13th INTERNATIONAL ARTHROPLASTY CONFERENCE

2-4 JAN 2020
GRAND NILE TOWER, CAIRO, EGYPT

Under Patronage

Prof. GAMAL SAMY ALY
President of October 6 University

Prof. DAWLAT EI MILIGY
Dean of the Faculty of Medicine
October 6 University

Prof. ALI ABDEIAZIZ ALI
Vice-President of October 6 University

Prof. ATEF MORSY
Dean of the Faculty of Medicine
Beni Suef University
Honorary President of the Conference

Conference Chairmen

MAHMOUD HAFEZ
Prof. & Head of Orthopaedic Dept.
October 6 University, Cairo, Egypt

WAEL BARSOUM
President of Cleveland Clinic
Florida, USA

SCIENTIFIC PROGRAM
www.arthroplasty-conference.org
/// EDUCATION IN MOTION
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The international arthroplasty conference (IAC) started in 2008 with 2 invited speakers from Cleveland Clinic Foundation (CCF); Joseph Iannotti, the Chairman of Orthopaedic Dept and Wael Barsoum, the Vice Chairman. It was a success from the first time, calling for continuation and progression. This collaborative work resulted in a written agreement with CCF to support our Orthopaedic Dept in both research and education. CCF over the years provided us with quality speakers with complete sponsorship of their travel expenses. IAC has had several hurdles after 2011 following the uprising in Egypt and then the tourism crisis in Sharm El Sheikh. As a result, we missed CCF speakers. Also, we had to move IAC from Sharm to Cairo.

Today, CCF is back again with 5 distinguished faculty. In this conference, we have 8 other guest speakers from Europe, Asia and Australia. With more than 20 experienced speakers from Egypt, we expect a highly educational event and a platform for exchange of experiences.

IAC is reaching its 13-anniversary, indicating a regularity, practicality and consistency. It became an entity that has its roots in Egypt, but its reach is international. IAC has been a meeting place for Experts in arthroplasty and computer assisted surgery. The features of this year event are listed below.

We started collaborative work with Universities in Egypt. The first was with Suez Canal University and this year, the IAC is done in association with Beni Suef University and Prof Atef Morsy, the Dean of the Faculty of Medicine is the Honorary President of this conference.

We hope that you enjoy the conference, and look forward to receiving your feedback, and seeing you at future events.

Mahmoud Hafez, MSc Orth, Dip SICOT, FRCS Ed, MD
Conference Co-Chairman
Executive committee member of CAOS, WAIOT & IFIA International Societies
Consultant Orthopaedic Surgeon (locum), NHS, UK
Professor & Head of the Orthopaedic Dept.
October 6 University, Cairo, Egypt
www.egyorth.org
KEYNOTE LECTURERS:

Wael Barsoum  
President of Cleveland Clinic, Florida, USA  
Professor of Orthopaedic Surgery, Cleveland Clinic,  
Cleveland, Ohio, USA

Bahir Elias  
Senior Consultant Orthopedic Traumatologic  
Hand and Plastic surgeon, Maître ès Sciences  
Médicales, Besançon, France
ADVISORY COMMITTEE:

Ahmed Hassaan
Prof. of Orthopaedics,
Alexandria University

Hazem Abdel Azim
Prof. of Orthopaedics,
Cairo University

Mahmoud Mabrouk
Prof. of Orthopaedics,
Al Azhar University

Amr Khairy
Prof. & Head of Orthopaedics,
Ain shams University

Khaled Hassan
Prof. of Orthopaedics,
Zagazig University

Mahmoud Samy
Prof. of Orthopaedics,
Military Medical Academy

ORGANIZING COMMITTEE:

Ahmed Hashem
Prof. of Orthopaedics,
Zagazig University

Ahmed Waly
Ass. Prof. of Orthopaedics,
Alexandria University

Emad Elbanaa
Prof. of Orthopaedics,
Beni Souef University

Ahmed Tamer
Lecturer Orthopaedic Dept.
October 6 University
HIGHLIGHTS

> 10 Invited speakers from Asia, Australia, Europe, and North America.

