



17<sup>th</sup> Course  
of the International School  
of Urology and Nephrology

Director of the School  
Carlo Pavone

**9<sup>th</sup> International Course  
on Flexible Ureteroscopy  
and Lower Tract Endourology**

Directors of the Course  
Lorenzo Defidio  
Anup Patel  
Carlo Pavone

Honorary President of the Course  
Michele Pavone-Macaluso

Erice, Sicily, Italy  
November 27<sup>th</sup> - 30<sup>th</sup>, 2016

[www.ccsem.infn.it](http://www.ccsem.infn.it)



## Poetic touch

According to legend, Erice, son of Venus and Neptune, founded a small town on top of a mountain (750 metres above sea level) more than three thousand years ago. The founder of modern history - i.e. the recording of events in a methodic and chronological sequence as they really happened without reference to mythical causes - the great Thucydides (~500 B.C.), writing about events connected with the conquest of Troy (1183 B.C.), said: "After the fall of Troy some Trojans on their escape from the Achaei arrived in Sicily by boat and, as they settled near the border with the Sicanians all together, they were named Elymi: their towns were Segesta and Erice".

This inspired Virgil to describe the arrival of the Trojan royal family in Erice and the burial of Anchise, by his son Enea, on the coast below Erice. Homer (~1000 B.C.), Theocritus (~300 B.C.), Polybius (~200 B.C.), Virgil (~50 B.C.), Horace (~20 B.C.), and others have celebrated this magnificent spot in Sicily in their poems. During seven centuries (XIII-XIX) the town of Erice was under the leadership of a local oligarchy, whose wisdom assured a long period of cultural development and economic prosperity which in turn gave rise to the many churches, monasteries and private palaces which you see today.

In Erice you can admire the Castle of Venus, the Cyclopean Walls (~800 B.C.) and the Gothic Cathedral (~1300 A.D.). Erice is at present a mixture of ancient and medieval architecture. Other masterpieces of ancient civilization are to be found in the neighbourhood: at Motya (Phoenician), Segesta (Elymian) and Selinunte (Greek).

On the Aegadian Islands - theatre of the decisive naval battle of the first Punic War (264- 241 B.C.) - suggestive neolithic and paleolithic vestiges are still visible: the grottoes of Favignana, the carvings and murals of Levanzo.

Splendid beaches are to be found at San Vito Lo Capo, Scopello and Cornino, and a wild and rocky coast around Monte Cofano: all at less than one hour's drive from Erice.



### **EMFSC PRESIDENT AND DIRECTOR OF THE CENTRE**

Antonino Zichichi

### **DIRECTOR OF THE SCHOOL**

Carlo Pavone

### **HONORARY PRESIDENT OF THE COURSE**

Michele Pavone - Macaluso

### **DIRECTORS OF THE COURSE**

Lorenzo Defidio

Anup Patel

Carlo Pavone

### **SCIENTIFIC SECRETARIAT**

Lorenzo Defidio

Anup Patel

Carlo Pavone

### **The Course will be held under the auspices of**

Italian Urological Association (AURO.it)

Italian Endourology Association (IEA)

Italian Society of Urology (SIU)

Italian Society of Uro-Oncology (SIUrO)

Italian Polispecialistic Society of Young Surgeons (SPIGC)

Siculo-Calabra Society of Urology (SSCU)

Urologists of Private Hospitals (UrOP)

University of Palermo - Department of Surgical,

Oncological and Stomatological Sciences - DICHIRONS

Italian Ministry of Health

Italian Ministry for Instruction, University and Research

Sicilian Regional Government

World Federation of Scientists



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## Lecturers and Chairpersons

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**Peter Alken**

Dept. of Urology, University Medical School, Mannheim, Germany

**Gopal H. Badlani**

Urogynecology Regenerative Medicine Program, Winston-Salem, NC, USA

**Maurizio Brausi**

Dept. of Urology AUSL Modena-Carpi, Modena, Italy

**Giuseppe Carrieri**

Dept. of Urology, Ospedali Riuniti, University Medical School, Foggia, Italy

**Christian G. Chaussy**

Professor of Urology, University of Munich, Germany

**Mauro De Dominicis**

Dept. of Urology, "Cristo Re" Hospital, Roma, Italy

**Lorenzo Defidio**

Dept. of Urology, "Cristo Re" Hospital, Roma, Italy

**Gerhard J. Fuchs**

USC Institute of Urology, KECK Medicine, Los Angeles, CA, USA

**Georgios Gakis**

Dept. of Urology, University Medical School, Tuebingen, Germany

**Andreas J. Gross**

Dept. of Urology, "Asklepios Hospital Barmbek", Hamburg, Germany

**Rosario Leonardi**

Dept. of Urology and Andrology Surgery, "Musumeci" GECAS Clinic, Gravina (Ct), Italy

