



1ST INTERNATIONAL  
EDITION

Online Course

## LAPAROSCOPIC & ROBOTIC PARTIAL NEPHRECTOMY

Course Director: **Ignacio Castellón Vela MD, PhD**

27<sup>May</sup>  
2019

[www.schooloflaparoscopy.org](http://www.schooloflaparoscopy.org)



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## Online Course

# LAPAROSCOPIC & ROBOTIC PARTIAL NEPHRECTOMY

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## RATIONALE

The incidence of small renal masses keeps increasing significantly. Partial nephrectomy (PN) has become the treatment of choice because oncological outcomes equal those of radical nephrectomy and, by preserving kidney function, it reduces the risk of chronic kidney disease and improves long-term survival.

However, laparoscopic partial nephrectomy is a difficult technique that poses several challenges for the surgeon:

1. To achieve an oncologically safe excision of the tumor with negative margins
2. To reduce ischemia to avoid harming the healthy parenchyma, and
3. To prevent intraoperative and postoperative complications.

Undertaking laparoscopic partial nephrectomy requires expertise in advance laparoscopic surgery and great laparoscopic skills. The wide range of cases covers from small exophytic tumors to large tumors; tumors that penetrate deeply into the renal sinus, and even hilar tumors.

Each case-scenario demands an individual strategy to confront presenting challenges. This difficult technique is associated with a significant learning curve.

This course offers advanced education on laparoscopic, retroperitoneoscopic and robotic partial nephrectomy.

## OBJECTIVES

The course objective is the comprehensive knowledge of the surgical technique of laparoscopic/robotic partial nephrectomy.

The course is designed for urologists with training in laparoscopic surgery who wish to have an in-depth understanding of laparoscopic/robotic partial nephrectomy.

At the end of the course you:

- ✓ Will know the laparoscopic partial nephrectomy technique and how to perform it safely, in an oncologically adequate way in the different case-scenarios renal masses present.
  - ✓ Will know the appropriate instruments required for laparoscopic partial nephrectomy and how to use them properly.
  - ✓ Will know the different renal pedicle clamping and renal suture techniques.
  - ✓ Will know how to use the hemostatic agents.
  - ✓ Will be able to prevent and know how to manage the most frequent difficulties and complications of laparoscopic partial nephrectomy.
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## COURSE DESCRIPTION

**Students: 60 | Duration: 16 weeks**

The basic framework of the course is articulated around a Learning management system Web where content is structured in the form of tutorials, presentations and videos.

During the course, discussion on the contents and other cases will be encouraged through several on line communication channels.

### Tutorials

The tutorials offer theoretical contents combined with a selection of pictures and video-tutorials of the surgeries. The technique is presented step by step.

- ✓ Presentation of the basic elements of laparoscopic partial nephrectomy: Indications, transperitoneal and retroperitoneal access, patient positioning, anesthetic features and instruments.
- ✓ Detailed analysis of partial nephrectomy techniques: Trocar positioning, renal dissection, renal pedicle preparation, tumor identification and exposure, vascular clamping, tumor excision, renorrhaphy and application of hemostatic agents.
- ✓ Surgical complications analysis: How to prevent them and solve them when they appear.

Each student should complete the tutorials individually.

### Video

The video contents fully cover the basic aspects of partial nephrectomy and the wide range of necessary technical tools to confront the variability of case scenarios.

Tutorials combine text, images and **Video-tutorials** that show each feature of the operation, including different scenarios, going deeply into possible variations of each step, including difficulties and how to overcome them avoiding complications.

In addition, **full length operations** performed by the experts are provided in each chapter. Lastly, movies that illustrate various **case-scenarios** are presented. They cover different cases according to tumor size, location, depth and connection with the urinary tract and renal hilum elements.

The final video-length of the course exceeds 25 hours

### Communication between learners and teachers

Throughout the course, communication will be permanent through email and Telegram Messenger.

### App

The School of laparoscopy App gives additional support to the web. All video contents in the course are easily accessible in the App.

### Evaluation

A final test evaluation will be performed at the end of the course.

### Accreditation

Application for CME Accreditation has been processed in the Madrid's Section of the Continuing Medical Education Commission of the Spanish Health System.

## COURSE DIRECTION

**Ignacio Castellón Vela MD, PhD**

H.U. Madrid Torrelodones

H.U. Puerta de Hierro Majadahonda

**REGISTRATION FEE:** 475 €

## SCIENTIFIC DIRECTION

**Escuela Europea de Laparoscopia  
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## FACULTY

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# COURSES CALENDAR 2018-2019

**ROBOTIC AND LAPAROSCOPIC  
RECONSTRUCTIVE SURGERY OF THE  
UUT : PYELOPLASTY AND URETERAL  
REIMPLANTATION 3RD EDITION  
(SPANISH)**

October 1st, 2018

**SECOND COMPREHENSIVE PROGRAM  
OF UUT LAPAROSCOPIC AND ROBOTIC  
SURGERY (3 COURSES OVER 2019)**

February 1st, 2019

**LAPAROSCOPIC NEPHRECTOMY 4TH  
EDITION. (SPANISH)**

February 6th, 2019

**RADICAL CYSTECTOMY 2ND EDITION  
(SPANISH)**

March 4th, 2019

**LAPAROSCOPIC & ROBOTIC PARTIAL  
NEPHRECTOMY 5TH EDITION (SPANISH)**

May 6th, 2019

**LAPAROSCOPIC & ROBOTIC PARTIAL  
NEPHRECTOMY 1ST INTERNATIONAL  
EDITION (ENGLISH)**

May 13th, 2019

**ROBOTIC AND LAPAROSCOPIC  
RECONSTRUCTIVE SURGERY OF THE  
UUT : PYELOPLASTY AND URETERAL  
REIMPLANTATION 4TH EDITION  
(SPANISH)**

October 1st, 2019



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