> 20 distinguished speakers from Egypt many of them are highly experienced arthroplasty surgeons, head of Departments and deans of medical schools. All gather to exchange experiences on joint replacement.

> Updates on important aspects of arthroplasty by team of surgeons from Cleveland clinic, one of the top hospitals worldwide.

> Key lectures by 2 distinguished international speakers

> Workshops on arthroplasty of large and small joints.

> 16th Middle East Symposium on CAOS (Robotics, Navigation)

> 10th PSI Symposium (Patient Specific Instruments & Custom made Implants)
HIGHLIGHTS

> Symposium: Alternatives to Arthroplasty (Osteotomy, Arthrodesis, Arthroscopy & Biologics)

> Seminars and sessions on infection (PJI), registry, research

> Live surgery on knee arthroplasty using advanced PSI techniques

> Innovation fair on novel techniques & patents

> Parallel sessions on physiotherapy, orthopaedic nursing

> Unique opportunity to have multi-disciplinary team from different specialties and health care systems providing a holistic approach for the management of arthritis and joint disorders

> The conference is ethically compliant with European compliance Portal
INTERNATIONAL FACULTY (Arranged Alphabetically)

NORTH AMERICA

BARSOUM, WAEL
President of Cleveland Clinic, Florida, USA
Professor of Orthopaedic Surgery, Cleveland Clinic, Cleveland, Ohio, USA

ELSAHY, NABIL
Emeritus professor, Georgia Medical College, Atlanta, USA

HIGUERA, CARLOS
Chairman of Orthopaedics at Cleveland Clinic Florida, USA
President of the musculoskeletal infection society

KLIKA, ALISON
Research Program Manager at Cleveland Clinic, Ohio, USA
INTERNATIONAL FACULTY
(Arranged Alphabetically)

NORTH AMERICA

MANRIQUE-SUCCAR, JORGE
Hip & Knee Reconstructive Surgery, Musculoskeletal Oncology/Cancer/Adult Joint Reconstruction and Orthopaedic Oncology, Cleveland Clinic Florida, USA

PIUZZI, NICOLAS
Adult Joint Reconstructive Surgery Associate Staff, Orthopaedic & Rheumatologic Institute, Cleveland, Ohio, USA

Mohammed Al-Awlaqi
Former Orthopaedic Surgeon Brigham and Women’s, Harvard Medical School, USA
INTERNATIONAL FACULTY  
(Arranged Alphabetically)

EUROPE

ANSARA, SAMEH
Consultant Orthopaedic Surgeon, Dumfries Galloway Royal Infirmary, Dumfries, UK

ELIAS, BAHIR
Senior Consultant Orthopedic Traumatologic Hand and Plastic surgeon, Maître és Sciences Médicales, Besançon, France

FLEEGA, BASIM
Director GOC Orthopaedic Shoulder Hospital, Bonn, Germany

MORGAN, SAM
Consultant Orthopaedic Surgeon, St. Helens & Knowsley Hospital, Liverpool, UK
INTERNATIONAL FACULTY
(Arranged Alphabetically)

ASIA & AUSTRALIA

GHAZAL, ISMAIL
Consultant Orthopaedic surgeon, Amman, Jordan

NEGRINE, JOHN
Past President Australian Orthopaedic Foot and Ankle Society. Member Australian / American and European Foot and Ankle societies
(Arranged Alphabetically)

Abdula Hamad  
Associate Professor of Orthopaedics, Alexandria University

Ahmed Al-Taoudi  
President of the Military Medical Academy, Professor of Plastic Surgery

Ahmed Hassaan  
Professor of Orthopaedics, Alexandria University, President of Egyptian Pelvis and Hip Society

