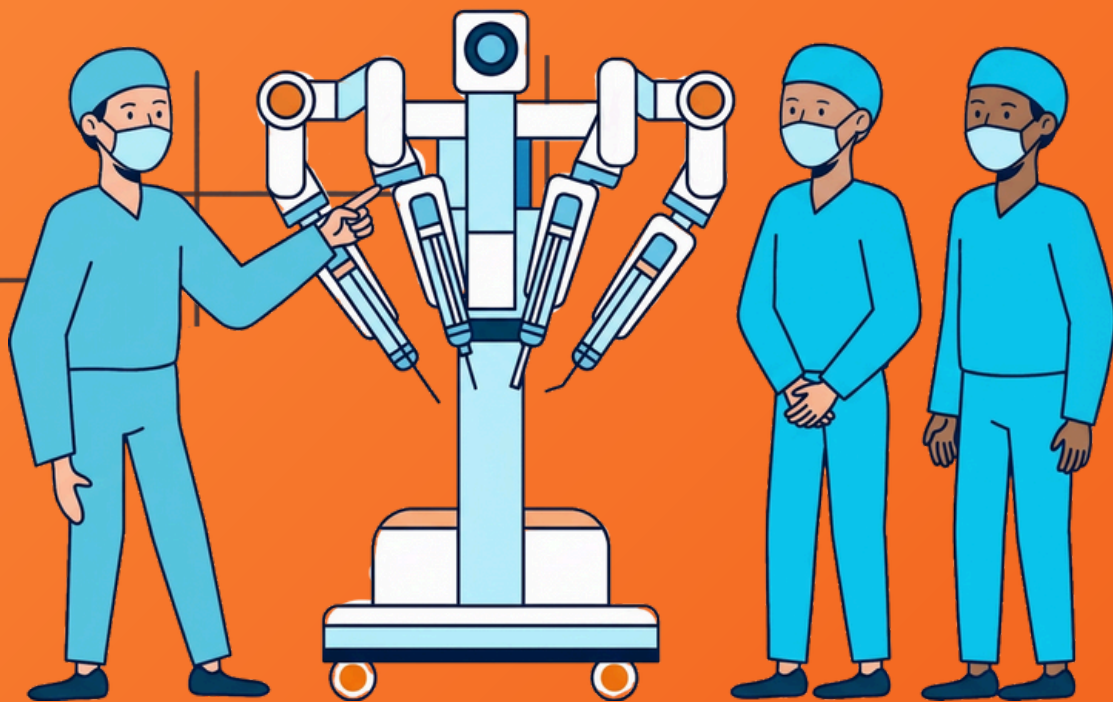




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# LAPAROSCOPIC AND BASIC ROBOTIC TECHNIQUES IN METABOLIC AND BARIATRIC SURGERY

*Advanced Course*



# Advanced Laparoscopic and Basic Robotic Techniques in Metabolic and Bariatric Surgery



 2-day course

 18 seats per session

## Who is this course for?

This course is designed for bariatric and general surgeons who want to advance their laparoscopic and robotic skills while deepening their understanding of metabolic procedures.

## What will I learn?

This intensive hands-on course at Orsi Academy offers a unique opportunity to master the step-by-step laparoscopic approach to sleeve gastrectomy, one-anastomosis gastric bypass, and Roux-en-Y gastric bypass, while gaining practical experience in robotic-assisted surgery under expert guidance.

## Who will I learn from?



### Prof. Dr. Panagiotis Lainas

Head of Department of Metabolic and Bariatric Surgery, Metropolitan Hospital, Athens, Greece

Associate Professor of Bariatric Surgery, European University of Cyprus, Nicosia, Cyprus



### Dr. Sonja Chiappetta

Head Department for General Surgery, Center of Excellence Bariatric and Metabolic Surgery, Ospedale Evangelico Betania, Naples, Italy



### Dr. Beniamino Pascotto

General and Digestive Surgeon and Head of General Surgery Department, Centre Hospitalier de Luxembourg



