




MMISU 2019

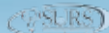
First Annual Conference of Mediterranean Minimally Invasive Surgery in Urology

Urology Department, Alexandria University

In Collaboration With EAU Section of Uro-Technology 


EAU Section of Urolithiasis 

Society of Urologic Robotic Surgeons



International Continence Society 

Endourological Society 

European Association of Urology Nurses 





MMISU 2019

First Annual Conference of Mediterranean
Minimally Invasive Surgery in Urology
Urology Department, Alexandria University



18 - 20 BIBLIOTHECA
APRIL ALEXANDRINA



Minister of Health and Population

Prof. Hala Zayed

Under Patronage of

Minister of Tourism

Prof. Rania A. Al-Mashat

Honorary Chairman

Prof. Evangelos Liatsikos

Conference Chairman

Prof. Ashraf Koraitem

Conference General Secretary

Prof. Aly M. Abdel-Karim

First Annual Conference of Mediterranean Minimally Invasive Surgery in Urology

18 - 20 APRIL
Bibliotheca Alexandrina
Alexandria, Egypt

Dear Colleagues and friends,

On behalf of the organizing committee, we have the pleasure to announce the first annual meeting of Mediterranean Minimally Invasive Surgery in Urology (MMISU 2019). The meeting will be held in the convention center of the iconic Bibliotheca Alexandrina, a prestigious and historical place that is located in the heart of the magnificent Alexandria during the period from 18-20 April, 2019.

As minimally invasive surgery is currently taking the lead in urology, we will bring you the latest innovations and future directions of the minimally invasive surgery in the field of urology. The meeting will include a plenty of well-known experts and top of the niche speakers from all over the world. The scientific agenda will have a big volume of live surgeries that will be done by pioneer surgeons aiming to demonstrate different updated techniques and procedures in the field of minimally invasive surgery in urology. Interesting and well planned courses will enlighten you towards performing your first operation

The meeting will be conducted in collaboration with European Association of Urology (EAU), EAU Section of Uro-Technology (ESUT), EAU Section of Urolithiasis (EULIS), Society of Urologic Robotic Surgeons (SURS), Endourological Society (ES), International Continence Society (ICS) as well as European Association of Urology Nurses (EAUN).

We promise you an outstanding professional experience during MMISU 2019 where you will directly learn from professional tutors in urology, meanwhile you will enjoy the very exciting social program and the beauty of the Mediterranean Sea in Alexandria.

We look forward to welcoming you all during MMISU 2019 in the beautiful city of Alexandria.

INVITED GUEST SPEAKERS



Jihad Kaouk



USA

- . Zegarac-Pollock Professor of Surgery Director, Center for laparoscopic & robotic surgery at Cleveland Clinic.
- . Institute Vice Chair for Surgical Innovations, Glickman Urologic Institute Cleveland, Ohio.
- . Chairman of Society of Urologic Robotic Surgeons (SURS).



Mahesh Desai



India

- . Managing Trustee Muljibhai Patel Urological Hospital Nadiad, Gujarat, India.
- . Past President, Endourological Society. - . Past President, Societe Internationale d'urologie.



Evangelos Liatsikos



Greece

- . Professor of Urology at the University of Patras, Greece.
- . Chairman of EUA section of Uro-Technology (ESUT).



Sherif Mourad



Egypt

- . Prof of Urology Ainshams University
- . General Secretary of ICS



Kemal Sarica



Turkey

- . Professor of Urology at the University of Patras, Greece.
- . Chairman of EUA section of Urolithiasis (ELUIS).



Günter Jantschek



Austria

. Medical University Salzburg , Austria



Anne-Francoise Spinoit



Belgium

. Professor of Pediatric Urology, Ghent University hospital



Ali Sedar Gozen



Germany

. Associate Professor of Urology, Heidelberg University, Germany.



Eric Barret



France

. Professor of Robotic and Minimally Invasive Surgery.
. Institut Montsouris, Paris, France.



Bruno Deval



France

. Professor of Uro-Gynecology.



Andreas Skolarikos



Greece

. Assistant Professor Second Department of Urology University of Athens.



LÜTFİ TUNÇ



Turkey

. Professor of Urology Gazi University, Ankara, Turkey



Bhaskar Somani



England

. Professor of Urology University Hospital Southampton NHS Foundation Trust



Hazem Elmansy



Canada

. Assistant Professor, Urology, Northern Ontario School of Medicine, Canada



Hans Heynemann



Germany

. Former Deputy Hospital Director University Hospital and Polyclinic for Urology with Kidney Transplant Center University Hospital Halle, Germany



