



جامعة أكتوبر  
October 6 University



كلية الطب البشرى  
Faculty of Medicine



Scientific Journal of  
October 6 University



# 13<sup>th</sup> INTERNATIONAL ARTHROPLASTY CONFERENCE

2-4 JAN 2020

GRAND NILE TOWER, CAIRO, EGYPT



*Under Patronage*

**Prof. GAMAL SAMY ALY**

President of October 6 University

**Prof. ALI ABDEIAZIZ ALI**

Vice-President of October 6 University

**Prof. DAWLAT EI MILIGY**

Dean of the Faculty of Medicine  
October 6 University

**Prof. ATEF MORSY**

Dean of the Faculty of Medicine  
Beni Suf University  
Honorary President of the Conference

*Conference Chairmen*

**MAHMOUD HAFEZ**

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

**WAEI BARSOU**

President of Cleveland Clinic  
Florida, USA

**SCIENTIFIC PROGRAM**

[www.arthroplasty-conference.org](http://www.arthroplasty-conference.org)





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**13<sup>th</sup> INTERNATIONAL  
ARTHROPLASTY  
CONFERENCE**



## WELCOME .....

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](http://www.egyorth.org)

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**2-4 JAN 2020**

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13<sup>th</sup> INTERNATIONAL  
**ARTHROPLASTY**  
CONFERENCE



## 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



*President of Cleveland Clinic, Florida, USA  
Professor of Orthopaedic Surgery, Cleveland  
Clinic, Cleveland, Ohio, USA*

**BARSOUM, WAEL**



*Emeritus professor, Georgia Medical  
College,  
Atlanta, USA*

**ELSAHY, NABIL**



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

**HIGUERA, CARLOS**



*Research Program Manager at  
Cleveland Clinic, Ohio, USA*

**KLIKA, ALISON**



## INTERNATIONAL FACULTY

(Arranged Alphabetically)

### NORTH AMERICA



*Hip & Knee Reconstructive Surgery,  
Musculoskeletal Oncology/Cancer/ Adult Joint  
Reconstruction and Orthopaedic Oncology,  
Cleveland Clinic Florida, USA*

**MANRIQUE-SUCCAR, JORGE**



*Former Orthopaedic Surgeon  
Brigham and Women's, Harvard  
Medical School, USA*

**Mohammed Al-Awlaqi**



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

**PIUZZI, NICOLAS**



## INTERNATIONAL FACULTY

(Arranged Alphabetically)

### EUROPE



*Consultant Orthopaedic Surgeon,  
Dumfries Galloway Royal Infirmary,  
Dumfries, UK*

**ANSARA, SAMEH**



*Senior Consultant Orthopedic Traumatologic Hand and Plastic surgeon,  
Maître ès Sciences Médicales,  
Besançon, France*

**ELIAS, BAHIR**



*Director GOC Orthopaedic Shoulder  
Hospital,  
Bonn, Germany*

**FLEEGA, BASIM**



*Consultant Orthopaedic Surgeon,  
St. Helens & Knowsley Hospital,  
Liverpool, UK*

**MORGAN, SAM**



## 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*





## NATIONAL FACULTY

(Arranged Alphabetically)

Photos & Biography are Published  
in the Conference Website

### Abdula Hamad

Associate Professor of Orthopaedics,  
Alexandria University

### Ahmed Al-Taoudi

President of the Military Medical  
Academy, Professor of Plastic Surgery

### Ahmed Hazim Abdel Azim

Ass. 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

### Ahmed Kholeif

Professor of Orthopaedics,  
Cairo University

### Abdel Salam Eid

Dean of faculty of Medicine, Zagazig  
University, Professor of Orthopaedics

### Ahmed Hassaan

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

### Ahmed Tamer

Lecturer of Orthopaedics  
October 6 University



## NATIONAL FACULTY

(Arranged Alphabetically)

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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*





## NATIONAL FACULTY

(Arranged Alphabetically)

