Under the Patronage of His Excellency
Prof. Dr. Ahmed El-Tayeb
*Grand Sheikh – Al-Azhar*

International Islamic Center for
Population Studies and Research (IICPSR)
Al-Azhar University

*In collaboration with*

Consultants and Professors from UK, Spain, Finland, Jordan
Germany, Canada and Egypt
Society of Endometriosis and Uterine Disorders (SEUD) -France
and The Egyptian Fertility and Sterility Society (EFSS)

The 12th Workshop on:

"Basic & Advanced Clinical and
Laboratory Training Course in Infertility including
ART for Developing Countries"

23rd – 27th November, 2019
Cairo - Egypt

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Mobile: (+2) 01066634172
E-mail: iicpsr_azhar2@hotmail.com
Web site: www.alazhar-iicpsr.org
Message from the Course Director and Director of IICPSR, Al Azhar University

Infertility contributes to the global burden of diseases, affects quality of life and is rated by WHO and World Bank as the 5th disability for age group 0-59 years. Prevention and treatment of infertility is a reproductive right in line with the agenda of Cairo ICPD 1994 and SDGs.

In developing countries infertility is a medical and social socio-cultural problem with gender sufferings. Infertility prevention and treatment is a political commitment and contributes to the success of Family Planning program.

The objective of this workshop is to update participants on the prevention of infertility, cost-effective evidence-based methods of diagnosis and treatment of infertility and making the provision of ART services more affordable and accessible in low recourse countries.

The practical part of the workshop provides directions and assistance to the participants to provide complete infertility service, including ART, integrated in reproductive and sexual health services in their own hospitals or countries.

This is the 12th workshop organized by the IICPR. Many of the candidates who attend previous workshops already established their own infertility care centers including ART. I sincerely hope that this workshop will help many other colleagues to provide a better fertility care services including ART for their patients.

The collaborative efforts of consultants from UK, Spain, Finland, Jordan Germany, Canada and Egypt, Society of Endometriosis and Uterine Disorders (SEUD) -France and The Egyptian Fertility and Sterility Society (EFSS) in conducting this workshop are very well appreciated. This workshop has been accredited 20 hours by Arab Commission for Accreditation of Professional Programs (ACAPP), Arab Medical Union.
Accredited hours from the Arab Commission for Accreditation of Professional Programs (ACAPP)
Continuous Professional Development Activity Accreditation

The workshop titled:
"Basic & Advanced Clinical and Laboratory Training Course in Infertility including ART for Developing Countries"
has been evaluated and accredited by 20 hours.
COURSE DIRECTOR:

Prof. Gamal I. Serour  (Al-Azhar University- Egypt)

COURSE COORDINATORS:

- Prof. Shokry Abdel Azim (Al-Azhar University)
- Prof. Adel El-Sayed (Al-Azhar University)
- Prof. Abdel Aal El Ghandour (Al-Azhar University)
- Prof. Aziza Mansour (Al-Azhar University)
- Prof. Taymour Khalifa (Al Azhar University)
- Dr. Ahmed Fathy (Al Azhar University)
- Dr. Eman Anwar (Al Azhar University)
- Dr. Amira Badr Eldin (Al Azhar University)

FACULTY OF THE WORKSHOP:

Al-Azhar University (AZHART):

- Prof. Gamal I. Serour
- Prof. Shokry Abdel Azim
- Prof. Adel El Sayed
- Prof. Abdel Aal El Ghandour
- Prof. Ahmed Fata
- Prof. Khaled Galal
- Prof. Ahmed Rammah
- Prof. Hassan Abd Rabou
- Prof. Mohamed Shehata Abdel Aal
- Prof. Ayman M. Nassar
- Prof. Serag El Din Mansour
- Assist. Prof. Youssef Abou Shady
- Assist. Prof. Ahmed Serour
- Assist. Prof. Mohammed Atef
- Dr. Wael khafagy
- Dr. Eman Ahmed Ali
- Dr. Hossam M. Tork
- Dr. Ahmed Rosdy
- Dr. Ahmed Elsayed
International Faculty:

Prof. Eric Jauniaux  UK
Prof. Francisco Carmona  Spain
Prof. Juha Tapanainen  Finland
Prof. Khaledon Sharif  Jordan
Prof. Klaus Diedrich  Germany
Prof. Mohamed Bedaiwy  Canada
Prof. Yakoub Khalaf  U.K.