Ahmed Kholeif  
Professor of Orthopaedics, Cairo University

Ahmed Waly  
Ass. Professor of Orthopaedics, Alexandria University

Abdel Khalek El Zalabany  
Lecturer of Orthopaedics, Al Azhar University

Ahmed Hashem  
Professor of Orthopaedics, Zagazig University

Abdel Salam Eid  
Dean of faculty of Medicine, Zagazig University, Professor of Orthopaedics

Ahmed Tamer  
Lecturer of Orthopaedics, October 6 University
NATIONAL FACULTY

(Arranged Alphabetically) Photos & Biography are Published in the Conference Website

Amr Khairy
Professor & Head of Orthopaedics, Ain Shams University

Ayman Soliman
Professor of Orthopaedics, Alexandria University

Bahaa Kornah
Professor of Orthopaedics, Al Azhar University

Emad Saweeres
Assistant Professor of Orthopaedics, El Sahel Teaching Hospital

Gamal Hosny
Professor of Orthopaedics, Banha University & Former president of EOA

Ashraf Al Wakeel
Professor of Orthopaedics, Military Medical Academy

Atef Morsy
Dean of faculty of Medicine, Beni Souef University, Professor of Orthopaedic Dept.

Emad Elbanaa
Professor of Orthopaedics, Beni Souef University

Fouad Zamel
Professor of Orthopaedics, Cairo University

Hatem Galal Zaki
Prof. of Orthopaedics, Assiut University

2-4 JAN 2020
www.arthroplasty-conference.org
Hazem Abdel Azim  
*Prof. of Orthopaedics, Cairo University*

Khaled Emara  
Professor of Orthopaedics  
*Ain Shams University*

Khaled Fawzy  
Professor of Orthopaedics,  
*Cairo University*

Mahmoud Hafez  
*Prof. & Head of orthopaedic dept*  
*October 6 University, Cairo, Egypt*

Ibrahim El Ganzoury  
Professor of Orthopaedics  
*Ain Shams University*

Khaled Hassan  
Professor and Head of the Orthopaedic Dept  
*Zagazig University. Head of Arthroplasty Unit.*

Mahmoud Abdel Karim  
*Associate professor of Orthopaedics,*  
*Cairo University*

Mahmoud Mabrouk  
*Prof. of Orthopaedics, Al Azhar University*
National Faculty
(Arranged Alphabetically)

Mahmoud Samy
Professor of Orthopaedics,
Military Medical Academy

Radwan Gamal
Assistant Professor of Orthopaedics,
Ain Shams University

Yousry Emad
Professor of Orthopaedics,
Alexandria University

Mohamed Gamal Morsy
Professor of Orthopaedics,
Alexandria University

Tarek Elkhadrawe
Professor of Orthopaedics,
Alexandria University

Photos & Biography are Published in the Conference Website
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<th>Speakers for Free Papers and Posters:</th>
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<tbody>
<tr>
<td>Mohammed Aboelmagd</td>
</tr>
<tr>
<td>Ahmed Maher Teaching Hospital</td>
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<tr>
<td>Mostafa Elnemr</td>
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<tr>
<td>El Zaitoun Specialized Hospital</td>
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<tr>
<td>Ahmed A. Khalifa</td>
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<tr>
<td>South Valley University, Qena</td>
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<tr>
<td>Mark Ashraf</td>
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<tr>
<td>October 6 University</td>
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<tr>
<td>Karim Hamdy</td>
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<tr>
<td>October 6 University</td>
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<tr>
<td>Ahmed Mansour</td>
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<tr>
<td>Port Said University</td>
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<tr>
<td>Ahmed El Khawaja</td>
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<tr>
<td>Ministry of Health, Cairo</td>
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<tr>
<td>Ahmed Mattar</td>
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<tr>
<td>October 6 University</td>
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<tr>
<td>Michael Maher</td>
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<td>Ahmed Moghny</td>
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<td>October 6 University</td>
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<td>Nada Ibrahim</td>
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<td>October 6 University</td>
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<tr>
<td>Sherine Yousery</td>
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<tr>
<td>October 6 University</td>
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<tr>
<td>Assem Bastawisy</td>
</tr>
<tr>
<td>Lecturer of Orthopedics and Trauma Surgery, Misr University for Science and Technology</td>
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<tr>
<td>Mohamed Elfekky</td>
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<tr>
<td>Dubai, UAE</td>
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<tr>
<td>Ahmed Nabeel</td>
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<tr>
<td>El Agouza Hospital</td>
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<tr>
<td>Ahmed Gamal</td>
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<tr>
<td>October 6 University</td>
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<tr>
<td>Omar Makram</td>
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<td>October 6 University</td>
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<tr>
<td>Mostafa Saied</td>
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<td>October 6 University</td>
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<tr>
<td>Ashraf Elazab</td>
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<tr>
<td>Mansoura University</td>
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<tr>
<td>Mohamed Fawzy</td>
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<td>Mansoura University</td>
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</tbody>
</table>
INNOVATION FAIR PARTICIPANTS