Photos & Biography are Published  
in the Conference Website

### 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)

Photos & Biography are Published  
in the Conference Website

### 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 Elkhadrave

*Professor of Orthopaedics,  
Alexandria University*



## SPEAKERS FOR FREE PAPERS AND POSTERS:

**Mohammed Aboelmagd**

*Ahmed Maher Teaching Hospital*

**Mostafa Elnemr**

*El Zaitoun Specialized Hospital*

**Ahmed A. Khalifa**

*South Valley University, Qena*

**Mark Ashraf**

*October 6 University*

**Karim Hamdy**

*October 6 University*

**Ahmed Mansour**

*Port Said University*

**Ahmed El Khawaja**

*Ministry of Health, Cairo*

**Ahmed Mattar**

*October 6 University*

**Michael Maher**

*October 6 University*

**Ahmed Moghny**

*October 6 University*

**Nada Ibrahim**

*October 6 University*

**Sherine Yousery**

*October 6 University*

**Assem Bastawisy**

Lecturer of Orthopedics and Trauma  
Surgery, Misr University for Science  
and Technology

**Mohamed Elfekky**

*Dubai, UAE*

**Ahmed Nabeel**

*El Agouza Hospital*

**Ahmed Gamal**

*October 6 University*

**Omar Makram**

*October 6 University*

**Mostafa Saied**

*October 6 University*

**Ashraf Elazab**

*Mansoura University*

**Mohamed Fawzy**

*Mansoura University*





## INNOVATION FAIR PARTICIPANTS

**Mohamed Elfekky**  
*Dubai, Uae*

**Mohamed Samir**  
*October 6 University*

**Hossam Hamza**  
*October 6 University*

**Ahmed El Khawaja**  
*Ministry of Health, Cairo*

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

**Ahmed Moghny**  
*October 6 University*





13<sup>th</sup> INTERNATIONAL  
**ARTHROPLASTY**  
 CONFERENCE



WORKSHOPS  
 DAY  
 1

Thursday, 2<sup>nd</sup> January 2020



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2-4 JAN 2020  
[www.arthroplasty-conference.org](http://www.arthroplasty-conference.org)

THURSDAY  
2ND JANUARY 2020

DAY

1

## WORKSHOPS

09:00 – 12:00 PM Registration

DURATION: 45 MINUTES	WORKSHOPS MODERATOR: NICOLAS PIUZZI	IMPLANTS
12:00 – 12:45 PM	PRIMARY TKR <b>PROF. TAREK ELKHADRAWA</b>	
12:45 – 13:30 PM	UNICOMPARTMENTAL KNEE REPLACEMENT (OXFORD) <b>PROF. IBRAHIM EL GANZOURY</b>	ZIMMER-BIOMET
13:30 – 14:15 PM	PRIMARY THR (DUAL MOBILITY) <b>PROF. AHMED HASSAAN</b>	IMPLANT CAST, (GLOBAL)
14:15 – 14:45 PM	<b>COFFEE BREAK</b>	
14:45 – 15:30 PM	REVISION TKR (PCK REVISION KNEE) <b>PROF. RADWAN GAMAL</b>	ORTHOHOUSE (MAXX MEDICAL)



THURSDAY  
2ND JANUARY 2020

DAY

1

## WORKSHOPS

15:30 – 16:15 PM	REVISION THR (DELTA REVISION TT) <b>PROF. MAHMOUD ABDULKARIM</b>	ORTHOHOUSE (LIMA)
16:15 – 17:00 PM	SHOULDER REPLACEMENT (REVERSE SHOULDER) <b>PROF. MOHAMED GAMAL MORSY</b>	ZIMMER-BIOMET



