

Rigshospitalet
mikkel.rosendahl@regionh.dk

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UNIVERSITY OF COPENHAGEN

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Transplantation of frozen/thawed ovarian cortex – Copenhagen, DENMARK

Mikkel Rosendahl, MD, PhD

Kirsten Tryde Macklon, Anette Tønnes Pedersen and Claus Yding Andersen

Titel/beskrivelse (Sidehovedfod) Rigshospitalet, University of Copenhagen 1

Transplantation of frozen/thawed activity to Danish patients

Total number of transplantations: 98

Year	Cryopreservations	Transplantations
1999	2	0
2000	15	0
2001	18	0
2002	25	0
2003	22	0
2004	30	0
2005	40	0
2006	55	5
2007	50	5
2008	65	5
2009	60	5
2010	70	5
2011	68	5
2012	65	5
2013	65	5
2014	70	5
2015	100	15
2016	105	15

18-20 cryopreservations per million inhabitants per year

Cryopreservation and Autotransplantation of Ovarian Tissue

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Cryopreservation of ovarian tissue



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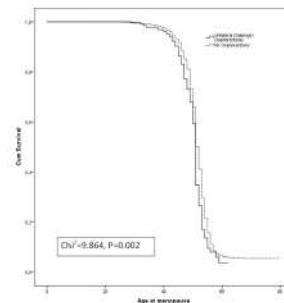
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Unilateral oophorectomy or ovarian biopsies?

- Avoid coagulation on the ovary
- Allows multiple transplantations
- Menopause premature by 1.8 years

Rosendahl et al; Climacteric 2017



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Video - case

- Breast cancer
- BRCA-1
 - 20-40% risk of ovarian cancer
- Prior USO
- ONLY transplantation to the ovary
- USO after childbearing

Transplantation technique

- ISCHEMIA IS THE ENEMY
- We wait for the tissue – the tissue does not wait for us!
- Combined laparoscopy – mini laparotomy (Gridiron/McBurney)