Harold Omana



England

. European Association of Urology Nurses Representer

Local Faculty

Abdelaziz Sabry	Alaa Elrefaey	Hazem Mansy	Mostafa Sakr
Abdeltah Arafa	Ali Elshazli	Hesham Badawy	Omar Abdelrazak
Abdelmonem Abuzeid	Ashraf Koraitem	Hosam Hegazy	Omar Elgebaly
Abdelnaser Elgamasy	Ashraf Shahin	Hussein Abdeldaym	Osama Abofarha
Abdelwahab Elkasaby	Atef Galal	Ismail Khalaf	Saad M. Saad
Ahmed Abdelwahab	Ehaab Refaat	Karim Saad	Saif Hamdy
Ahmed Elsaka	Ehab Rifat Tawfik	Magdi Sabae	Salah Elsalmy
Ahmed Elshal	Enmar Habib	Mahmoud Abdelhakim	Salah Gaafer
Ahmed Fahem	Essam Abdelmohsen	Mohamed Abd Elmalek	Samir Orabi
Ahmed Gamal Elden	Essam Marzouk	Mahmoud Shalaby	Sultan Sultan
Ahmed Hafez	Gamal Abdelhameed	Mohamed Abdelsattar	Tamer Abou Youssef
Ahmed Hanno	Gamal Selmy	Mohamed Adel	Tarek Abdelbaky
Ahmed Morsi	Hamdy Ibrahim	Mohamed Hassouna	Waleed Dawood
Ahmed Masbah	Hany Moustafa	Mohamed Shalaby	Wally Mahfouz
Ahmed Moussa	Hassan Aboelenin	Mohamed Youssef	Yasser Nouredin
Ahmed Shokair	Hassan Shaker	Mostafa Elmissry	
Akram Asem	Haytham Badawy	Mohamed Moustafa	

Organizing committee

Prof. Salah Elsalmy (chairman)

Prof. Ali Gozen

Prof. Mohamed Mohie Hashad

Prof. Haytham Badawy

A. Prof. Ahmed Abulfotooh

A. Prof. Tamer Abou Youssif

A. Prof. Ahmed Moussa

Dr. Akram Assem

Dr. Omar Elgebaly

Dr. Wally Mahfouz


Dr. Walid Dawood

Dr. Mohamed Abdelsattar

Dr. Ahmed Mostafa

Dr. Khaled Refaai

Scientific committee



Prof. Salah Gaafar (chairman)