Mohamed Elfekky
Dubai, Uae

Ahmed El Khawaja
Ministry of Health, Cairo

Mohamed Samir
October 6 University

Mahmoud Hafez
Prof. & Head of orthopaedic dept
October 6 University, Cairo, Egypt

Hossam Hamza
October 6 University

Ahmed Moghny
October 6 University
WORKSHOPS
DAY 1
Thursday, 2nd January 2020
### Workshops

<table>
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<tr>
<th>Time</th>
<th>Workshops</th>
<th>Moderator</th>
<th>Implants</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:00 – 12:45 PM</td>
<td><strong>Primary TKR</strong> &lt;br&gt; Prof. Tarek Elkhadrawe</td>
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<tr>
<td>12:45 – 13:30 PM</td>
<td><strong>Unicompartmental Knee replacement</strong> &lt;br&gt; (Oxford) &lt;br&gt; Prof. Ibrahim El Ganzoury</td>
<td></td>
<td><strong>Zimmer-Biomet</strong></td>
</tr>
<tr>
<td>13:30 – 14:15 PM</td>
<td><strong>Primary THR (Dual Mobility)</strong> &lt;br&gt; Prof. Ahmed Hassaan</td>
<td></td>
<td><strong>Implant Cast, (Global)</strong></td>
</tr>
<tr>
<td>14:15 – 14:45 PM</td>
<td><strong>COFFEE BREAK</strong></td>
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<tr>
<td>14:45 – 15:30 PM</td>
<td><strong>Revision TKR (PCK Revision Knee)</strong> &lt;br&gt; Prof. Radwan Gamal</td>
<td></td>
<td><strong>Orthohouse (Maxx Medical)</strong></td>
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<tr>
<td>Time</td>
<td>Workshop</td>
<td>Location</td>
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</tr>
<tr>
<td>15:30 – 16:15 PM</td>
<td><strong>Revision THR (Delta Revision TT)</strong>&lt;br&gt;Prof. Mahmoud Abdulkarim</td>
<td>OrthoHouse (LIMA)</td>
<td></td>
</tr>
<tr>
<td>16:15 – 17:00 PM</td>
<td><strong>Shoulder Replacement (Reverse Shoulder)</strong>&lt;br&gt;Prof. Mohamed Gamal Morsy</td>
<td>Zimmer-Biomet</td>
<td></td>
</tr>
</tbody>
</table>
### THURSDAY
#### 2ND JANUARY 2020

#### WORKSHOPS

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
</table>
| 17:00 - 18:00 PM | **Foot & ankle Symposium & Workshop**  
Arthroplasty, Osteotomy and Arthrodesis |
| 18:00 - 19:00 PM | **Research & Publications Workshop**  
Basics of research  
International publications: Tips and tricks |
| 19:30 PM | **FACULTY DINNER** |

#### Instructors

- **John Negrine**  
  Past President Australian Orthopaedic Foot and Ankle Society, Australia
- **Ahmed Kholeif**  
  Professor of Orthopaedics, Cairo University
- **A. Klika M. Hafez**  
  Basics of research  
  International publications: Tips and tricks

