

15TH

INTERNATIONAL ARTHROPLASTY CONFERENCE



5-7 MAY, 2022
GRAND NILE HOTEL, CAIRO, EGYPT

 arthroplasty-conference.org



CONFERENCE CO-CHAIRMEN

MAHMOUD A.HAFEZ

SICOT National Delegate,
Professor & Head of the Orthopaedic
Dept. October 6 University, Cairo, Egypt

SIEGFRIED HOFMANN

Associate Prof. LKH-Stolzalpe
Orthopaedic Dept., Murau, Austria

HYBRID MEETING

DISTINGUISHED SPEAKERS FROM

America, Europe, Africa
Asia, Australia,
Egypt & Middle East

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WELCOME

The International Arthroplasty Conference (IAC) started in 2008 with 2 keynote speakers from Cleveland Clinic Foundation (CCF); Joseph Iannotti, the Chairman of the Orthopaedic Dept and Wael Barsoum, the Vice Chairman. It was successful the first time. This stimulates us to continue and progress. We used to run the conference in January in Sharm El Sheikh in a wonderful weather conditions. The IAC has had several hurdles after 2011 following the uprising in Egypt and then the tourism crisis in Sharm El Sheikh. But, we continued nonstop every year and we had to move the IAC from Sharm El Sheikh to Cairo. Lately, the Covid-19 crisis came but did not stop the IAC, it only pushed the conference dates and changed the mode of presentations to be in April 2021 (virtual) and May 2022 (hybrid).

The hybrid format includes live sessions on Thursday 5 May and Friday 6 May and virtual sessions on Saturday 7 May.

IAC is reaching its 15th 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. This year, with more than 20 experienced speakers from 6 continents and from well-known centres such as Cleveland clinic, Mayo Clinic and John Hopkins Hospital, USA, we expect a highly educational event and a platform for exchange of experiences.

One of our features is the Advanced Instructional Course on Complex Total Knee Replacement run by Dr Hofmann from Austria.

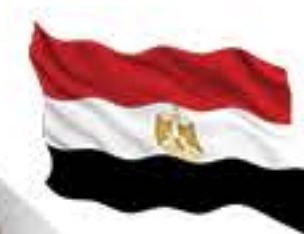
The conference hotel has the best location over the Nile <http://grandniletower.com/>

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

Conference Co-Chairman

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Dept. October 6 University, Cairo, Egypt



Conference Co-Chairman

SIEGFRIED HOFMANN

Associate Prof. LKH-Stolzalpe
Orthopaedic Dept., Murau, Austria



1



INTERNATIONAL GUEST SPEAKERS

NORTH AMERICA



JAVAD PARVIZI

Consultant Orthopedic Surgeon and
the Director of Clinical Research at the
Rothman Orthopedic Institute,
Philadelphia, USA



WAEEL BARSOUM

President and Chief Transformation
Officer at HOPCo
Ex. President of Cleveland Clinic, USA



MATTHEW P. ABDEL

Andrew A. and Mary S. Sugg Professor of
Orthopedic Surgery, Chair, Division of Orthopedic
Surgery Research, Consultant, Division of Hip and
Knee Surgery, Mayo Clinic, Rochester, USA



2



INTERNATIONAL GUEST SPEAKERS

NORTH AMERICA



CARLOS HIGUERA

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



NICOLAS PIUZZI

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



OMAR ELSAYED

Postdoctoral Fellow
Center for Outcomes Research,
Houston Methodist Research Institute,
Houston, Texas, USA





INTERNATIONAL GUEST SPEAKERS

EUROPE



RHIDIAN MORGAN-JONES

Consultant Orthopedic
Surgeon, University
of Wales, United Kingdom



SIEGFRIED HOFMANN

Associate Prof. LKH-Stolzalpe
Orthopaedic Dept., Murau, Austria



JOE PERRIMAN

Product Development Manager,
United Kingdom





INTERNATIONAL GUEST SPEAKERS

AUSTRALIA & SOUTH AMERICA



DERMOT COLLOPY

Royal Perth Hospital and
St John of God Private Hospitals
Perth, Australia



GABRIEL BARON

Consultant Orthopedic Surgeon,
Clinica RedSalud Providencia
– Vitacura, Santiago, Chile