Prof. Evangelos Liatsikos

Prof. Ali Gozen

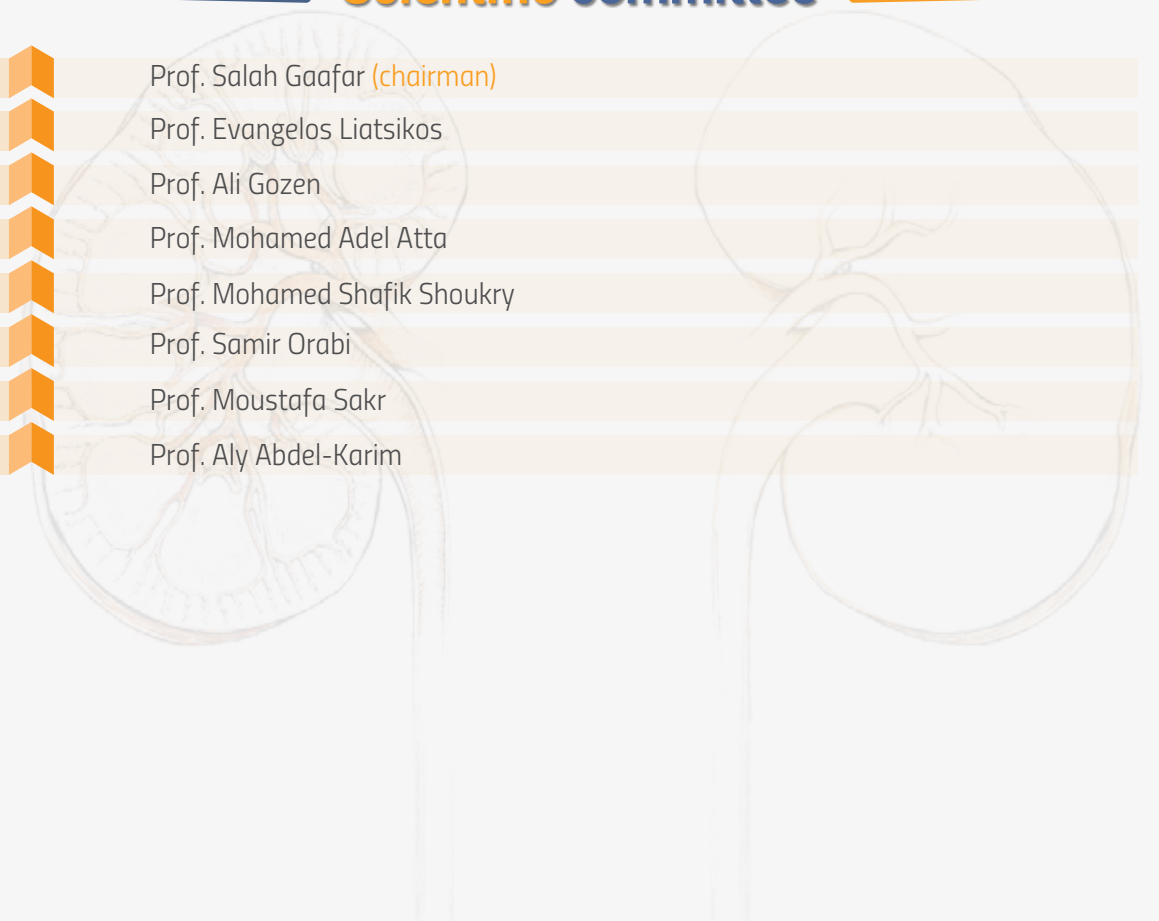
Prof. Mohamed Adel Atta

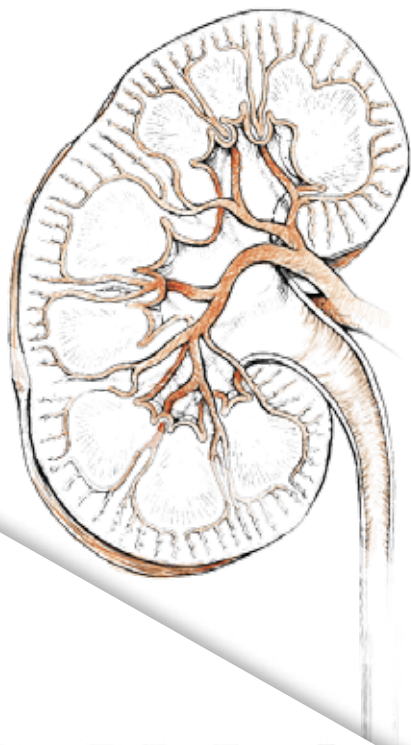
Prof. Mohamed Shafik Shoukry

Prof. Samir Orabi

Prof. Moustafa Sakr

Prof. Aly Abdel-Karim





DAY 1

Thursday April 18

SCIENTIFIC
PROGRAM



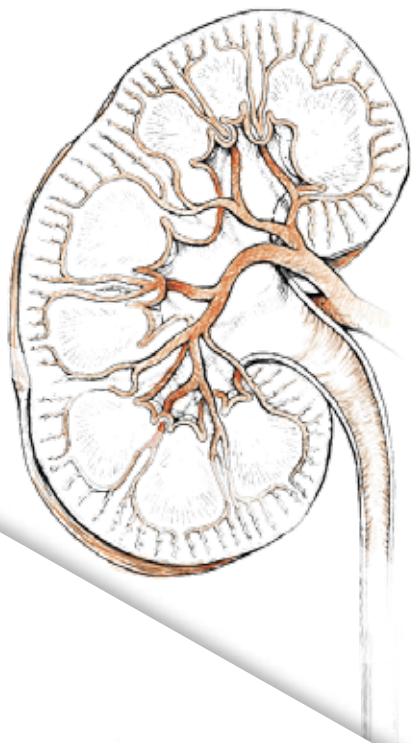
MMISU 2019

14:00 - 15:15	Session I
Moderators:	Saad M. Saad - Mahesh Desai Mohamed Shalaby - Omar Abdelrazak
A Debate:	Miniaturization of PCNL: Does it have real benefit to the patients?
14:00 - 14:15 Yes:	Speaker Mahesh Desai (IN)
14:15 - 14:30 No:	Speaker Bhaskar Somani (GB)
B Debate:	2-cm lower calyceal stone in obese patient: What is the best treatment option?
14:30 - 14:45 PCNL:	Speaker Andreas Skolarikos (Athens University - Greece)
14:45 - 15:00 RIRS:	Speaker Omar Abdelrazak (Cairo University - Egypt)
15:00 - 15:15 Combined:	Speaker Bhaskar Somani (Southampton NHS Foundation Trust - England)
15:15-15:30	Coffee Break

15:30 - 16:45	Session II
Moderators:	Abdelaziz Sabry - Sherif Mourad Bruno Deval - Abdelnaser Elgamasy
A Debate:	What is the optimum technique for recurrent SUI after Tap?
15:30 - 15:45 Periurethral Injection:	Speaker Sherif Mourad (Ain Shams University - Egypt)
15:45 - 16:00 Laparoscopic Burch:	Speaker Bruno Deval (Geoffrey-Saint-Hilaire-Clinic - France)
16:00 - 16:15 Secondary sling:	Speaker Ranee Thakar
B Debate:	In the era of Minimally Invasive surgery, do we still need the vaginal approach for POP?
16:15 - 16:30 Yes:	Speaker Ranee Thakar
16:30 - 16:45 NO:	Speaker Bruno Deval (Geoffrey-Saint-Hilaire Clinic - France)

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16:45 - 18:00	Semi-live video session: (Session III): Optimizing resection of superficial bladder tumors	
Moderators:	Ahmed Hanno Hassan Aboelenin Hany Moustafa	Günter Janetschek Atef Galal
16:45 - 17:05	White light TURBT Mohamed Abdelsattar (EG)	
17:05 - 17:25	Green/Blue light TURBT Andreas Skolarikos (GR)	
17:25 - 17:45	Enbloc TURBT Hassan Shaker (EG)	
17:45 - 18:00	Discussion	
18:00 - 18:30	Opening	



DAY 2

Friday April 19

SCIENTIFIC
PROGRAM



MMISU 2019

08:00 - 09:30	Semi-live video session (Session I): Minimally invasive surgery for technically challenging Cases	
Moderators:	Ahmed Abdelwahab Osama Abofarha Gamal Selmy	Eric Barret Hesham Badawy
08:00 - 08:20	Endoscopic management of stones in abnormal anatomy Mahesh Desai (Urological Hospital Nadiad, Gujarat - India)	
08:20 - 08:40	Lap/Robotic radical nephrectomy in presence of IVC thrombus: Günter Janetschek (Medical University Salzburg - Austria)	
08:40 - 09:00	Transperineal LESS Radical Prostatectomy Jihad Kaouk (Glickman Urologic Institute Cleveland, Ohio - USA)	
09:00 - 09:20	Laparoscopic salvage radical prostatectomy Ali Gozen (Heidelberg University - Germany)	
09:20 - 09:30	Discussion	

