

Figure 1: Cryopreservation and transplantation of ovarian tissues

Advantages

Immediate harvesting (can start treatment without delay)

No male partner/gamete donor needed

Allow for complete gonadotoxic and or ionizing radiation treatment without exposure

Resume endocrine function

Resume and preserve reproductive function

Suitable for prepubertal girls

Disadvantages

Requires surgical procedures for tissue harvesting and transfer

Possibility of reintroducing malignant cells

Low success rate