**Xie Li-Ping**

Dept. of Urology, First Affiliated Hospital, University School of Medicine, Zhejiang, P.R. China

**Bernard Malavaud**

Dept. of Urology, University Cancer Institute, Toulouse, France

**Wiking Månsson**

Dept. of Urology, Skåne University Hospital, Malmö, Sweden



**Agostino Meneghini**

Dept. of Urology, ULSS 4 “Alto Vicentino”, “Unico” Hospital,  
Santorso (Vi), Italy

**Vincent Misrai**

Dept. of Urology, Clinique Pasteur, Toulouse, France

**Richard L. J. Naspro**

Dept. of Urology, “Papa Giovanni XXIII” Hospital, Bergamo, Italy

**Vito Pansadoro**

Fondazione Pansadoro, Dept. of Urology, Clinica Pio XI, Roma, Italy

**Anup Patel**

Dept. of Urology, “Royal London” Hospital, London, UK

**Carlo Pavone**

Urology Unit, Dept. of Surgical, Oncological and Stomatological  
Sciences, University Medical School, Palermo, Italy

**Alberto Saita**

Dept. of Endourology, Clinical Institute “Humanitas”, Milano, Italy

**Roberto M. Scarpa**

Dept. of Urology, University of Torino at “S. Luigi Gonzaga” Hospital,  
Orbassano, Italy

**Alchiede Simonato**

Urology Unit, Dept. of Surgical, Oncological and Stomatological  
Sciences, University Medical School, Palermo, Italy

**Ivano Vavassori**

Dept. of Urology, “Treviglio-Caravaggio” Hospital, Treviglio (Bg), Italy

**Marco Vella**

Urology Unit, Dept. of Surgical, Oncological and Stomatological  
Sciences, University Medical School, Palermo, Italy

**Zhangqun Ye**

Dept. of Urology, Tongji Hospital, University of Science and Technology,  
Wuhan, P.R. China



## Hands-on trainers

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**Alessandro Calarco (Coordinator)**

Dept. of Urology, "Cristo Re" Hospital, Roma, Italy

**Francesco Berardinelli**

Dept. of Urology, "S. Pio da Pietrelcina" Hospital, Vasto (Ch), Italy

**Mauro De Dominicis**

Dept. of Urology, "Cristo Re" Hospital, Roma, Italy

**Ioannis Kartalas Goumas**

Dept. of Endourology, Vimercate Hospital, Monza, Italy

**Salvatore Marco Recupero**

Dept. of Urology, Catholic University of the Sacred Heart,  
Roma, Italy

**Luca Villa**

Dept. of Urology, "San Raffaele" Hospital, Milano, Italy

## General outline of the Programme

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- Medical therapy of BPH
- Endoscopic enucleation of the prostate
- Endoscopic diagnosis of bladder tumours
- Update in ESWL
- Retrograde surgery for stones, strictures and upper tract tumours
- Advance in Percutaneous Stone removal.

**Accreditation by the Italian Ministry of Health**

14 credits ECM (Educazione Continua in Medicina) will be granted.  
(Provider: Centro Formazione Sanitaria Sicilia ID 702 – ECM ID 167457)



## Purpose of the Course

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To provide an understanding of key issues pertaining to the state of the art practice of Endourology over two days, and to foster an environment for discussion and debate around these in close proximity with an international faculty of experts.

The Course is structured to cover Lower and Upper Tract Endourology.

Some sessions are Video based with interactive discussion on indications, technical details, and outcomes where appropriate, with the international experts guided and provoked by seasoned and world renowned thought leaders.

The Hands-On sessions with the Trainers will guide participants to practice and familiarize themselves with the most common endoscopic techniques and be cognizant with instruments and accessory selection and their optimal use.

The specific training session will be addressed to different surgical topics with the participation of experts of the targeted branch. The selected format is the result of the experience acquired during Hands on sessions scheduled by different outstanding national meetings where most up-to-date principles are applied, in which teachers are acting "on first line".

Each session will last roughly 45 minutes and each couple of learner will have at his disposal the latest training's technology following the module "one to two": one tutor and two trainees. There will also be the possibility of approaching the latest endoscopic technologies, learning the basic steps or – for those who have already reached an intermediate professional level – to sharpen his knowledge of further "tricks of the trade".

Skilled exercises will be performed by the participants and the winner will be awarded by the Honorary President of the Course Michele Pavone-Macaluso.