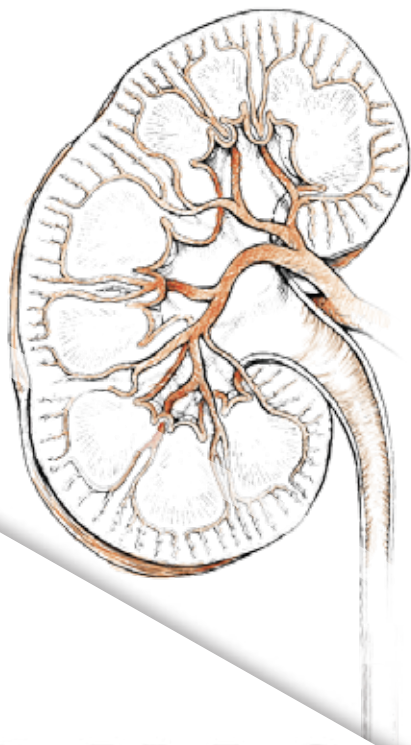
09:30 - 11:30	Live Surgeries (Session II)	
Moderators:	Salah Gaafer Ashraf Shahin Kemal Sarica	Ahmed Morsi Jihad Kaouk
3D Lap. Transperitoneal partial: Surgeon		
Günter Janetschek (Medical University Salzburg - Austria)		
Lap Radical Prostatectomy: Surgeon		
Evangelos Liatsikos (Patras University - Greece)		
Combined retrograde and antegrade renal surgery: Surgeon		
Saif Hamdy (Alexandria University – Egypt) University Andreas Skolarikos (Athens University - Greece)		
Mini/MicroPerc: Surgeon		
Mahesh Desai (Urological Hospital Nadiad, Gujarat - India)		
11:30 -13:00	Prayer and lunch	

13:00 - 15:00	Live Surgeries (Session III)	
Moderators:	Essam Marzouk Sherif Mourad Günter Janetschek	Ali Gozen Magdi Sabae Mohamed Abd Elmalek
Lap Adrenalectomy: Surgeon		
Aly Abdel-Karim (Alexandria University, Egypt)		
Lap Sacrocolpopexy: Surgeon		
Bruno Deval (Geoffrey-Saint-Hilaire-Clinic - France)		
Nonpapillary PCNL: Surgeon		
Evangelos Liatsikos (Patras University - Greece)		
RIRS: Surgeon:		
Andreas Skolarikos (Athens University - Greece)		

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15:00 - 16:00	Session IV:
Moderators:	Mohamed Adel - Hans hayneman Sultan Sultan - Hosam Hegazy
Debate:	Do we still have the debate for the surgical approach of pr. Ca?
15:00 - 15:15 Open:	Speaker Hassan Aboelenin (EG)
15:15 - 15:30 Laparoscopic:	Speaker Evangelos Liatsikos (GR)
15:30 - 15:45 Robotic:	Speaker Jihad Kaouk (US)
15:45 - 16:00	Discussion

16:00 - 18:00	Live Surgeries (Session V)	
Moderators:	Samir Orabi Eric Barret Ahmed Shokair	Lütfi Tunç Ahmed Fahem Mohamed Moustafa
HOLEP Prostatectomy: Surgeon		
Enmar Habib (Cairo University - Egypt)		
Thulium Laser Prostatectomy: Surgeon		
Ahmed Elshal (Mansoura University - Egypt)		
RIRS: Surgeon		
Bhaskar Somani (Southampton NHS Foundation Trust - England)		
Lap Retroperitoneal Partial Nephrectomy:		
Ali Gozen (Heidelberg University - Germany)		



DAY 3

Saturday April 20

SCIENTIFIC
PROGRAM



08:30 - 09:45	Session I
Moderators:	Ashraf Koraitem - Ahmed Gamal Elden Ali Gozen - Hamdy Ibrahim - Gamal Abdelhameed
A Debate:	Less than 4 cm renal mass: do we still have a debate?
08:30 - 08:45 Follow-up:	Speaker Tamer Abou Youssef (Alexandria University - Egypt)
08:45 - 09:00 LPN:	Speaker Mohamed Saad (Alexandria University - Egypt)
09:00 - 09:15 CryoAblation:	Speaker Eric Barret (Institute Montsouris, Paris - France)
B Debate:	Single use flexible ureteroscopy: Can it be the standard?
09:15-09:30 Yes:	Speaker Evangelos Liatsikos (Patras University - Greece)
09:30-09:45 NO:	Speaker Kemal Sarica (Yeditepe University - Turkey)

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09:45 - 11:20	Semi-live video session (Session II): Towards improving the safety and efficacy of surgical treatment of BPH	
Moderators:	Ismail Khalaf Tarek Abdelbaky	Kemal Sarica Ahmed Elsaka
09:45 - 10:05	HOLEP Lütfi Tunç (Gazi University Ankara - Turkey)	
10:05 - 10:25	Thulium Ahmed Elshal (Alexandria University - Egypt)	
10:25 - 10:45	Green Laser Hazem Mansy (Ontario School of Medicine -Canada)	
10:45 - 11:05	Bipolar Akram Asem (Alexandria University - Egypt)	
11:05 - 11:20	Discussion	
11:20-11:40	Coffee Break	

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11:40 - 13:15	Semi-live video session (Session III): Optimizing the results of pyeloplasty in pediatrics	
Moderators:	Abdelftah Arafa Abdelmonem Abuzeid	Jihad Kaouk Abdelwahab Elkasaby
11:40 - 12:00	Open Mohamed Youssef (Alexandria University - Egypt)	
12:00 - 12:20	Lap Haytham Badawy (Alexandria University - Egypt)	
12:40 - 13:00	Robotic Anne-Francoise Spinoit (Ghent University hospital - Belgium)	
13:00 - 13:15	Discussion	
13:15-14:15	Lunch	