INTERNATIONAL GUEST SPEAKERS

ASIA



ISMAIL GHAZAL

Consultant Orthopedic surgeon,
Amman, Jordan



KHALID BATTERJEE

Orthopaedic consultant &
Vice president of Saudi German Health,
Saudi Arabia



MOJIEB MANZARY

Chief Orthopedics Services,
John Hopkins Aramco
Health Care Center,
Dhahran, Saudi Arabia



SAMIH TARABICHI

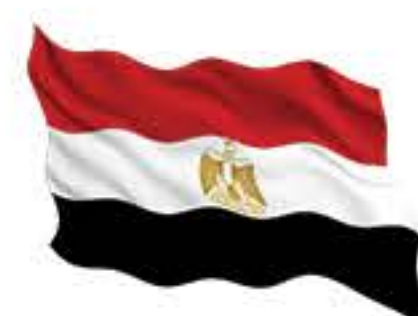
Chairman – ICJR Middle East
Consultant Orthopedic Surgeon,
Al Zahra Hospital, Dubai, UAE





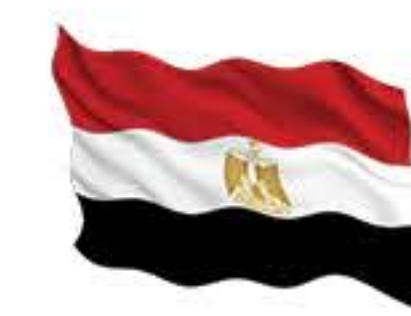
NATIONAL GUEST SPEAKERS

(Arranged alphabetically)



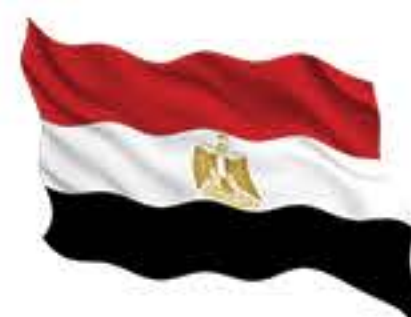
ADEL EL-ADAWY

Prof of orthopaedics, Benha University
Ex Minister of Health



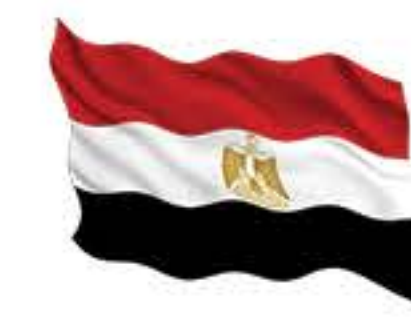
AHMED TAMER

Lecturer orthopaedic
October 6 University



AHMED TOREIH

Assistant Professor of Orthopaedics,
Suez-Canal University & October 6 University



AHMED WALY

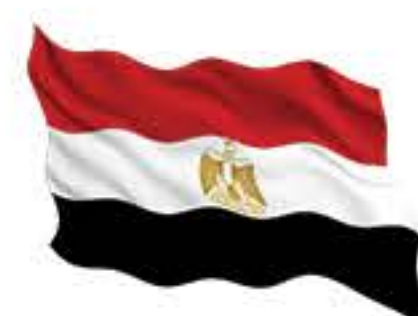
Associate Professor of
Orthopaedics Alexandria University