THURSDAY  
2ND JANUARY 2020

DAY

1

## WORKSHOPS

17:00 – 18:00 PM

### FOOT & ANKLE SYMPOSIUM & WORKSHOP ARTHROPLASTY, OSTEOTOMY AND ARTHRODESIS

#### INSTRUCTORS

#### JOHN NEGRINE

PAST PRESIDENT AUSTRALIAN ORTHOPAEDIC FOOT AND  
ANKLE SOCIETY, AUSTRALIA

#### AHMED KHOLEIF

PROFESSOR OF ORTHOPAEDICS, CAIRO UNIVERSITY

18:00 – 19:00 PM

### Research & Publications Workshop

A. KLIKA  
M. HAFEZ

BASICS OF RESEARCH  
INTERNATIONAL PUBLICATIONS: TIPS AND TRICKS

19:30 PM

### FACULTY DINNER

21



2-4 JAN 2020

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13<sup>th</sup> INTERNATIONAL  
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DAY  
 2

FRIDAY 3<sup>rd</sup> January 2020



FRIDAY  
3RD JANUARY 2020

DAY

2

SESSION 1 : GENERAL

CHAIRMEN: J. MANRIQUE-SUCCAR – M. SAMY

09:00–09:15 AM

SOCIO ECONOMIC DIFFICULTIES IN EGYPT:  
DO WE HAVE AN IMPACT?

S. ANSARA

09:15–09:30 AM

FEMORAL NECK FRACTURES: FIX OR REPAIR?

J. MANRIQUE-SUCCAR

09:30–09:45 AM

IMPROVING OUTCOMES IN PRIMARY HIP AND  
KNEE ARTHROPLASTY: A PERSONALIZED  
APPROACH

N. PIUZZI

09:45–10:00 AM

PAIN MANAGEMENT AFTER TKA

C. HIGUERA

10:00–10:15 AM

DISCUSSION



FRIDAY  
3RD JANUARY 2020

DAY

2

SESSION 2 : KNEE

CHAIRMEN: C. HIGUERA - T. ELKHADRAWI

10:15-10:30 AM

PREOPERATIVE PLANNING FOR TKR

T. ELKHADRAWI

10:30-10:45 AM

MANAGING EXTRAARTICULAR DEFORMITIES  
DURING TKR

M. HAFEZ

10:45-11:00 AM

RECONSTRUCTIVE PRINCIPLES AROUND  
REVISION TOTAL KNEE REPLACEMENT

W. BARSOUM





FRIDAY  
3RD JANUARY 2020

DAY

2

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**



FRIDAY  
3RD JANUARY 2020

DAY

2

SESSION 3 : HIP

CHAIRMEN: W. BARSOUM – A. HASSAAN

13:00–13:15 PM

DIRECT ANTERIOR APPROACH: “THE  
ROTHMAN WAY; USING A REGULAR TABLE  
AND NO FLUOROSCOPY”

J. MANRIQUE-SUCCAR

13:15–13:30 PM

SHORT STEM THA: EGYPTIAN EXPERIENCE

A. HASSAAN

13:30–13:45 PM

DUAL MOBILITY CUPS

C. HIGUERA

13:45–14:00 PM

RECONSTRUCTIVE PRINCIPLES AROUND  
REVISION THR

W. BARSOUM





FRIDAY  
3RD JANUARY 2020

DAY

2

SESSION 3 : HIP

14:00-14:15 PM

MANAGING BONE DEFECTS IN THR: GRAFTS OR AUGMENTS **A. SOLIMAN**

14:15-14:30 PM

DISCUSSION



**FRIDAY**  
3RD JANUARY 2020

**DAY**

**2**

14:30-15:30 PM

**OPENING CEREMONY & KEYNOTE PRESENTATION**

### INTRODUCTION

**PROF. MAHMOUD HAFEZ**

IMPACT OF O6U ORTHOPAEDIC DEPARTMENT ON UNIVERSITY RANKING & SOCIETY

### WELCOME

**PROF. ATEF MORSY**

DEAN OF FACULTY OF MEDICINE, BENI SUEF UNIVERSITY  
HONORARY PRESIDENT OF THE CONFERENCE

**PROF. DAWLAT EL MILIGY**

DEAN OF FACULTY OF MEDICINE, OCTOBER 6 UNIVERSITY

**PROF. ALI ABDELAZIZ ALI**

VICE PRESIDENT OF OCTOBER 6 UNIVERSITY

**PROF. GAMAL SAMY ALY**

PRESIDENT OF OCTOBER 6 UNIVERSITY





FRIDAY  
3RD JANUARY 2020

DAY

2

KEYNOTE LECTURES

MODERATOR: CONFERENCE GUEST:

PROF. AHMED AL-TAUDI/ PRESIDENTY OF MILITARY MEDICAL ACADEMY

PROF. WAEL BARSOUM

THE ROLE OF ARTIFICIAL INTELLIGENCE AND AUGMENTED REALITY TO  
HELP SOLVE THE GLOBAL HEALTH CRISIS

PROF. BAHIR ELIAS

BURNOUT SYNDROME IN ORTHOPEDIC SURGEONS

15:30 – 16:10 PM

LUNCH



FRIDAY  
3RD JANUARY 2020

DAY

2

SESSION 4 : INFECTION & TUMOURS

CHAIRMEN: J. MANRIQUE-SUCCAR – A. KHAIRY

16:10–16:20 PM	PREVENTION OF PJI	C. HIGUERA
16:20–16:30 PM	DEFINITION OF LOW GRADE & HIGH GRADE INFECTION	WAIOT
16:30–16:40 PM	HIP SPACERS IN EXTREME SCENARIOS	I. EL GANZOURY
16:40–16:50 PM	SPACERS FOR TKA	M. ABDEL KARIM
16:50–17:00 PM	RECONSTRUCTIVE CHALLENGES & MUSCULOSKELETAL ONCOLOGY	J. MANRIQUE-SUCCAR
17:00–17:10 PM	DISCUSSION	



FRIDAY  
3RD JANUARY 2020

DAY

2

SESSION 5: COMPLICATIONS

CHAIRMEN: A EID – A. AL-WAKEEL

17:10-17:20 PM

FEMUR PERIPROSTHETIC FRACTURES  
(VANCOUVER TYPE 2)

C. HIGUERA

17:20-17:30 PM

FAILURE OF INGENIOUS DESIGNS

K. FAWZY

17:30-17:40 PM

PRIMARY HIP FOR ACETABULAR FRACTURES

A. HAMAD

17:40-17:50 PM

SOFT TISSUE LOSS WITH EXPOSED IMPLANTS:  
WHAT TO DO? N. ELSAHY

17:50-18:00 PM

DISCUSSION





13<sup>th</sup> INTERNATIONAL  
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DAY  
 3

SATURDAY 4<sup>th</sup> January 2020



**SATURDAY**  
4<sup>TH</sup> JANUARY 2020

**DAY**

**3**

**SESSION 6 : FROM JOINT PRESERVATION TO SALVAGE**

**CHAIRMEN: K. HASSAN – H. ABDEL AZIM**

09:00-09:10 AM	ORTHOBIOLOGICS 2020	<b>N. PIUZZI</b>
09:10-09:20 AM	HIP PRESERVATION IN CASE OF AVN	<b>H. ABDEL AZIM</b>
09:20-09:30 AM	HIP PRESERVATION SURGERY FOR PERTHES & PERTHES LIKE CONDITIONS	<b>A. ZALABANY</b>
09:30-09:40 AM	ARTHROSCOPY TO PRESERVE THE JOINT IN HIP OA	<b>H. ZAKI</b>
09:40-09:50 AM	SALVAGE AFTER FAILED TIBIAL PLATEAU FRACTURES	<b>E. SAWEERES</b>



