

To practice Ovarian tissue cryo / Transplantation procedure we should first present:

Efficacy

- > Patients characteristics
- > Tissue Preparation
- Operative technique
- Monitoring
- > Infertility treatment

Safety

- Diagnosis
- Pre-harvesting status
- > Tissue evaluation
- Different modalities
- > Patient monitoring

Advantage: One stop shop

Factors affecting procedure success

Tissue at harvesting

Ovarian reserve

Age - <40

Pre-cryo Chemo - >40%

> Graft dimensions

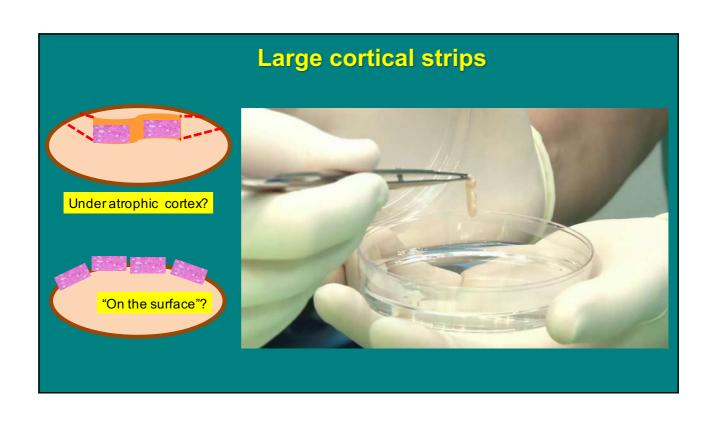
Prefer large

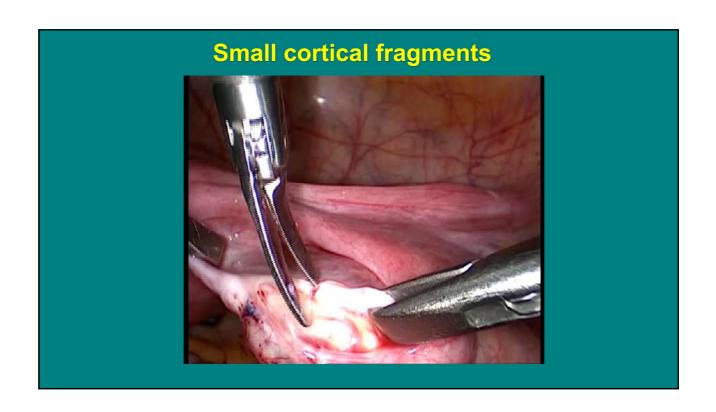
small - "Burn-out"

> Slow Freezing

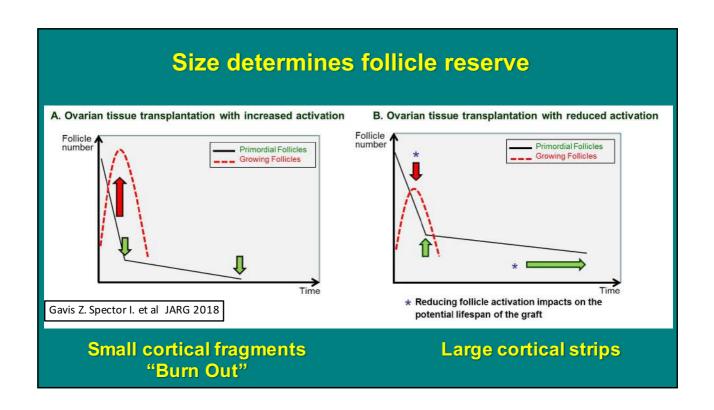












Transplantation: Points of importance:

- > Short warm period
- Number of strips
- Ovaries 1st option
- > Tunnel, pocket



In Vitro Fertilization



- Natural Modified Cycle
- Conventional stimulation



According with endocrine function and sonography

Transplantation ovarian tissue results - Sheba

Women age<35	<35 Transplanted	Endocrine function	Women who conceived (At least once)
cryopreserved	21+1 (recently)	21 (100%)	10 (47.6 %)

Age < 35				
Total No of pregnancies	Total deliveries	Total abortions	IVF pregnancies	Spontaneous pregnancies
18+1 ongoing	12	6	11	7+1 ongoing

Transplantation results of suspected low reserve - Sheba

Age effect

Age > 35 (37-39)					
Women Transplanted	Total pregnancies	Total deliveries	Total abortions	IVF pregnancies	Spontaneous pregnancies
5	1	1	0	1	0