Andrology:

Prof. Taymour Khalifa
Dr. Hany Sabry
Dr. Ahmed Fathy

Embryology Lab:

Prof. Aziza Mansour
Dr. Eman Anwar
Dr. Amira Badr Eldin
Dr. Ahmed Kadry
Scientist Biologist. Ahmed Fathy
Scientist Biologist. Khaled Swedan
Scientist Biologist. Ayat Saeed
Scientist Biologist. Ahmed Zaher
Scientist Biologist. Mostafa Zakaria
Scientist Biologist. Ahmed Elsayed Sabry
Scientist Biologist. Ahmed Abdel Raouf

Biochemistry Lab:

Prof. Mervat Mahmoud
Assist. Prof. Ashraf Taha
Dr. Eman Al Husseiny
Scientist. Nermein Mohamed
Research Fellows:
Dr. Abdel Maksoud Elsayed
Dr. Ahmed Elsayed
Dr. Mohamed Hussein

Biostatistics:
Prof. Ahmed Ragaa Abdel Hamid Ragab
Dr. Mohamed Ahmed Omar Hashem
Dr. Abeer Abdel Wahed

GENERAL INFORMATION:

Official Language:
The official language of the congress is English.

Badges:
You will receive your name badge on registration. All candidates must wear their badges throughout the workshop, breaks, and in the exhibition hall.

Certificate of Attendance:
Certificate of Attendance will be delivered on the last day after complete the evaluation form.
Coffee Breaks & Lunch:
   It will be served in the Cafeteria of the Center opposite the conference room free of charge for all participants.

Exhibition Hall:
   Medical industry and Pharmaceutical companies will display their products in front of the Workshop room. Please feel free to visit the medical exhibition during the breaks.

Information Desk:
   For any inquiries please contact the Secretariat located on the fourth floor.

Mobile Phones:
   Mobile Phones must be switched off inside the meeting room.

Preview Room:
   All Speakers are kindly requested to deliver their presentation at least one hour before their talk to the slide room which will be beside the registration room.

Practical Training:
Supervised by members of:
   Al-Azhar University ART Unit Staff.
Practical Training Sessions:

A) Reproductive Medicine Sessions:
   1- Patients counseling and selection (Clinic)
   2- Ultrasound Monitoring (Clinic)
   3- Ovum Pick up, ET (O. R.)
   4- TESE, TESA and PESA (O. R.)

B) Embryology Lab Sessions: (Embryology Lab)
   1- Sperm preparation.
   2- Oocyte (s) Identifications.
   3- Oocyte (s) Denudation.
   4- IVF and ICSI.
   5- Loading Embryo (s).
   6- Cryo-preservation.
   7- Vitrification.

Registration Fee:
   Includes attending all scientific sessions, Practical Training Sessions, Coffee Breaks, Lunch and workshop kit.

POST WORKSHOP HANDS-ON TRAINING PROGRAM:
   Optional practical training will be provided for clinicians and embryologists for a period of two weeks or longer period as requested. Number of trainees will be limited to two persons only at a time.
For more information:

Please call secretariat

Secretariat:
Mrs. Eman Abdel Hamid               (IICPSR, Al-Azhar University)
Ms. Aya El Tobgi                    (IICPSR, Al-Azhar University)
Mrs. Sherifa Badawi                (IICPSR, Al-Azhar University)
Mrs. Azza El Tobgi                 (EFSS)

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Cairo, Egypt
# WORKSHOP PROGRAM