SATURDAY  
4TH JANUARY 2020

DAY

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SESSION 6 : FROM JOINT PRESERVATION TO SALVAGE

09:50-10:00 AM

PELVIC SUPPORT OSTEOTOMY AS A SALVAGE FOR INFECTED REVISION THR **K. EMARA**

DEBATE: WHICH IS BETTER HTO OR UNI KNEE

10:00-10:10 AM

HIGH TIBIAL OSTEOTOMY

**G. HOSNY**

10:10-10:20 AM

UNI COMPARTMENTAL KNEE

**A. WALY**

10:20-10:30 AM

HIGH TIBIAL OSTEOTOMY VERSUS  
UNI COMPARTMENTAL KNEE

**M. AL-AWLAQI**



**SATURDAY**  
4TH JANUARY 2020

**DAY**

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**SESSION 7: MISC**

**CHAIRMEN: B. FLEEGA – E. ELBANNA**

10:30–10:40 AM	NEW FORMS OF IMPINGEMENT AROUND THE HIP	<b>A. HAZIM</b>
10:40–10:50 AM	PROXIMAL FEMORAL OSTEOTOMY	<b>F. ZAMEL</b>
10:50–11:00 AM	ANKLE OA: FUSE OR REPLACE	<b>S. MORGAN</b>
11:00–11:10 AM	PSI FOR REPLACING MALUNITED DEFORMED GLENOID	<b>A. MANSOUR</b>



**SATURDAY**  
**4TH JANUARY 2020**

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**SESSION 7: MISC**

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**



**SATURDAY**  
**4TH JANUARY 2020**

**DAY**

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**SESSION 8: FREE PAPERS**

**CHAIRMEN: Y. EMAD – B. KORNAH**

**11:45–11:53 PM**

**THIGH PAIN AFTER HIP ARTHROPLASTY  
EVALUATION AND MANAGEMENT**

**B. KORNAH**

**11:53–12:01 PM**

**CAN WE PREDICT LEG LENGTH CHANGE  
(LLC) AFTER UNILATERAL TOTAL KNEE  
ARTHROPLASTY (TKA)?**

**A. KHALIFA**

**12:01–12:09 PM**

**COMPLICATED CASE OF IPSILATERAL  
FEMORAL NECK AND SHAFT FRACTURE**

**A. HASHEM**





**SATURDAY**  
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**SESSION 8: FREE PAPERS**

**12:09-12:17 PM**

**MANAGEMENT OF FEMORAL DEFECTS IN  
THR**

**K. FAWZY**

**12:17-12:25 PM**

**CONVERSION OF BILATERAL FUSED HIPs TO  
THR**

**A. TAMER**

**12:05-12:13 PM**



**SATURDAY**  
**4TH JANUARY 2020**

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**SESSION 9: 16TH SYMPOSIUM ON CAOS & 10TH SYMPOSIUM (PSI)**

**CHAIRMEN: N. PIUZZI - I. GHAZAL**

12:25-12:35 PM	ROBOTIC SURGERY	<b>N. PIUZZI</b>
12:35-12:45 PM	PATIENT SPECIFIC ORTHOPAEDICS	<b>A. MOGHNY</b>
12:45-12:55 PM	USE OF PSI IN DIFFICULT PRIMARY TOTAL KNEE: CASE STUDY	<b>M. MAHER</b>
12:55-13:05 PM	COMPARISON BETWEEN UNI & TKR USING PSI	<b>M. ASHRAF</b>



**SATURDAY**  
**4TH JANUARY 2020**

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**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**



**SATURDAY**  
**4TH JANUARY 2020**

**DAY**

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**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	<b>A. KLIKA</b>
16:10-16:20 PM	13 YEARS OUTCOME OF EGYPTIAN ARTHROPLASTY REGISTRY	<b>N. IBRAHIM</b>
16:20-16:30 PM	OUTCOME OF PSI IN EGYPTIAN REGISTRY	<b>M. SAMIR</b>
16:30-16:40 PM	ARTHROPLASTY IN USA & YEMEN: THE DIFFERENCE	<b>M. AL-AWLAQI</b>
16:40-16:50 PM	HOW TO SPOT BAD SCIENCE IN CLINICAL RESEARCH	<b>A. KLIKA</b>