[2-4 JAN 2020](www.arthroplasty-conference.org)
DAY 2

FRIDAY 3\textsuperscript{rd} January 2020
<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00-09:15 AM</td>
<td>Socio Economic Difficulties In Egypt: Do We Have An Impact?</td>
<td>S. Ansara</td>
</tr>
<tr>
<td>09:15-09:30 AM</td>
<td>Femoral Neck Fractures: Fix or Repair?</td>
<td>J. Manrique-Succar</td>
</tr>
<tr>
<td>09:30-09:45 AM</td>
<td>Improving outcomes in Primary Hip and Knee arthroplasty: A personalized approach</td>
<td>N. Piuzzi</td>
</tr>
<tr>
<td>09:45-10:00 AM</td>
<td>Pain Management After TKA</td>
<td>C. Higuera</td>
</tr>
<tr>
<td>10:00-10:15 AM</td>
<td>Discussion</td>
<td></td>
</tr>
<tr>
<td>Time</td>
<td>Session Title</td>
<td>Speaker(s)</td>
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<tr>
<td>10:15–10:30 AM</td>
<td>Preoperative Planning For TKR</td>
<td>T. Elkhadrawi</td>
</tr>
<tr>
<td>10:30–10:45 AM</td>
<td>Managing Extraarticular Deformities During TKR</td>
<td>M. Hafez</td>
</tr>
<tr>
<td>10:45–11:00 AM</td>
<td>Reconstructive Principles Around Revision Total Knee Replacement</td>
<td>W. Barsoum</td>
</tr>
</tbody>
</table>
FRIDAY
3RD JANUARY 2020

SESSION 2 : KNEE

11:00-11:15 AM
Metal Augmentation For Knee Revision
C. Higuera

11:15-11:30 AM
Discussion

11:30 – 13:00 PM
Coffee Break / Friday Prayer
<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>13:00-13:15 PM</td>
<td><strong>Direct Anterior Approach: “The Rothman Way; Using A Regular Table And No Fluoroscopy”</strong></td>
<td>J. Manrique-Succar</td>
</tr>
<tr>
<td>13:15-13:30 PM</td>
<td><strong>Short Stem THA: Egyptian Experience</strong></td>
<td>A. Hassaan</td>
</tr>
<tr>
<td>13:30-13:45 PM</td>
<td><strong>Dual Mobility Cups</strong></td>
<td>C. Higuera</td>
</tr>
<tr>
<td>13:45-14:00 PM</td>
<td><strong>Reconstructive Principles Around Revision THR</strong></td>
<td>W. Barsoum</td>
</tr>
</tbody>
</table>
Managing Bone Defects in THR: Grafts or Augments

A. Soliman

14:00–14:15 PM

Discussion

14:15–14:30 PM
FRIDAY 3RD JANUARY 2020

**INTRODUCTION**

<table>
<thead>
<tr>
<th>Professor</th>
<th>Topic</th>
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</thead>
<tbody>
<tr>
<td>Prof. Mahmoud Hafez</td>
<td>Impact of O6U Orthopaedic Department on University ranking &amp; Society</td>
</tr>
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**WELCOME**

<table>
<thead>
<tr>
<th>Professor</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>Prof. Atef Morsy</td>
<td>Dean of Faculty of Medicine, Beni Suef University</td>
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<tr>
<td></td>
<td>Honorary President of the Conference</td>
</tr>
<tr>
<td>Prof. Dawlat El Miligy</td>
<td>Dean of Faculty of Medicine, October 6 University</td>
</tr>
<tr>
<td>Prof. Ali Abdelaziz Ali</td>
<td>Vice President of October 6 University</td>
</tr>
<tr>
<td>Prof. Gamal Samy Aly</td>
<td>President of October 6 University</td>
</tr>
</tbody>
</table>
**Keynote Lectures**