**Saturday 23rd November, 2019**

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<td>08.30 – 09.00</td>
<td><strong>REGISTRATION</strong></td>
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| 09.00 – 09.45 | **OPENING SESSION**                                | **Prof. Adel El-Sayed**  
Head ART Unit  
**Prof. Shokry Abdel Azim**  
Deputy of the Center  
**Prof. Gamal I. Serour**  
Director, IICPSR, Al Azhar University  
**Prof. Mahmoud Sedeik**  
Dean Faculty of Medicine  
**Prof. Tarek Salman**  
Deputy Rector of Al Azhar University  
**Prof. Dr. Mohamed El Mehrasawy**  
Rector Al Azhar University |
| 09.45 – 10.15 | **COFFEE BREAK**                                    |                                                                            |
| 10.15 – 10.35 | **Anovular Infertility/Treatment/Complication/Prevention** | **Prof. Gamal I. Serour**, (Al Azhar University)                             |
| 10.35 – 10.45 | **Discussion**                                     |                                                                            |
| 10.45 – 11.05 | **Evaluation and Management of Male Infertility**  | **Prof. Taymour Khalifa, Dr. Ahmed Fathy**, (Al Azhar University)           |
| 11.05 – 11.15 | **Discussion**                                     |                                                                            |
| 11.15 – 11.35 | **Semen Preparation for IUI and ART**              | **Prof. Aziza Mansour**, (Al Azhar University)                              |
| 11.35 – 11.45 | **Discussion**                                     |                                                                            |
| 11.45 – 12.05 | **Ultrasonography in Infertility Management**      | **Prof. Abdel Aal El Ghandour**, (Al Azhar University)                      |
| 12.05 – 12.15 | **Discussion**                                     |                                                                            |
12.15 – 12.35  **Cryopreservation Techniques and Pregnancies Resulting from Cryopreservation**
Dr. Amira Badr Eldin, (Al-Azhar University)

12.35 – 12.45  Discussion

12.45 – 13.15  **COFFEE BREAK**

**AFTERNOON SESSIONS (Panel Discussion)**

13.15 – 14.15  **Diagnosis & Evaluation of the Infertile Couple**
Chair: Prof. Gamal I. Serour
Panelists: Prof. Taymour Khalifa,
Prof. Abdel Aal El Ghandour,
Prof. Aziza Mansour.
Dr. Eman Anwar, Dr. Ahmed Fathy,
Dr. Hany Sabry
(Al-Azhar University)

14.15 – 16.00  **Practical Sessions:**
Dr. Eman Anwar, Prof. Shokry Abdel Azim
- Satellite live show and video

16.00 – 16.30  **LUNCH BREAK**
**Sunday 24th November, 2019:**

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<td>08.30 – 08.50</td>
<td><strong>Premature Ovarian Failure Update</strong></td>
<td>Prof. Ahmed Rammah (Al Azhar University)</td>
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<td>08.50 – 09.00</td>
<td>Discussion</td>
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<td>09.00 – 09.20</td>
<td><strong>Infertility and Obesity</strong></td>
<td>Prof. Shokry Abdel Azim (Al Azhar University)</td>
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<td>09.20 – 09.30</td>
<td>Discussion</td>
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<td>8</td>
<td>09.30 – 09.50</td>
<td><strong>Adenomyosis a Forgotten Cause of Infertility</strong></td>
<td>Prof. Gamal I. Serour</td>
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<td>09.50 – 10.00</td>
<td>Discussion</td>
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<td>9</td>
<td>10.00 – 10.20</td>
<td><strong>Role of Hysteroscopy in IVF</strong></td>
<td>Prof. Ahmed Fata (Al Azhar University)</td>
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<td>10.20 – 10.30</td>
<td>Discussion</td>
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<td>10.30 – 11.00</td>
<td>COFFEE BREAK</td>
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<td>10</td>
<td>11.00 – 11.20</td>
<td><strong>Establishing IVF Unit in Developing Countries</strong></td>
<td>Dr. Eman Anwar (Al-Azhar University)</td>
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<td>11.20 – 11.30</td>
<td>Discussion</td>
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<td>11</td>
<td>11.30 – 11.50</td>
<td><strong>Strategy for Myoma Associated Infertility ART or Myomectomy</strong></td>
<td>Prof. Gamal I. Serour (Al Azhar University)</td>
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<td>11.50 – 12.00</td>
<td>Discussion</td>
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<td>12</td>
<td>12.00 – 12.20</td>
<td><strong>Counseling in ART</strong></td>
<td>Prof. Ahmed Serour (Al Azhar University)</td>
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<td>12.20 – 12.30</td>
<td>Discussion</td>
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12.30 – 13.00 **Case Study (Andrology)**
Dr. Ahmed Fathy (Al Azhar University)
Dr. Hany Sabry (Al Azhar University)

The Debatable Practices in Management of PCOs in ART Cycles: Case Scenario
Prof. Abdel Aal El Ghandour
(Al Azhar University)