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14:15 - 15:30	Semi-live video session (Session IV): Upper third 1.5-2 cm ureteric stone: Do we have options?	
Moderators:	Ehab Rifat Andreas Skolarikos	Kemal Sarica Alaa Elrefaey
14:15 - 14:35	ESWL Mohamed Hassouna (Alexandria University - Egypt)	
14:35 - 14:55	Endoscopic Bhaskar Somani (Southampton NHS Foundation Trust -England)	
14:55 - 15:15	Laparoscopy Ahmed Moussa (Alexandria University - Egypt)	
15:15 - 15:30	Discussion	

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15:30 - 16:50	Semi-live Video Session (Session V): Perfecting the technique of nephron-Sparing surgery for hilar renal tumors	
Moderators:	Salah Elsalmy Ali Elshazli Eric Barret	Evangelos Liatsikos Ashraf Koraitem
15:30 - 15:50	Open Partial Nephrectomy Ahmed Mosbah (Mansoura University - Egypt)	
15:50 - 16:10	Laparoscopic partial Nephrectomy Ali Gozen (Heidelberg University, Germany)	
16:10 - 16:30	Robotic partial Nephrectomy Jihad Kaouk (Glickman Urologic Institute Cleveland, Ohio - USA)	
16:30 - 16:50	Discussion	

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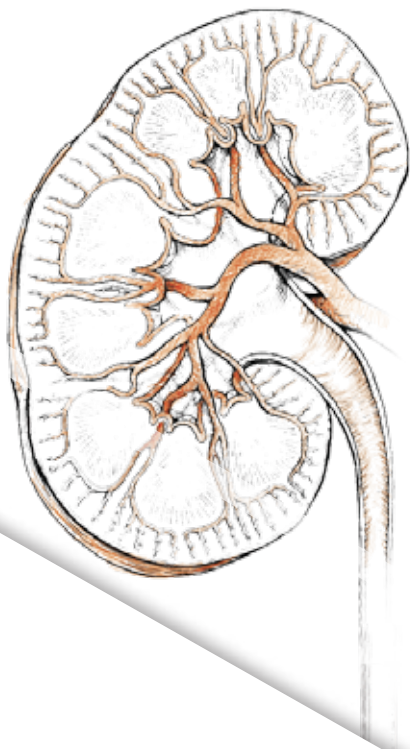
16:50 - 19:00

Podium session (Session VI)

Moderators:

Ashraf Koraitem
Ahmed Shokair

Evangelos Liatsikos
Kemal Sarica



Teaching
Courses



Courses Timetable

Thursday 18th April

08:30 am – 11:00 am	• Laparoscopic Nephrectomy	Bibliotheca Alexandrina
08:30 am – 11:00 am	• PCNL (Hands on)	Bibliotheca Alexandrina
11:30 am – 02:00 pm	• Flexible Ureteroscopy (Hands on)	Bibliotheca Alexandrina
11:30 am – 02:00 pm	• Laser Prostatectomy (Hands on)	Bibliotheca Alexandrina
04:00 pm – 06:30 pm	• Urologic Ultrasound (Hands on)	Bibliotheca Alexandrina
04:00 pm – 06:30 pm	• TURP (Hands on)	Bibliotheca Alexandrina

Saturday 20th April

09:00 am – 01:00 pm	• Minimally Invasive surgery for treatment of female SUI (Cadaveric Course)	Mowasah Hospital
09:00 am – 03:00 pm	• E-BLUS (Hands on)	Bibliotheca Alexandrina
09:00 am – 03:00 pm	• Nurses Educational Course	Bibliotheca Alexandrina

Teaching courses:

Laparoscopic Nephrectomy Course (2.5 hours)

Time: 08:30 am – 11:00 am

Date: Thursday 18th April

Venue: Bibliotheca Alexandrina

Course Director: Ali Gozen

Coordinator: Haytham Badawy - Mahmoud Abdelhakim

PCNL course (2.5 hours)

Time: 08:30 am – 11:00 am

Date: Thursday 18th April

Venue: Bibliotheca Alexandrina

Course Director: Mahesh Desai

Coordinator: Omar Abdelrazak - Karim Saad

Flexible Ureteroscopy (ESTs1) course (2.5 hours)

Time: 11:30 am – 02:00 pm

Date: Thursday 18th April

Venue: Bibliotheca Alexandrina

Course Director: Bhaskar Somani

Coordinator: Ehab Rifat Tawfik - Omar Elgebaly

Laser Prostatectomy course (2.5 hours)

Time: 11:30 am – 02:00 pm

Date: Thursday 18th April

Venue: Bibliotheca Alexandrina

Course Director: Enmar Habib - Lütfi Tunç

Coordinator: Waleed Dawood

Urologic Ultrasound course (3 hours)

Time: 04:00 pm – 06:30 pm

Date: Thursday 18th April

Venue: Bibliotheca Alexandrina

Course Director: Hans Heynemann

Coordinator: Ali Gozen

TURP Course (2.5 hours)

