversies regarding the management and care of infertile patients.

Topics theme will include:

- Fertility in patients with disorders of sexual development (DSD) controversies and recent developments;
- Fertility preservation for social and cancer related reasons—current state of affairs;
- Protocols for ovarian stimulation and endometrial preparation for ART;
- Uterine factors and ART outcomes (adenomyosis, uterine fibroids, polyps, myometrial contractions);
- Role of add-ons in ART (time lapse imaging, non-invasive embryo testing, embryo glue, etc.);
- Genetics of endometrial receptivity;
- Natural killer cells and the endometrium;
- Uterine and vaginal microbiome and ART outcomes;
- Artificial intelligence in the field of ART;
- Uterine transplantation for total uterine infertility;
- Recent advances in managing male infertility.





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