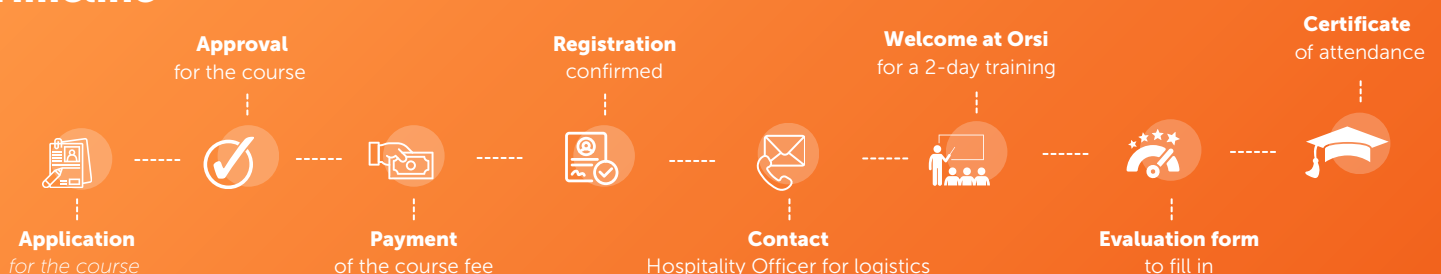
### Dr. Miljana Vladimirov

Head of Department of Metabolic Bariatric Surgery, Consultant Visceral Surgeon, University of OWL - Campus Lippe, Germany



**SCAN FOR  
DATES & DETAILS!**

## Timeline



## DAY 1

### **08:30 Arrival at Orsi Academy**

### **08:45 Introduction to the course - Prof. Dr. Lainas**

### **09:00 Theoretical session: Objectives within Lap Sleeve Gastrectomy, One Anastomosis Gastric Bypass & Roux-en-Y Gastric bypass**

- Patient installation and port placement - Prof. Lainas, Dr. Chiappetta
- Exposure and landmarks - Dr. Chiappetta
- Overview of the procedures steps - Dr. Pascotto, Dr. Vladimirov
- Learning curve - Dr. Vladimirov
- Pitfalls within the sleeve gastrectomy, OAGB and Roux-en-Y bypass - Dr. Pascotto
- Pig anatomy overview - Prof. Lainas

### **10:30 Coffee break and change into scrubs**

### **10:45 Hands-on training on live animal tissue**

- Step by step sleeve gastrectomy
- Port placement
- Exposure and landmarks
- Dissection and mobilization of the greater curvature
- Stomach preparation for division
- Gastric stapling
- Leakage test

### **13:00 Lunch at Orsi restaurant**

### **13:45 Hands-on training on live animal tissue**

- Step by step Roux-en-Y gastric bypass/one-anastomosis Gastric bypass
- Creation of the gastric pouch
  - Size estimation
  - Laparoscopic stapling
  - Opening pouch
- Gastrojejunostomy
  - Jejunum loop (estimation and mobilization)
  - Gastrojejunostomy creation
  - Closure of small enterotomy
- Jejunojejunostomy
  - Identification of separation of jejunum
  - Side to side jejunostomy by stapler
  - Closure of small enterotomy
- Leak test by methylene blue

### **17:00 Discussion and wrap-up of day 1**

### **19:00 Faculty dinner**

## DAY 2

### **08:30 Arrival at Orsi Academy**

### **08:45 Theoretical session: Introduction of robotic surgery in Bariatrics**

- "Why Robotics? Evolution and Rationale in Metabolic Bariatric Surgery" - Prof. Lainas
- Understanding the Robotic Platform: Ergonomics, Instruments, and Setup - Dr. Vladimirov
- Step-by-Step Approach to Robotic Sleeve Gastrectomy and Gastric Bypass - Dr. Pascotto
- Building Competence in Robotic Metabolic Bariatric Surgery: Training Pathways and Next Steps - Dr. Chiappetta

### **09:45 Coffee break and change into scrubs**

### **09:55 Basic device training**

- Overview of da Vinci Xi platform
- Different components
- Port placement
- Docking process
- Instrument insertion

### **11:15 Break out sessions with simulation exercises and hands-on tasks - Participants rotate between stations every 30 minutes**

#### Break out session 1

**Console 1: Surgical platform with pelvic trainer and isolated stomach**

- Basic suturing on stomach

#### Break out session 2

**First assistant position: surgical platform with pelvic trainer**

- First Assistant support of console surgeon - role play and communication

#### Break out session 3

**Console 2: SimNow simulator**

- Exercises on:
  - Camera control
  - Using the 4th arm retraction
  - Endowrist manipulation
  - Energy pedal selection
  - Needle driving

### **12:45 Lunch at Orsi restaurant**

## DAY 2

### **13:30 Break out sessions with simulation exercises and hands-on tasks - Participants rotate between stations every 30 minutes**