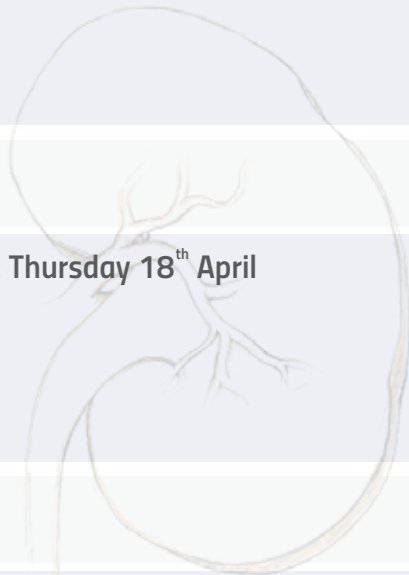
Time: 04:00 pm – 06:30 pm

Date: Thursday 18th April

Venue: Bibliotheca Alexandrina

Course Director: Mostafa Sakr

Coordinator: Hussein Abdeldaym



Minimally invasive surgery for female SUI course (4 hours)

Time: 09:00 am – 01:00 pm

Date: Saturday 20th April

Venue: Mowasah Hospital

Course Director: Sherif Mourad - Bruno Deval - Wally Mahfouz

Coordinator: Mostafa Elmissery - Ahmed Abulfotooh

E-BLUS course and Exam (6 hours)

Time: 09:00 am – 03:00 pm

Date: Saturday 20th April

Venue: Bibliotheca Alexandrina

Course Director: Evangelos Liatsikos

Coordinator: Mahmoud Shalaby - Akram Asem

Nurses Educational course for minimally invasive urology course (6 hours)

Time: 09:00 am – 03:00 pm

Date: Thursday 20th April

Venue: Bibliotheca Alexandrina

Course Director: Aly Abdel-Karim - Harold Omana

Course Coordinator: A. Prof. Ahmed Abulfotooh - Dr. Waleed Dawood

Teaching courses:

Laparoscopic Nephrectomy Course (2.5 hours)

- **Course Director:** Ali Serdar Gozen
- **Course Coordinator:** Haytham Badawy - Mahmoud Abdelhakim
- **Faculty:** Aly M. Abdel-Karim - Haytham Badawy - Tamer Abou Youssef - Mahmoud Abdelhakim
Ahmed Moussa - Akram Assem
- **Program**
 - Introduction:**
(08:30 - 08:45) Laparoscopic kidney anatomy (Ahmed Moussa)
 - How I do it; step by step operative procedure, technical tips and tricks**
(08:45 - 09:00) Transperitoneal ascending (classical) Nephrectomy (Tamer Abou Youssef)
 - (09:00 - 09:15) Transperitoneal descending Nephrectomy (Ali Serdar Gozen)
 - (09:15 - 09:30) Retroperitoneal Nephrectomy (Haytham Badawy)
 - (09:30 - 09:45) Partial Nephrectomy (Ali Serdar Gozen)
 - (09:45 - 10:00) Donor Nephrectomy (Mahmoud Shalaby)
 - (10:00 - 10:15) LESS Radical Nephrectomy: feasibility and limitations (Aly M. Abdel-Karim)
 - (10:15 - 10:30) Complications and intraoperative management (Mahmoud Abdelhakim)
 - (10:30 - 11:00) Discussion

PCNL course (2.5 hours)

➤ **Course Director:** Mahesh Desai

➤ **Course Coordinator:** Omar Abdelrazak - Karim Saad

➤ **Instructors:**

Mahesh Desai - Omar Abdelrazak - Andreas Skolarikos - Essam Abdelmohsen - Omar Elgebal
Karim Saad

➤ **Course Format:**

- Introduction: 45 minutes (PCNL Anatomy, Access, Stone disintegration and Complication: Mahesh Desai
- Hand-on Training: 105 minutes

➤ **Objectives and Course Description:**

PCNL is commonly used for treatment of renal stones. Indications and safety of PCNL based on the increasing expertise of urologic surgeons. Since more centres and urologists are interested in minimal invasive surgery, the number of PCNL cases is increasing. In this context PCNL training programmes have become more important than before and playing an important role in learning PCNL.

The workshop provides an interactive hands-on training of different steps and techniques of PCNL. The attendees will be trained in achieving successful and safe access, dilatation, stone fragmentation, stone extraction and how to avoid the complications.

Hands-on training sessions will be carried out under the guidance of experienced Urologists and local tutors who will actively guide trainees through the different training steps. Hands-on training will be carried out using 4 training modules provided by Boston Scientific Industrial Company which allows getting an access under fluoroscopic guidance.

ESU/ESUT/EULIS Hands-on training course (2.5 hours)

Hands-on training Ureterorenoscopy

➤ **Course Director:** Bhaskar Somani

➤ **Course Coordinator:** Ehab Rifat Tawfik - Omar Elgebaly

➤ **Aims and Objectives:**

The European Section of Uro-Technology (ESUT) and the EAU Section of Urolithiasis (EULIS) offer an intensive hands-on training course with different models focusing on the endoscopic management different upper tract endoluminal diseases (i.a. Urolithiasis).

The delegates will be taken through a sequential program of Ureterorenoscopy using normal endoscopic instruments in different models. The Adjustment of light and camera settings, safety during using of endoscope and flexible uretero-roscope will be demonstrated. Handling of the instruments during Inspection bladder-urethra-pelvis renalis including orientation, identification of anatomical structures will be showed. The use of various access sheet, guide-wires, baskets and intracorporeal lithotripters will be demonstrated. Tips and tricks as well as problem management will be given in a one-to-one training fashion.