Chemotherapy prior to tissue harvesting

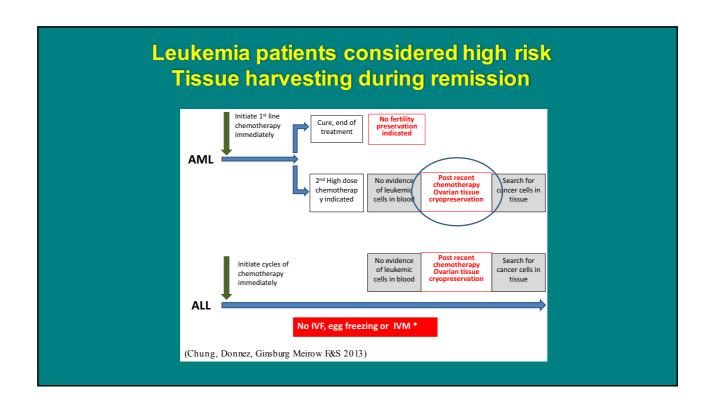
Women with pre harvesting chemotherapy	Women who conceived (At least once)	Total deliveries	Total abortions	IVF pregnancies	Spontaneous pregnancies
13	7 (54 %)	10	5	8	7+1 ongoing

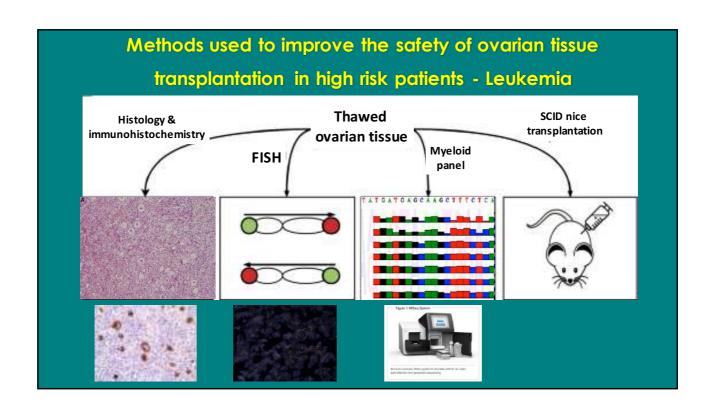
The power of ovarian tissue cryopreservation /Transplantation technology

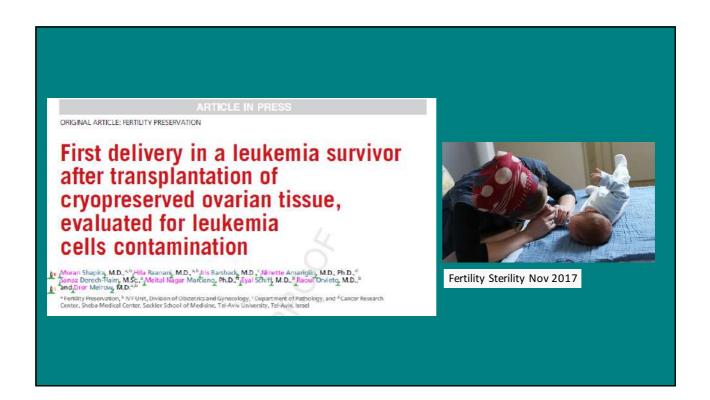
- > Prolong Endocrine function
- > Effective infertility treatments
- Prolong fertility
- > Repeated pregnancies

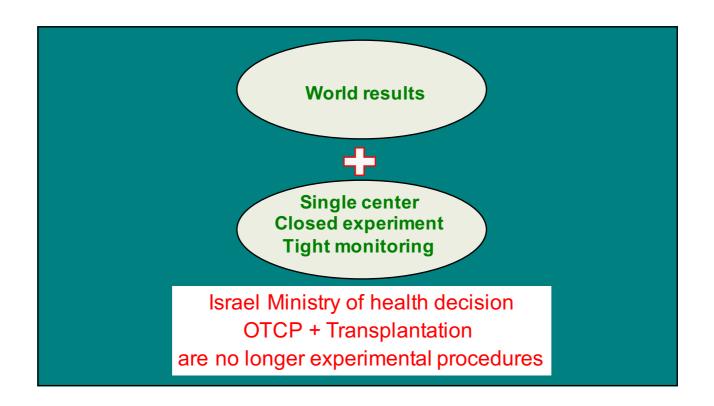


Safety consideration s









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