**AFTERNOON SESSIONS (Panel Discussion)**

13.00 – 14.00 **Patient Centered Treatment of Infertility**
Chair: Prof. Gamal I. Serour
Panelists: Prof. Shokry Abdel Azim, Prof. Ahmed Fata,
Prof. Ahmed Rammah, Prof. Ahmed Serour,
Dr. Eman Anwar, Dr. Ahmed Fathy,
Dr. Hany Sabry
(Al Azhar University)

14.00 – 14.30 **LUNCH BREAK**

14.30 – 16.30 **Practical Sessions:**
Prof. Gamal I. Serour & Staff
1- Patient Selection & Counseling  (Group A)
2- COS Monitoring  (Group B)
3- OPU, ET & TESE  (Group C)
4- Embryology Lab  (Group D)
Monday 25th November, 2019:

(13) 08.30 – 08.50  Management of Poor Responders in IVF  
      Prof. Adel El Sayed, (Al Azhar University)  
      08.50 – 09.00  Discussion

(14) 09.00 – 09.20  IVF in Patients > 40 Years  
      Prof. Gamal I. Serour  
      09.20 – 09.30  Discussion

(15) 09.30- 09.50  OHSS Prevention  
      Pro. Mohamed Shehata, (Al-Azhar University)  
      09.50 – 10.00  Discussion

(16) 10.00 – 10.20  IUI in the Era of ART  
      Prof. Ahmed Elsayed, (Al Azhar University)  
      10.20 – 10.30  Discussion
      10.30 – 11.00  COFEE BREAK

(17) 11.00 – 11.20  Evidence Based Practices in Reproductive Medicine  
      Prof. Mohammed Atef  
      11.20 – 11.30  Discussion

      11.30 – 12.30  Case Study  
      Poor Responders - Hyper-responders  
      Prof. Ahmed Serour (Al-Azhar University)
AFTERNOON SESSIONS (Panel Discussion)

12.30 – 13.30  
**OHSS**  
Chair: Prof. Gamal I. Serour  
Panelists: Prof. Adel El Sayed, Prof. Khaled Galal or Mohamed Atef, Prof. Mohamed Shehata, Prof. Shokry Abdel Azim, Dr. Hossam M. Eltorky, Dr. Ahmed Elsayed

13.30 – 14.00  
LUNCH BREAK

14.00 – 16.00  
**Practical Sessions:**  
**Prof. Adel El Sayed & Staff**  
1- Patient selection & Counseling (Group B)  
2- COS Monitoring (Group C)  
3- OPU, ET & TESE (Group D)  
4- Embryology Lab (Group A)
Tuesday 26th November, 2019:

(18) 08.30 – 08.50  Caesarean Section Isthmocele: Risks, Pathogenesis and Diagnosis  
Prof. Mohamed Bedaiwy, (Canada)  
08.50 – 09.00  Discussion

(19) 09.00 – 09.20  Caesarean Section Isthmocele: Surgical Management  
Prof. Mohamed Bedaiwy, (Canada)  
09.20 – 09.30  Discussion

(20) 09.30 – 09.50  Patients Selection: Who Should and Who Should Not Have IVF  
Prof. Yakoub Khalaf, (UK)  
09.50 – 10.00  Discussion

(21) 10.00 – 10.20  Management of Adenomyosis Associated Infertility  
Prof. Francisco Carmona, (Spain)  
10.20 – 10.30  Discussion  
10.30 – 11.00  COFFEE BREAK

(22) 11.00 – 11.20  Management of Luteal Phase in ART Cycle  
Prof. Adel El-Sayed  
11.20 – 11.30  Discussion

(23) 11.30 – 11.50  High Risk and Multiple Pregnancy in IVF  
Prof. Hassan Abd Rabou, (Al-Azhar University)  
11.50 – 12.00  Discussion  
12.00 – 13.00  Case Study COH and Difficult IVF Patient  
Prof. Shokry Abdel Azim,  
Dr. Hossam M. Tork,  
Dr. Ahmed Rushdy  
(Al Azhar University)
AFTERNOON SESSIONS  (Panel Discussion)

13.00 – 14.00  Optimizing the Outcome of ART

Chair:  Prof. Mohamed Bedaiwy (Canada)
Panelist:  Prof. Francisco Carmona  (Spain)
          Prof. Yacoub Khalaf  (U.K.)
          Prof. Adel El-Sayed,
          Prof. Hassan Abd Rabou,
          (Al-Azhar University)