#### Break out session 1

**Console 1: Surgical platform with pelvic trainer and isolated stomach**

- Simplified Nissen fundoplication – upgrading suturing skills

#### Break out session 2

**First assistant position: surgical platform with pelvic trainer**

- Instrument exchange - Role play and communication

#### Break out session 3

**Console 2: SimNow simulator**

- Exercises on:
  - Camera control
  - Using the 4th arm retraction
  - Endowrist manipulation
  - Energy pedal selection
  - Needle driving

### **15:00 Break out sessions with simulation exercises and hands-on tasks - Participants rotate between stations every 30 minutes**

#### Break out session 1

**Console 1: Surgical platform with pelvic trainer and isolated stomach**

- Use of robotic stapling
- Simplified sleeve

#### Break out session 2

**First assistant position: surgical platform with pelvic trainer**

- Instrument exchange - Role play and communication

#### Break out session 3

**Console 2: SimNow simulator**

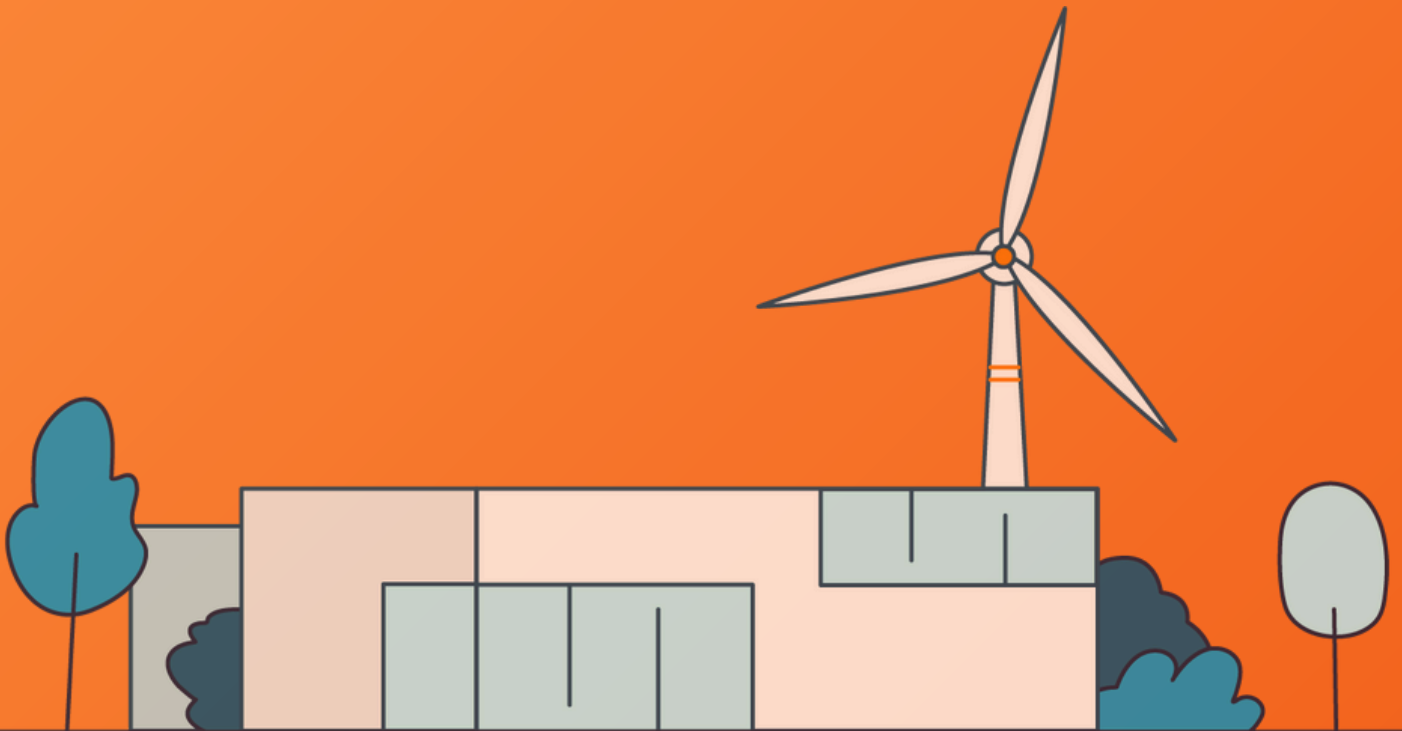
- Exercises on:
  - Camera control
  - Using the 4th arm retraction
  - Endowrist manipulation
  - Energy pedal selection
  - Needle driving

### **16:30 Wrap up of the course**

### **17:00 End of the course**



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