## Participants

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### **AMERICA**

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#### **ARGENTINA**

Barusso Gabriel H., Buenos Aires

Barusso Luis M., Buenos Aires

### **ASIA**

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#### **REPUBLIC OF CHINA**

Ian Lap Hong, Macao

Li Chuangcuai, Wuhan

Li Kin, Macao

Luxia Shu, Hubei

Min Cai, Hubei

Sam Libra, Macao

Su Yuanhua, Wuhan

Tang Peter, Macao

Wei He, Hubei

Weimin Yang, Hubei

Yadan Liu, Wuhan

Zhong Chen, Hubei

Zhou Jun, Wuhan

#### **OMAN**

Arun Babu Panackal, Muscat

### **EUROPE**

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#### **GREECE**

Boulalas Ioannis, Athens

#### **ITALY**

Caldarera Emanuele, Palermo

Camilleri Giuseppe Raimondo, Agrigento

Castellino Marta, Palermo

Curto Gaetano, Palermo

Dachille Giuseppe, Bari

D'Arrigo Letterio, Catania

De Stefano Giacomo, Afragola





Faraone Nicola, Torino  
Franco Marco, Napoli  
Gali Alessandro, Messina  
Gattuso Agostino, Cosenza  
Gedeshi Xhoa, Verona  
Motta Luigi, Verona  
Napolitano Caterina, Palermo  
Olivero Alberto, Genova  
Orestano Luigi, Palermo  
Pavone Alice, Palermo  
Puglisi Tiziana, Messina  
Romagnoli Daniele, Bologna  
Rotondo Salvatore, Messina  
Russo Nicola, Roma  
Santini Edoardo, Roma  
Soggia Paolo, Alghero  
Spatafora Pietro, Firenze  
Tarantino Lucia, Palermo  
Tonelli Victor Hugo, Lecce

**UROLOGY UNIT - UNIVERSITY MEDICAL SCHOOL  
POLICLINIC "PAOLO GIACCONE", PALERMO**

Abrate Alberto  
Alonge Vincenza  
Angileri Alessandro  
Billeci Sandro  
Caruana Giovanni  
D'Amato Francesco  
Dioguardi Salvatore  
Fontana Dario  
Giacalone Ninfa  
Guarneri Alessio  
Guzzardo Calogero  
Messina Valentina  
Scalici Gesolfo Cristina  
Scurria Salvatore





# Programme



## SUNDAY, NOVEMBER 27<sup>TH</sup> 2016

### ARRIVAL DAY

## MONDAY, NOVEMBER 28<sup>TH</sup> 2016

- 08,30 Welcome by the Director of the School, **Carlo Pavone**  
08,40 Welcome by the Regional Delegate  
of the Italian Society of Urology, **Carlo Magno**  
08,45 Opening remarks and introduction to the Course  
by **Lorenzo Delfidio** and **Anup Patel**

### LOWER TRACT

#### Prostate: Drugs in LUTS

Chairmen: **Gopal H. Badlani, Carlo Pavone**

- 08,55/09,15 New options in BPH and supporting data, **Gopal H. Badlani**  
09,15/09,35 ED drugs in LUTS, **Alchiede Simonato, Marco Vella**  
09,35/09,55 Discussion  
09,55/10,25 *Coffee-break*

#### Prostate: Endoscopic Enucleation in large BPH (Video debate). Technical details and pro/cons debate

Chairmen: **Gopal H. Badlani, Anup Patel**

- 10,25/10,40 Monopolar, **Vito Pansadoro**  
10,40/10,55 Bipolar, **Agostino Meneghini**  
10,55/11,10 Thulium, **Andreas J. Gross**  
11,10/11,25 Holmium, **Ivano Vavassori**  
11,25/11,40 Green Light, **Vincent Misrai**  
11,40/11,55 Diode, **Rosario Leonardi**  
11,55/12,25 Discussion

#### LECTURE

- 12,25/12,50 Could we do better for endoscopic enucleation  
of the prostate? **Xie Li-Ping**





13,00

*Lunch*

**Bladder: Update in endoscopic diagnosis and surveillance of NMIBC  
(Video debate)**

Chairmen: **Peter Alken, Wiking Månsson**

- 15,00/15,20 Confocal laser endomicroscopy, **Maurizio Brausi**  
15,20/15,40 Hexaminolevulinate, **Bernard Malavaud**  
15,40/16,00 NBI, **Bernard Malavaud**  
16,00/16,20 Spies, **Richard Naspro**  
16,20/16,40 Water-jet aided en bloc resection of bladder tumours  
**Georgios Gakis**  
16,40/17,00 Discussion  
17,00/17,30 *Coffee-break*