**Moderator:** Conference Guest: 
**Prof. Ahmed Al-Taoudi/ President of Military Medical Academy**

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker and Topic</th>
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<tbody>
<tr>
<td>15:30 – 16:10 pm</td>
<td>Prof. Wael Barsoum: The Role of Artificial Intelligence and Augmented reality to Help Solve the Global Health Crisis</td>
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<tr>
<td></td>
<td>Prof. Bahir Elias: BURNOUT Syndrome in Orthopedic Surgeons</td>
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</tbody>
</table>

**LUNCH**
# Session 4: Infection & Tumours

**Chairmen: J. Manrique-Succar – A. Khairy**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>16:10-16:20 PM</td>
<td>Prevention of PJI</td>
<td>C. Higuera</td>
</tr>
<tr>
<td>16:20-16:30 PM</td>
<td>Definition of low grade &amp; high grade infection</td>
<td>WAIOT</td>
</tr>
<tr>
<td>16:30-16:40 PM</td>
<td>Hip Spacers in extreme scenarios</td>
<td>I. El Ganzoury</td>
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<tr>
<td>16:40-16:50 PM</td>
<td>Spacers for TKA</td>
<td>M. Abdel Karim</td>
</tr>
<tr>
<td>16:50-17:00 PM</td>
<td>Reconstructive challenges &amp; musculoskeletal oncology</td>
<td>J. Manrique-Succar</td>
</tr>
<tr>
<td>17:00-17:10 PM</td>
<td>Discussion</td>
<td></td>
</tr>
<tr>
<td>Session Time</td>
<td>Session Title</td>
<td>Speaker(s)</td>
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<tr>
<td>17:10-17:20 PM</td>
<td><strong>Femur Periprosthetic Fractures (Vancouver Type 2)</strong></td>
<td>C. Higuera</td>
</tr>
<tr>
<td>17:20-17:30 PM</td>
<td><strong>Failure of ingenious designs</strong></td>
<td>K. Fawzy</td>
</tr>
<tr>
<td>17:30-17:40 PM</td>
<td><strong>Primary Hip for Acetabular Fractures</strong></td>
<td>A. Hamad</td>
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<tr>
<td>17:40-17:50 PM</td>
<td><strong>Soft tissue loss with exposed implants: What to do?</strong></td>
<td>N. Elsahy</td>
</tr>
<tr>
<td>17:50-18:00 PM</td>
<td><strong>Discussion</strong></td>
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DAY 3

SATURDAY 4th January 2020
<table>
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<tr>
<th>Time</th>
<th>Session Title</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>09:00–09:10 AM</td>
<td>Orthobiologics 2020</td>
<td>N. Piuzzi</td>
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<tr>
<td>09:10–09:20 AM</td>
<td>Hip preservation in case of AVN</td>
<td>H. Abdel Azim</td>
</tr>
<tr>
<td>09:20–09:30 AM</td>
<td>Hip preservation surgery for Perthes &amp; Perthes like conditions</td>
<td>A. Zalabany</td>
</tr>
<tr>
<td>09:30–09:40 AM</td>
<td>Arthroscopy to preserve the joint in hip OA</td>
<td>H. Zaki</td>
</tr>
<tr>
<td>09:40–09:50 AM</td>
<td>Salvage after failed tibial plateau fractures</td>
<td>E. Saweeres</td>
</tr>
</tbody>
</table>
### Session 6: From Joint Preservation to Salvage

**Date:** 4th January 2020

**Time:** 09:50 - 10:30 AM

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:50-10:00 AM</td>
<td>Pelvic Support Osteotomy as a Salvage for infected revision THR</td>
<td>K. Emara</td>
</tr>
<tr>
<td>10:00-10:10 AM</td>
<td>Debate: Which is better HTO or Uni Knee</td>
<td></td>
</tr>
<tr>
<td>10:10-10:20 AM</td>
<td>High Tibial Osteotomy</td>
<td>G. Hosny</td>
</tr>
<tr>
<td>10:20-10:30 AM</td>
<td>High Tibial Osteotomy Versus Uni Compartmental Knee</td>
<td>M. Al-Awlaqi</td>
</tr>
<tr>
<td>10:10-10:20 AM</td>
<td>Uni Compartmental Knee</td>
<td>A. Waly</td>
</tr>
</tbody>
</table>
**Session 7: Misc**

