

Fertility Preservation

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Received: March 28, 2023; **Published:** April 27, 2023

Oocyte cryopreservation

What is oocyte?

Oocyte is a female germ cell which is involved in reproduction. This oocyte fuse with sperm cell to form an embryo.

What is oocyte cryopreservation?

Oocyte cryopreservation is also known as oocyte or egg freezing for future use. This is also called as fertility preservation.

Why oocyte preservation?

Oocyte freezing helps women in future pregnancy. Especially oocyte freezing recommended for those patients who are diagnosed with cancer and about to undergo with chemotherapy or radiotherapy. Many patients also have their individual choice of not freezing embryos. Also adding to it, if husband is diagnosed with HBsAG+ or Azoospermia. Additionally, family history also matters, early menopause or diagnosed with severe low AMH value at early age which leads to oocyte preservation.

Success rates?

The survival rate of oocytes after vitrification and thawing is 90% - 97%, the fertilization rate is 71% - 79% and the implantation rate is 17% - 41%. The clinical pregnancy rate per vitrified and thawed oocyte is 4.5% - 12%.

Volume 12 Issue 5 May 2023

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