**SATURDAY**  
4TH JANUARY 2020

**DAY**

**3**

**INNOVATION FAIR**

**CHAIRMAN: M. AL-AWLAQI**

**PSI FOR REVISION, A NEW NOVEL WAY OF DOING  
REVISION KNEE SURGERY**

**M. ELFEKKY**

**THE CANNULATED FENESTRATED VALVED SCREW FOR  
INFECTION**

**A. AL KHAWAJA**

**PSI FOR OSTEOTOMY AND TUMORS**

**A. MOGHNY**

**CUSTOM MADE IMPLANTS FOR ORTHOPAEDICS**

**A. MOGHNY**

**PSI FOR SPINE**

**M. SAMIR**

**PATIENT SPECIFIC TEMPLATES FOR CORRECTIVE  
OSTEOTOMY**

**M. SAMIR**



**INNOVATION FAIR**

**CHAIRMAN: M. AL-AWLAQI**

**AN APPARATUS AND SYSTEM FOR ACQUIRING DATA FROM BONES AND JOINTS, PLAN SURGERY AND MANUFACTURE INSTRUMENTS OR IMPLANTS** **M. HAFEZ**

**A METHOD FOR CONNECTING CUSTOM MADE GUIDES TO CONVENTIONAL INSTRUMENTS OF JOINT REPLACEMENT** **A. MOGHNY**

**A PATIENT SPECIFIC TEMPLATE AND METHOD FOR UNICOMPARTMENTAL KNEE REPLACEMENT** **A. MOGHNY**

**15IN1 FEMORAL CUTTING BLOCK AND GUIDE FOR KNEE REPLACEMENT** **M. HAFEZ, A. MOGHNY**

**MOVING FORWARD FROM 3D TO 4D PRINTING IN DENTISTRY** **H. HAMZA**

**OTHERES**





**SATURDAY**  
4TH JANUARY 2020

**DAY**

**3**

**CHAIRMAN: M. RADWAN**

**POSTERS:**

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**



**SATURDAY**  
**4TH JANUARY 2020**

**DAY**

**3**

**CHAIRMAN: M. RADWAN**

**POSTERS:**

**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 COMMUNUTED 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**



**SATURDAY**  
4TH JANUARY 2020

**DAY**

**3**

**POSTERS:**

**EVALUATION OF THE ADDUCTOR CANAL BLOCK FOR POSTOPERATIVE PAIN CONTROL AND EARLY FUNCTIONAL RECOVERY IN ARTHROSCOPIC KNEE SURGERY: A SYSTEMATIC REVIEW AND META-ANALYSIS OF RANDOMIZED TRALS.**

**ASHRAF ELAZAB**

**PREOPERATIVE VARUS-VALGUS STRESS ANGLE DIFFERENCE IS VALUABLE FOR PREDICTING THE EXTENT OF MEDIAL RELEASE IN VARUS DEFORMITY DURING TOTAL KNEE ARTHROPLASTY**

**ASHRAF ELAZAB**

**LEG LENGTH CHANGES AFTER TKA**

**MOHAMMED ABOELMAGD**

**NUMBER OF TECHNICAL STEPS AND INSTRUMENTS FOR TKA: COMPARISON BETWEEN CONVENTIONAL AND PSI**

**ASSEM BASTAWISY**



**SATURDAY**  
4TH JANUARY 2020

**DAY**

**3**

**PARALLEL SESSIONS: HALL**

### PHYSIOTHERAPY

#### **MODERATORS**

**PROF. MOHAMED IBRAHIM,**  
VICE DEAN, FACULTY OF PHYSIOTHERAPY,  
OCTOBER 6 UNIVERSITY

**DR. ABDULLAH OSAMA,**  
HEAD OF PHYSIOTHERAPY DEPARTMENT,  
SHEIKH ZAYED SPECIALIZED HOSPITAL

### ORTHOPAEDIC NURSING

#### **MODERATORS**

**PROF. ISMAIL HEGAZY,**  
DEAN OF THE FACULTY OF APPLIED MEDICAL  
SCIENCES, OCTOBER 6 UNIVERSITY





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**CONSTRAINED LINER** with pre-assembled liner securing pin to provide additional locking and stability while reducing locking tab stresses.