**HANDS-ON**

Trainers: **Alessandro Calarco, Francesco Berardinelli, Mauro De Dominicis,  
Ioannis Kartalas Goumas, Salvatore Marco Recupero, Luca Villa**

- 17,30/18,15 **A Group**  
18,15/19,00 **B Group**





## TUESDAY NOVEMBER 29<sup>TH</sup>

### UPPER TRACT

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#### ESWL

Chairmen: **Giuseppe Carrieri, Christian G. Chaussy**

- 08,30/08,50 Does ESWL damage kidneys or cause diabetes?  
Evidence for and against? **Peter Alken**
- 08,50/09,10 Does ESWL have a realistic future? What's new?  
**Christian G. Chaussy**
- 09,10/09,30 Stone and patient factors: how to measure accurately  
and how they influence strategy, **Gerhard J. Fuchs**
- 09,30/10,00 Discussion
- 10,00/10,30 *Coffee-break*

#### RIRS

Chairmen: **Gerhard J. Fuchs, Anup Patel**

- 10,30/10,50 Safe access and safe treatment of stones in the ureter  
and kidney (Videos), **Gerhard J. Fuchs**
- 10,50/11,10 Access sheaths : are they dangerous? **Mauro De Dominicis**
- 11,10/11,30 Endourological treatment of strictures (ureter, UPJ, intrarenal)  
**Gerhard J. Fuchs**
- 11,30/11,50 RIRS in diagnosis, treatment and surveillance in upper tract  
urothelial cancers, **Lorenzo Defidio**
- 11,50/12,10 Future? Robotic for large branched stones? State of art  
**Anup Patel**
- 12,10/12,30 RIRS: Take Home Messages, **Lorenzo Defidio**
- 12,30/13,00 Discussion
- 13,00 *Lunch*



## PCNL

Chairmen: **Peter Alken, Lorenzo Defidio**

- 15,00/15,20 Indications, options and outcomes of reduced tract size PCNL  
**Zhangqun Ye**
- 15,20/15,40 PCNL variations: position and size of access. When and why  
**Alberto Saita**
- 15,40/16,00 When combined PCNL (ECIRS) is useful? **Roberto M. Scarpa**
- 16,00/16,20 Stone density and stone volume: how these parameters  
influence strategy, **Anup Patel**
- 16,20/16,40 How to make a perfect puncture and a stone free procedure.  
I-Guide Experience, **Anup Patel**
- 16,40/17,00 Discussion
- 17,00/17,30 *Coffee-break*

## HANDS-ON

Trainers: **Alessandro Calarco, Francesco Berardinelli, Mauro De Dominicis,  
Ioannis Kartalas Goumas, Salvatore Marco Recupero, Luca Villa**

- 17,30/18,15 **C Group**
- 18,15/19,00 **D Group**
- 19,00/19,15 **ENDO-OLYMPICS AWARD**  
Handed by the Honorary President of the Course  
**Michele Pavone-Macaluso**
- 19,15/19,40 **ECM TEST**
- 19,40/20,00 **TAKE HOME MESSAGE AND CONCLUSION OF THE COURSE**  
**Carlo Pavone**

**WEDNESDAY NOVEMBER 30<sup>TH</sup> - DEPARTURE DAY**



## SOCIAL PROGRAMME

- Sunday, November 27<sup>th</sup>**  
20,00 Welcome dinner at "Venus Restaurant"  
and after dinner, get together at the "Marsala Cellar"  
in San Rocco Institute
- Tuesday, November 29<sup>th</sup>**  
20,00 Farewell dinner at "Caffè San Rocco Restaurant"





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## International School of Urology and Nephrology

### **DIRECTOR OF THE SCHOOL**

**Carlo Pavone**

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Gu Fang-Liu, M. Pavone-Macaluso



M.C. Pavone, L. Defidio



Y.Su, Z. Ye, M. Pavone-Macaluso, C.Li, W.Yang



Z. Chen, M. Pavone-Macaluso



Mrs Devine, C. Devine, C. Sternberg, V. Pansadoro



S. La Cavera, V. Mansson, V. Serretta



M. Brausi



M. Tripi, Z. Ye, M. Pavone-Macaluso, E. Caldarera



C. Pavone



E. Pannunzio, M. Brausi, M. Soloway, G. La Pera, L. Defidio, A. D'Addressi, C. Pavone, F. Sabella, M. Grattarola



### ACKNOWLEDGEMENTS

The International School of Urology and Nephrology  
wishes to thank for their cooperation and generous support