Chaired by: B. FLEEGA – E. ELBANNA

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker(s)</th>
</tr>
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<tbody>
<tr>
<td>10:30–10:40 AM</td>
<td>New forms of impingement around the hip</td>
<td>A. Hazim</td>
</tr>
<tr>
<td>10:40–10:50 AM</td>
<td>Proximal femoral osteotomy</td>
<td>F. Zamel</td>
</tr>
<tr>
<td>10:50–11:00 AM</td>
<td>Ankle OA: Fuse or replace</td>
<td>S. Morgan</td>
</tr>
<tr>
<td>11:00–11:10 AM</td>
<td>PSI for replacing malunited deformed glenoid</td>
<td>A. Mansour</td>
</tr>
</tbody>
</table>
11:10-11:20 AM  PSI SUPPORTED ARTHROSCOPIC RECONSTRUCTION OF 2 AND 3 PARTS PROXIMAL HUMERAL FRACTURE  B. FLEEGA

11:20-11:30 AM  PSI SHOULDER MODELL GUIDED TOTAL SHOULDER REPLACEMENT IN OLD 4 PARTS MALUNITED FRACTURES  B. FLEEGA

11:30 - 11:45 PM  COFFEE BREAK
Thigh pain after hip arthroplasty evaluation and management

Can we predict leg length change (LLC) after unilateral total knee arthroplasty (TKA)?

Complicated case of ipsilateral femoral neck and shaft fracture
<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:09–12:17 PM</td>
<td><strong>Management of femoral defects in THR</strong></td>
<td>K. Fawzy</td>
</tr>
<tr>
<td>12:17–12:25 PM</td>
<td><strong>Conversion of bilateral fused hips to THR</strong></td>
<td>A. Tamer</td>
</tr>
</tbody>
</table>

**Session 8: Free Papers**

12:05–12:13 PM
<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:25-12:35 PM</td>
<td>Robotic surgery</td>
<td>N. Piuzzi</td>
</tr>
<tr>
<td>12:35-12:45 PM</td>
<td>Patient Specific Orthopaedics</td>
<td>A. Moghny</td>
</tr>
<tr>
<td>12:45-12:55 PM</td>
<td>Use of PSI in difficult primary total knee: case study</td>
<td>M. Maher</td>
</tr>
<tr>
<td>12:55-13:05 PM</td>
<td>Comparison between Uni &amp; TKR using PSI</td>
<td>M. Ashraf</td>
</tr>
</tbody>
</table>
### Session 9: 16th Symposium on CAOS & 10th Symposium (PSI)

- **13:05–13:15 PM**  
  **PSI: Is it practical & cost effective for private work**  
  I. Ghazal

- **13:15–13:25 PM**  
  **PSI: Egyptian experience**  
  M. Elnemr

- **13:25–13:35 PM**  
  **PSI for Shoulder Surgery**  
  S. Ansara

- **13:35 – 15:20 PM**  
  **Live Surgery: knee arthroplasty using advanced PSI techniques**