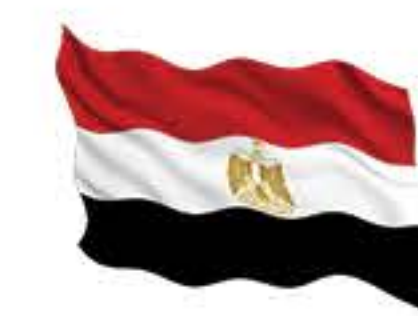
NATIONAL GUEST SPEAKERS

(Arranged alphabetically)



AYMAN MOUSSA

Major General Engineer,
Arab Organization for Industrialization



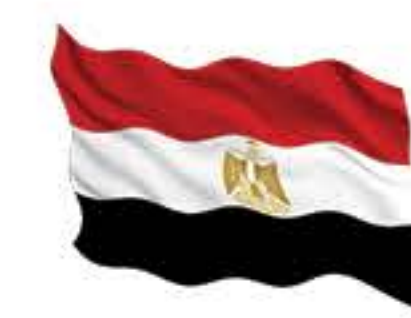
EMAD SAWERES

Assistant Professor & Consultant Orthopaedic
Surgeon El-Sahel Teaching & Good Shepherd
Hospitals, Cairo, Egypt



FOUAD ZAMEL

Associate Professor of Orthopaedics in
Cairo University, Egypt.



HASSAN ALY

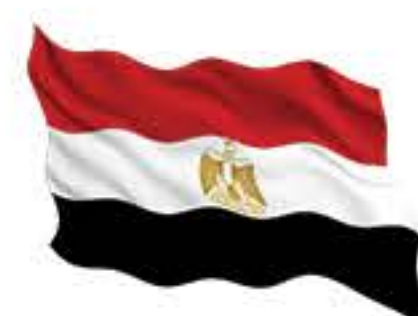
Professor of Orthopaedics,
Algalea Military Hospital





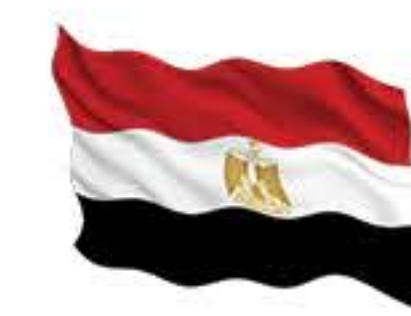
NATIONAL GUEST SPEAKERS

(Arranged alphabetically)



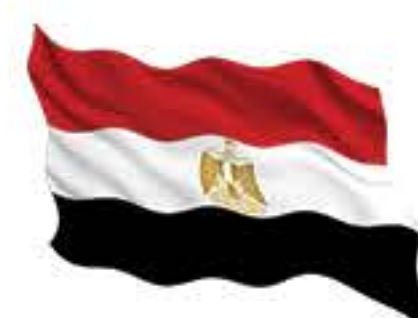
KHALED EMARA

Professor of Orthopaedics,
Ain Shams University



KHALED FAWZY

Professor Trauma & Orthopaedic Surgery,
Cairo University, Egypt.



MAGHRABY MOHAMED

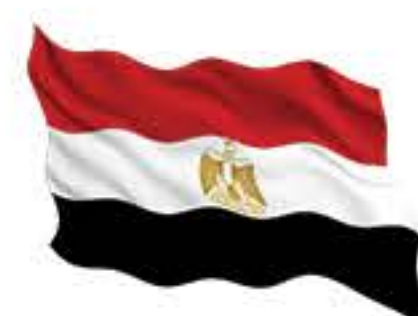
Lecturer October 6 University





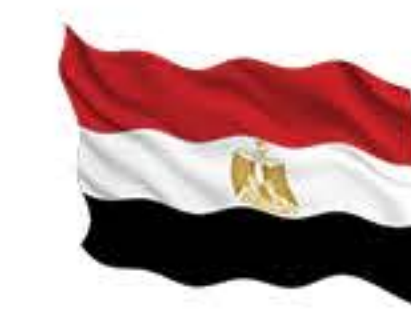
NATIONAL GUEST SPEAKERS

(Arranged alphabetically)