The faculty consists of experienced surgeons in the field of Ureterorenoscopy. A theoretical basic presentation demonstrating the different steps and tasks of the procedures will be given before the practical course. Afterwards the delegates will be instructed according to their level of experience in small teams at the models. Finally, all remaining questions can be answered and discussed with all tutors including the demonstration of tips and tricks

➤ **Course Format:**

Introduction by course coordinator (15 minutes)
Hands-on-training at different models (120 minutes)
Questions and answers, tips and tricks (15 minutes)

➤ **Course Trainers:**

B. Somani (GB)
K. Sarica, (TR)
E.Liatsikos (GR)
O. Abdelrazak (EG)
I. Rifaat (EG)
O. Elgebalý (EG)
A. Asem (EG)

Laser Prostatectomy course (2.5 hours)

➤ **Course Director:** : Enmar Habib - Lütfi Tunc

➤ **Course Coordinator:** Waleed Dawood

➤ **Instructors:**

Lutfi Tunc, (TR) - Enmar Habeb (EG) - Ahmed Elshal (EG) - Hazem Mansy (Can) - Waleed Dawood (EG)

➤ **Course Format:**

- . Welcome speech: (5 minutes)
- . Enucleation from open to endoscopic approach (10 minutes)
- . Is HOLEP gold standard technique today? (10 minutes)
- . Operation room setup: Essential equipments for laser enucleation (10 minutes)
- . Tips and tricks of HOLEP (10 minutes)
- . Hands-on training (105 minutes)

➤ **Objectives and course description:**

New technologies have emerged for surgical treatment of BPH aiming for more safety and less complications compared to TURP. HOLEP is currently commonly used technique for surgical treatment of BPH that allows enucleation of the prostate mimicking the traditional open approach but without its significant morbidity to the patients and more safety than TURP. Also HOLEP is of particular importance in certain situation such as patients with bleeding tendency or those who receive anticoagulant therapy. However, HOLEP needs special training and since more centres and urologists are interested in HOLEP, training programmes have become more important than before and playing an important role in learning HOLEP.

The workshop provides an interactive hands-on training of different steps and techniques of HOLEP. The attendees will be trained in achieving successful and safe enucleation of the prostate and how to avoid the complications.

Hands-on training sessions will be carried out under the guidance of experienced Urologists and local tutors who will actively guide trainees through the different training steps. Hands-on training will be carried out using 5 training modules provided by Storz and Lumenis Industrial Companies.

Basic Urologic Abdominal Ultrasonography Hands-on training course (3 hours)

➤ **Course Director:** Hans Heynemann

➤ **Course Coordinator:** Ali Serdar Gozen

➤ **Aims and Objectives:**

Ultrasonography is a minimal invasive and painless diagnostic tool for many diseases in the urology without any risk of radiation . It is a commonly used first step diagnostic imaging modality as it is rapid, effective, portable and relatively inexpensive. Ultrasonography has been currently an important part of urologists armamentarium for diagnostic and image guided therapy purposes. Urologists are performing in the modern era more bladder, renal and scrotal ultrasound than any other specialist

This basic course is designed to provide urologists basic knowledge and basic skills necessary for performing diagnostic urologic ultrasound of abdomen. The course is including an interactive hands on training part under the supervision of the experienced international urologic and radiologic experts.

➤ Course Format:

A-Lectures

- . Introduction of the course by course coordinator (5 minutes) [Hans Heynemann](#)
- . Basics of physics in Ultrasound and imaging (15 mins) [Ahmed Hafez](#)
- . Sonographic Investigation Techniques (15 mins) [Hans Heynemann](#)
- . Sonographic investigation of the abdomen and retroperitoneum (15 mins) [Hans Heynemann](#)
- . Sonography of the Kidneys (15 mins) [Ahmed Hafez](#)
- . Abdominal sonography of the bladder and prostate (15 mins) [Ali Goezen](#)
- . Radiation safety during endourologic procedures (15 mins) [Yasser Nouredin](#)
- . coffee break (15 mins)
- . Introduction and brief technical information about the sonography device (company employee, BK medical) (10 mins)

B- Hands-on-training at human model (60 minutes)

- . Questions and answers, tips and tricks (10 minutes)

TURP Course (2.5 hours)

➤ **Course Director:** : Mostafa Sakr

➤ **Course Coordinator:** Hussein Abdeldaym

➤ **Instructors:**

Mostafa Sakr, (EG) - Omar Elgebaly (EG) - Akram Asem (EG) - Ali. Gozen (GER) - Hazem Mansy (Can)

➤ **Course Format:**

- . TURIS: Enucleation versus resection of the prostate (10 minutes)
- . Expected Complications during TURIS and how to avoid (10 minutes)
- . Video: TURIS enucleation (10 minutes)
- . Video: TURIS resection (10 minutes)
- . Hand-on training (110 minutes)

➤ **Objectives and course description:**

TURP is considered as the gold standard of treatment of BPH whenever surgical treatment is indicated. Safety and efficacy of TURP based on a great extent on the increasing expertise of urologic surgeons as well as the providing alternative technique and modifications that ensure the safety of the procedure and decrease the complications. Since more centres and urologists are interested in minimal invasive surgery, the number of TURP cases is increasing. In this context TURP training programmes have become more important than before and playing an important role in learning TURP.

The workshop provides an interactive hands-on training of different steps and techniques of TURP. The attendees will be trained in achieving successful and safe resection and enucleation of the prostate and how to avoid the complications.