**Moderators:** J. Manrique-Succar, A. waly

**15:20 PM**  
**LUNCH**
### Session 10 : Registry

**Chairmen: A. Klika - M. Mabrook**

**16:00–16:10 PM**

**Planning and Developing an Arthroplasty Outcomes Registry: Experience at the Cleveland Clinic**

- **A. Klika**

**16:10–16:20 PM**

**13 years outcome of Egyptian Arthroplasty registry**

- **N. Ibrahim**

**16:20–16:30 PM**

**Outcome of PSI in Egyptian registry**

- **M. Samir**

**16:30–16:40 PM**

**Arthroplasty in USA & Yemen: The difference**

- **M. Al-Awlaqi**

**16:40–16:50 PM**

**How to Spot Bad Science in Clinical Research**

- **A. Klika**
<table>
<thead>
<tr>
<th>Innovation Fair</th>
<th>Chairman: M. Al-Awlaqi</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PSI for revision, a new novel way of doing revision knee surgery</strong></td>
<td>M. Elfekky</td>
</tr>
<tr>
<td><strong>The cannulated fenestrated valved screw for infection</strong></td>
<td>A. Al Khawaja</td>
</tr>
<tr>
<td><strong>PSI for osteotomy and tumors</strong></td>
<td>A. Moghny</td>
</tr>
<tr>
<td><strong>Custom Made Implants for Orthopaedics</strong></td>
<td>A. Moghny</td>
</tr>
<tr>
<td><strong>PSI for spine</strong></td>
<td>M. Samir</td>
</tr>
<tr>
<td><strong>Patient Specific Templates for Corrective Osteotomy</strong></td>
<td>M. Samir</td>
</tr>
<tr>
<td>Title</td>
<td>Author(s)</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
<td>---------------</td>
</tr>
<tr>
<td>An Apparatus and System for Acquiring Data from Bones and Joints, Plan Surgery and Manufacture Instruments or Implants</td>
<td>M. Hafez</td>
</tr>
<tr>
<td>A Method for Connecting Custom Made Guides to Conventional Instruments of Joint Replacement</td>
<td>A. Moghny</td>
</tr>
<tr>
<td>A Patient Specific Template and Method for Unicompartmental Knee Replacement</td>
<td>A. Moghny</td>
</tr>
<tr>
<td>15in1 Femoral Cutting Block and Guide for Knee Replacement</td>
<td>M. Hafez, A. Moghny</td>
</tr>
<tr>
<td>Moving Forward from 3D to 4D Printing in Dentistry</td>
<td>H. Hamza</td>
</tr>
<tr>
<td></td>
<td>Others</td>
</tr>
</tbody>
</table>
Three of these posters will be selected by the scientific committee to be delivered as short presentations 5 minutes each.

**The use of PSI in Complex TKA Associated with Extraarticular Deformities**

M. Fawzy

**Medial pivot knee changing concepts**

M. Elfekky

**Effect of Coronal Bowing of Tibia on Tibial Component Placement in Mobile Bearing Uni knee**

Ahmed Khalifa

**12 years outcome after fixation of Pipkin fracture**

Ahmed Mattar
Femoral bowing in Egyptian population
Sherine Yousery

Why joint replacement fails in Egypt
Ahmed Gamal

PSI for bilateral TKR using revision implants
Mahmoud Hafez

TKR as a salvage for comminuted distal femoral fracture
Mahmoud Hafez

Policy and incidence of clinical DVT and Fatal PE in TKA and THA: Data from Egyptian Community Arthroplasty Register
Omar Makram

Preoperative Varus-Valgus Stress Angle Difference Is Valuable for Predicting the Extent of Medial Release in Varus Deformity during Total Knee Arthroplasty  

Leg Length Changes after TKA  

Number of technical steps and instruments for TKA: Comparison between conventional and PSI
### Saturday, 4th January 2020
#### Parallel Sessions: Hall

<table>
<thead>
<tr>
<th>Topic</th>
<th>moderators</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Physiotherapy</strong></td>
<td>Prof. Mohamed Ibrahim, Vice Dean, Faculty of Physiotherapy, October 6 University</td>
</tr>
<tr>
<td></td>
<td>Dr. Abdullah Osama, Head of Physiotherapy Department, Sheikh Zayed Specialized Hospital</td>
</tr>
<tr>
<td><strong>Orthopaedic Nursing</strong></td>
<td>Prof. Ismail Hegazy, Dean of the Faculty of Applied Medical Sciences, October 6 University</td>
</tr>
</tbody>
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Dr. Khary Samra

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