RAOOF AL ABASSI

Former Head of Al Helmia Military
Orthopedic Hospital and
Head of Arthroplasty Unit



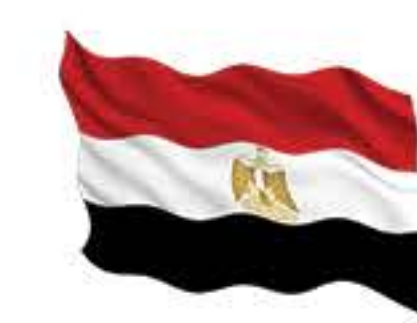
Wael Samir

Professor of Orthopedics,
Ain Shams University



AHMED ABDEL SAMEI

Professor or Orthopaedics,
Military Medical Academy



MAHMOUD A. HAFEZ

SICOT National Delegate, Professor
& Head of the Orthopaedic Dept.
October 6 University, Cairo, Egypt





GENERAL INFORMATION

- **Meeting Dates :**

The Meeting will be held from the 5th to 7th of May, 2022.

- **Meeting Venue**

The Meeting will take place in the conference hall, Grand Nile Tower Hotel, Cairo, Egypt.

- **Language**

The official language of the conference is English.

- **Meeting badges**

All participants must wear the conference identification badge.

Entrance to meeting halls and exhibition area will not be permitted to any person without badge.

- **Presentations**

Presentations MUST be submitted to the IT-technician at the scientific hall 15 minutes in advance to your talk.

- **Certificate Of Attendance**

A certificate of attendance will be available at the registration desk by the end of the conference day (2) on May 6th.

- **Certificate of Presentation :**

A certificate of presentation will be handed after presenting your paper.

- **Mobile Phone Manners**

As a courtesy to other attendees, please observe good mobile phone manners.

During attending sessions, please turn off your mobile phone and any other wireless communications.





COVID 19 INSTRUCTIONS

Dear Guests,

With the rise of COVID-19

Infection rates around the world and in Egypt, we must remain diligent in adhering to all safety precautions recommended by local & international health authorities. Every member of our community must do his-or her part. The following are reminders of key guidelines to help us in keeping one another and our community safe.

Keep yourself and others protected by strictly following these guidelines:

Physical (Social) Distancing

- Avoid close personal contact or greetings.
- Always maintain a physical distance of at least six feet apart from others.
- Attendance cannot exceed 500/0 of the conference halls' capacity.

Hygiene

- Wash your hands/apply hand-disinfection products available around the venues.
- Use paper handkerchiefs and promptly dispose them.
- Avoid touching eyes, nose, or mouth with unwashed hands.
- Avoid sharing common supplies such as pens and notebooks.

Masks

- Wear a face mask that is completely covers your mouth and nose to help protect yourself and others.
- Change your mask (if disposable) every 4 hours.

What to do if you're feeling sick

- Stay where you are & contact us
- If necessary, seek immediate medical attention.

May God be with you wherever you roam and guide you back safely to family and home!!





HIGHLIGHTS

- ✓ > 20 Invited speakers from Asia, Australia, Europe, and North America and South America.
- ✓ Speakers from top hospitals worldwide; Cleveland clinic, Mayo Clinics and John Hopkins Hospital.
- ✓ Advanced Instructional Course on Complex Total Knee Replacement run by Dr Hofmann from Austria
- ✓ Workshops, Symposia and live surgery.
- ✓ Updates on CAOS & PSI technology
- ✓ Sessions on infection (PJI) by world known speakers; Javad Parvisi, USA, Rhidian Morgan Jones, UK and Carlos Higuera, USA
- ✓ Session on Arabian knee and design of TKR implants by a panel of experts:
 - o Adel El Adawy: Prof of Orthopaedics, Ex Minister of Health, Egypt
 - o Ayman Moussa: Major General Engineer, Arab Organization for Industrialization
 - o Khalid Batterjee: Orthopaedic consultant & Vice president of Saudi German Health
 - o Mahmoud Hafez: Pioneer of PSI technology
 - o Samih Tarabishi: President of ICJR ME & designer
 - o Siegfried Hofmann: World authority in TKR
- ✓ Endorsed by SICOT and listed as an approved educational event in SICOT training webpage.
- ✓ The conference is ethically compliant with Med-Tech (European Compliance Portal)