Hands-on training sessions will be carried out under the guidance of experienced Urologists and local tutors who will actively guide trainees through the different training steps. Hands-on training will be carried out using 5 training modules provided by Storz Industrial Company.

Minimally invasive surgery for female SUI course (4 hours) Cadaveric Hands-on Training course

➤ **Course Director:** : Prof. Sherif Mourad - Prof. Bruno Deval - Dr. Wally Mahfouz

➤ **Course Coordinator:** A. Prof. Mostafa Elmissry - A. Prof. Ahmed Abulfotooh

➤ **Program:**

- . Introduction (5 minutes)
- . Pre-course evaluation exam (15 minutes)
- . Anatomy of the obturator region (20 minutes)
- . Anatomy of the retropubic (Retzius) space (20 minutes)
- . Choosing the best mid-urethral sling: Does this exist or is it a myth? (20 minutes)
- . Mid-urethral slings: Tips and Tricks- How I do it? (20 minutes)
- . Live Cadaver surgery for SUI (TVT, TOT and mini slings) (120minutes)
- . Post-course evaluation exam (15 minutes)
- . Adjourn and Take-Home messages (5 minutes)

E-BLUS course and Exam (6 hours)

ESU/ESUT Hands-on training course

European Training in Basic Laparoscopic Urological Skills (E-BLUS)

- **Course Director:** Evangelos Liatsikos
- **Course Coordinator:** Mahmoud Shalaby - Akram Assem
- **Course Trainer:** Aly Abdelkarim - Lutfi Tunc - Akram Assem - Al Serdar Gozen - Evangelos Liatsikos
Mahmoud Shalaby - Mahmoud Abdelhakim - Haytham Badawy - Tamer Abou Youssef
- **Course Format:**
 - 1- Introduction by course coordinator (15 minutes)
 - 2- Hands-on-training at different EBLUS models (60 minutes)
 - 3- Questions and answers, tips and tricks (15 minutes)
- **Aims and Objectives:**

Laparoscopic procedures are continuously evolving in urology based on the increasing expertise of urologic surgeons. Since the number of centres with laparoscopic expertise is still limited in Europe, laparoscopic training programmes have become very important. The goal of the laparoscopy is to produce a surgeon who is highly competent and confident in performing laparoscopic procedures; and thereby mitigate the risks of complications. Hands-on training courses at the pelvi-trainer represent one of the main steps of basic laparoscopic training.

ESU/ESUT training research board has development and validated a comprehensive program of education and assessment of the basic fundamentals of laparoscopic surgery namely E-BLUS. This basic laparoscopic training program is including a theoretical part in internet and practical exam which will be certified by EAU.

The set of exercises offered in the box-training addresses bimanual dexterity, depth perception, suturing and cutting skills. Clinical application is found in partial nephrectomy, total nephrectomy, pyeloplasty and radical prostatectomy. Practical part includes four step basic laparoscopic exercises, namely peg transfer, cutting a circle, needle guidance and single knot tying. For each exercise a time limit is defined, as well as criteria for a successful completion of the exercise.

During the training session all questions can be answered and discussed with tutors including the demonstration of tips and tricks.

Program

(09:00 - 10:30) Course I

(11:00 - 12:30) Course II

(13:30 - 15:00) Course III

(15:30 - 17:30) EBLUS exam

Nurses Educational Course for Minimally Invasive Surgery in Urology (6 hours)

➤ **Course Director:** : Prof. Aly Abdel-Karim (EG) - Harold Omana (GB)

➤ **Course Coordinator:** A. Prof. Ahmed Abulfotooh - Dr. Waleed Dawood

➤ **Program:** 8:30-9:00 Registration

Session I: Laparoscopic Urology

09:00-09:20 Brief history of Laparoscopic surgery (Harlod Omana)

09:20-09:40 Current advancements in minimally invasive surgery and where is Egypt now?
(Harlod Omana)

09:40-10:00 4 P's in laparoscopic surgery and the Importance of the WHO Checklist/Timeout
(Harlod Omana)

10:00-10:20 The importance of Theatre Nurses and what we should know
(Harlod Omana)

10:20-10:40 Laparoscopic Imaging Stack System and instruments: Tips and Tricks on proper care of
Lap equipment. (Harlod Omana)

10:40-11:00 Questions and Discussion

11:00-11:30 Coffee Break

► Program:

Session II: Endourology

11:30-11:50 Before & after Endoscopic urologic surgery: What nurses should know?

(A. Prof. Abeer Mohamed Elshatby, Faculty of Nursing).

11:50-12:10 Preoperative endourologic checking

(Dr. Rasha Fathy, Faculty of Nursing).

12:10-12:30 OR setting in endourology and the role of Time Out

(Dr. Eshrak Salama, Faculty of Nursing).

12:30-12:50 Preparing and positioning of the patient in endoscopic surgery

(Dr. Narges Mohamed Seyam, Faculty of Nursing).

12:50-13:10 Endoscopic instruments: how to assemble and how to care.

(A. Prof. Rasha Aly Yakout, Faculty of Nursing)

13:10-13:30 Discussion

13:30-14:30 Lunch

MMISU 2019

Social Program:

- **Welcome Reception:** 18th of April 2019 7:00 pm
- **Presidential Dinner:** 19th of April 2019 9:00 pm
- **Gala Dinner:** 20th of April 2019 9:00 pm