



# HANDS-ON WORKSHOP

## Ovarian tissue cryopreservation and transplantation

Prof. Marie-Madeleine Dolmans  
Prof. Jacques Donnez  
Prof. Claus Yding Andersen  
Prof. Jean-Luc Squifflet  
Dr. Pascale Jadoul  
Dr. Francisco Vitale  
Dr. Lara Houeis  
Mrs. Edith Rubin  
Mrs. Candice Kluyskens

**July 5<sup>th</sup> - 6<sup>th</sup>, 2024**  
**Brussels**

**Info:**

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**Organized by the Gynecology Research Unit of the UCL**

**Location:**

Cliniques Universitaires Saint Luc  
Université Catholique de Louvain  
Avenue Hippocrate 10, Salle Kestens (-1, Route 340)  
1200 Brussels, Belgium  
**Metro stop: ALMA (Line 1)**

**Workshop fees:**

1300 € (including material, lunches and coffee)

### Program – Friday, July 5th 2024

9.00- 11.00: Session 1 – Theoretical aspects

- Welcome – Prof. Dolmans
- Indications for ovarian tissue cryopreservation in adult women – Prof. Dolmans
- Fertility preservation in girls during childhood: is it feasible, efficient and safe, and to whom should it be proposed? – Dr. Jadoul
- Ovarian tissue freezing and thawing: cryobiology and practical aspects – Prof. Andersen

11.00- 11.30: Coffee break

11.30- 13.00: Session 2 – Cryobanking

- Tour of the clean room and cryobank in the Clinics
- European directives for tissue handling and banking – Mrs. Rubin

13.00 - 14.00: Lunch

14.00 - 17.00: Session 3 – Practice

**Lab side:**

14.00- 17.00 Hands-on: ovarian tissue handling, freezing and thawing – Prof. Dolmans, Prof. Andersen, Dr. Vitale, Dr. Houeis, Mrs. Kluyskens

**Surgery side:**

14.00- 17.00 Hands-on: ovarian tissue biopsy by laparoscopy on pelvitrainer – Prof. Dolmans, Prof. Squifflet, Prof. Donnez, Dr. Jadoul

### Program – Saturday, July 6th 2024

8.30- 10.00: Session 3 - Preparation to transplantation

- Xenografting of ovarian tissue to validate freezing protocol and safety assessment – Prof. Dolmans
- Techniques of ovarian tissue transplantation in humans – Prof. Donnez
- Results of ovarian tissue transplantation and future challenges – Prof. Dolmans

10. 00- 10.30: Coffee break

10.30- 13.00: Session 4 – Practice

Hands-on: exercise of laparoscopic ovarian tissue transplantation on pelvitrainer – Prof. Dolmans, Prof. Squifflet, Prof. Donnez, Dr. Jadoul.

13.00- 14.00: Goodbye lunch