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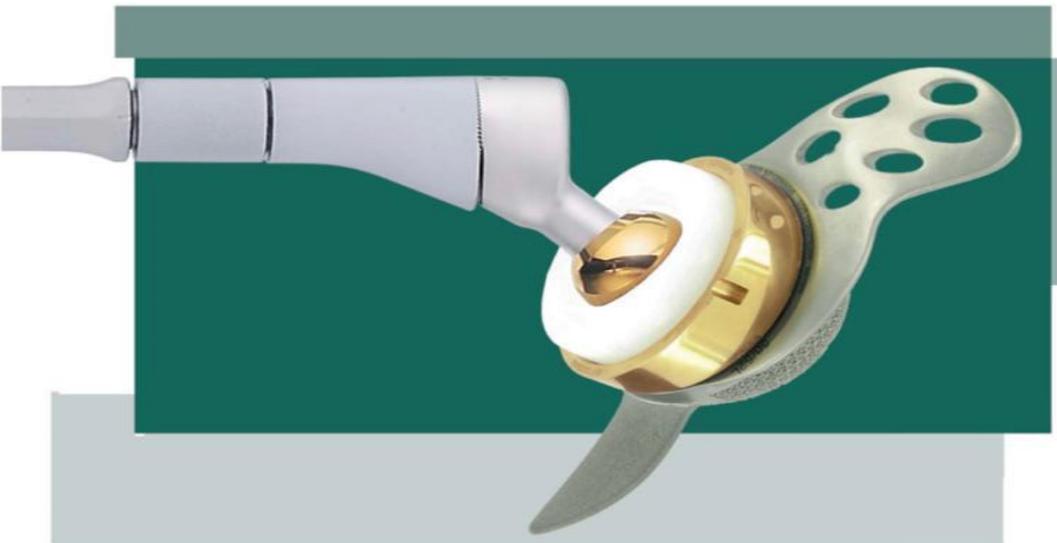
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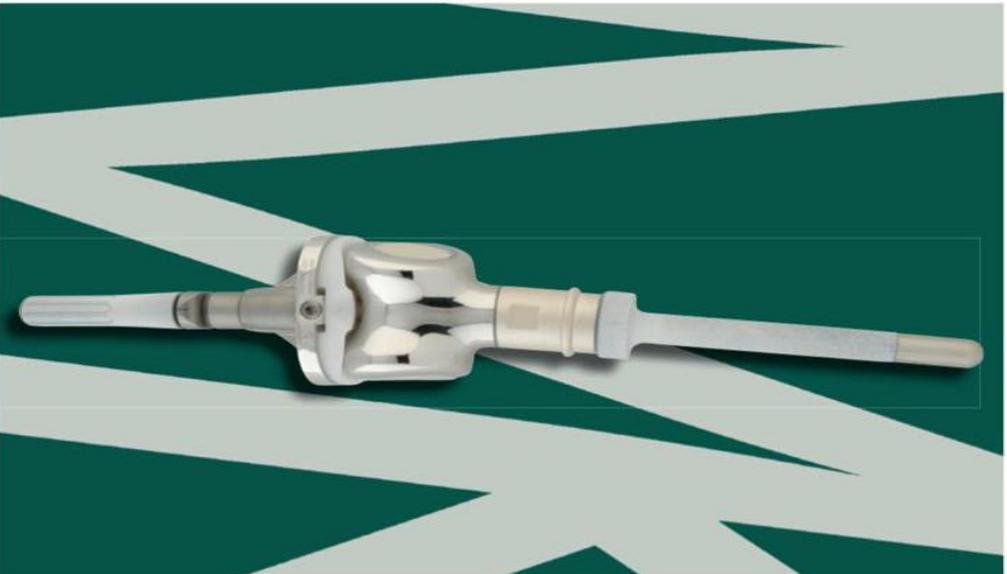
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EVENTS' SOLUTIONS

 26<sup>th</sup> Abdel Hameed Abdel Wahab st.  
Emtedad Makram Ebeed st. front of Alalsun Institute  
3<sup>rd</sup> floor

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WHEN **CREATIVITY** MEETS **PROFESSIONALISM**