14.00 – 14.30  LUNCH BREAK

14.30 – 16.30  Practical Sessions:
               Prof. Mohamed Atef & Staff

1- Patient selection & Counseling  (Group C)
2- COS Monitoring                    (Group D)
3- OPU, ET & TESE                   (Group A)
4- Embryology Lab                  (Group B)
**Wednesday 27th November, 2019:**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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| 08.00 – 08.20 | Evidence based additional therapy for prevention of early pregnancy loss after IVF  
Prof. Eric Jauniaux, (UK) |
| 08.20 – 08.30 | Discussion                                                              |
| 08.30 – 08.50 | Microbiome and human reproduction                                       
Prof. Eric Jauniaux, (UK) |
| 08.50 – 09.00 | Discussion                                                              |
| 09.00 – 09.20 | Azospermia state of the ART management                                  
Prof. Khaldoun Sharif, (Jordan) |
| 09.20 – 09.30 | Discussion                                                              |
| 09.30 – 09.50 | Vitrification Versus Slow Freezing: What Yields Better Results?         
Prof. Klaus Diedrich, (Germany) |
| 09.50 – 10.00 | Discussion                                                              |
| 10.00 – 10.30 | **COFFEE BREAK**                                                        |
| 10.30 – 10.50 | Ovarian stimulation for IVF                                             
Prof. Khaldoun Sharif, (Jordan) |
| 10.50 – 11.00 | Discussion                                                              |
| 11.00 – 11.20 | Long Term Metabolic Consequences of PCOs                               
Prof. Juha Tapanainen, (Finland) |
| 11.20 – 11.30 | Discussion                                                              |
| 11.30 – 11.50 | Ovulation Induction in PCOs patient                                     
Prof. Yakoub Khalaf, (UK) |
| 11.50 – 12.00 | Discussion                                                              |
| 12.00 – 12.20 | Laparoscopic surgery/ART for endometriosis associated infertility       
Prof. Francisco Carmona (Spain) |
<p>| 12.20 – 12.30 | Discussion                                                              |</p>
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<th>Time</th>
<th>Event</th>
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<tr>
<td>12.30 – 12.50</td>
<td><strong>New Developments of Ovarian Stimulation for ART</strong>&lt;br&gt;Prof. Klaus Diedrich, (Germany)</td>
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<td>12.50 – 13.00</td>
<td>Discussion</td>
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<tr>
<td>13.00 – 13.20</td>
<td><strong>Differentiation of human gonadal somatic cells from embryonic stem cells - a tool for disease modeling</strong>&lt;br&gt;Prof. Juha Tapanainen (Finland)</td>
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<td>13.20 – 13.30</td>
<td>Discussion</td>
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<tr>
<td>13.30 – 14.15</td>
<td><strong>ART Safety / Reproductive Surgery</strong>&lt;br&gt;Chair: Prof. Klaus Diedrich, (Germany)&lt;br&gt;Panelist: Prof. Francisco Carmona, (Spain)&lt;br&gt;Prof. Juha Tapanainen, (Finland)&lt;br&gt;Prof. Khalidoun Sharif, (Jordan)&lt;br&gt;Prof. Yakoub Khalaf, (UK)</td>
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<td>14.15 – 14.45</td>
<td><strong>CLOSING SESSION</strong></td>
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<td>14.45 – 16.00</td>
<td><strong>Practical Sessions:</strong>&lt;br&gt;Prof. Ahmed Fata &amp; Staff&lt;br&gt;1- Patient Selection &amp; Counseling (Group D)&lt;br&gt;2- COS Monitoring (Group A)&lt;br&gt;3- OPU, ET &amp; TESE (Group B)&lt;br&gt;4- Embryology Lab (Group C)</td>
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<tr>
<td>16.00 – 16.30</td>
<td><strong>LUNCH BREAK</strong></td>
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**NOTE:**

- Each lecture should be 20 to 22 minutes with 8 to 10 minutes for discussion.
- Panel lectures should be 15 minutes with 45 minutes for discussion.
The organizing committee would like to sincerely thank the main sponsors of the workshop particularly Ferring, IBSA, Merck, Mina pharm, Scope Medical, BG Kareem, Egyptian Office, Pharco and Abbott without the generous support of these companies the workshops would not have been possible. Also, we would like to thank all other companies who supported the workshop and the scientific activities of the Unit.