

Update on fertility preservation

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Abstract:

Objective: With more patients surviving cancer, more considering fertility preservation. I will review the advances in fertility preservation for cancer and elective fertility preservation and summarize the techniques, options, success rates and safety.

Design: Review of the literature and our clinical experience

Materials and Methods: Fertility-preserving options for young women and men with cancer will be discussed include hormonal stimulation with cryopreservation of oocytes sperm or embryos, stem cells and laparoscopic oophorectomy with tissue storage and later use in transplantation or in vitro follicle maturation.

Results: The success rates in our institution will be reviewed as well as the rates for elective fertility preservation

Conclusions: Despite improved success rates, barriers to fertility preservation exist despite reassurance of safety.