PROGRAM AGENDA

CHAIRMAN

SIEGFRIED HOFMANN

DAY 01

**ADVANCED INSTRUCTIONAL
COURSE: COMPLEX PRIMARY
TOTAL KNEE REPLACEMENT**

THURSDAY, MAY 5, 2022

INSTRUCTORS

**AHMED WALY
EMAD SAWEERES
ISMAIL GHAZAL
MAHMOUD HAFEZ
Wael Samir**



14



DAY 01 THURSDAY, MAY 5, 2022

08:00 - 09:00 *Registration* *Local Staff*

09:00 - 09:05 *Welcome* *Mahmoud Hafez*

09:05 - 09:15 *Introduction* *Siegfried Hofmann*

Duration		Part I - Basic Principles Difficult Primary Moderator : Siegfried Hofmann	Speakers
9:15	9:25	Identify the problems	Ahmed Waly
9:25	9:35	Proper planning & surgical steps	Emad Saweeres
9:35	9:45	Choose and prepare right implant	Mahmoud Hafez
9:45	9:55	Dealing with bony defects	Siegfried Hofmann
9:55	10:30	Discussion (Interaction)	All

10:30 - 11:00 *Coffee Break & exhibition opening*



15



DAY 01 THURSDAY, MAY 5, 2022

Duration		Part II - Common cases Moderator : Emad Saweeres	Speakers
11:00	11:10	Decompensated varus deformity	Ismail Ghazal
11:10	11:30	Case challenge & Discussion (Interaction)	All
11:30	11:40	Decompensated Valgus deformity	Wael Samir
11:40	12:00	Case challenge & Discussion (Interaction)	All
12:00	12:10	Severe flexion contracture	Siegfried Hofmann
12:10	12:30	Case challenge & Discussion (Interaction)	All
12:30	12:40	TKA after Osteotomy	Ahmed Waly
12:40	13:00	Case Challenge (Interaction)	All

13:00 - 14:00 Snacks & exhibition Tour





DAY 01 THURSDAY, MAY 5, 2022

Duration		Part III - Challenging Cases Moderator : Ahmed Waly	Speakers
14:00	14:10	Posttraumatic TKA	Wael Samir
14:10	14:30	Case challenge (Interaction)	All
14:30	14:40	Extraarticular deformities and TKA	Mahmoud Hafez
14:40	15:00	Case challenge (Interaction)	All
15:00	15:10	Stiff knee and TKA	Ismail Ghazal
15:10	15:30	Case challenge (Interaction)	All
15:30	15:40	Malrotation and TKA	Siegfried Hofmann
15:40	16:00	Case challenge & Discussion (Interaction)	All

16:00 - 16:30 Exhibition tour





DAY 01 THURSDAY, MAY 5, 2022

Duration		Part IV - Rare Cases & Infection Moderator : Wael Samir	Speakers
16:30	16:40	Recurvatum and TKA	Mahmoud Hafez
16:40	17:00	Case challenge (Interaction)	All
17:00	17:10	TKA after infection	Siegfried Hofmann
17:10	17:30	Case challenge (Interaction)	All
17:30	17:45	Update Infection Diagnostics	Emad Saweeres
17:45	18:00	Therapeutic options infected TKA	Ahmed Waly
18:00	18:20	Discussion (Interaction)	All
18:20	18:30	Summary & Welfare	Mahmoud Hafez

19:00 Dinner





DAY 02

**WORKSHOPS, SYMPOSIA
& LIVE SURGERY**

FRIDAY, 6TH MAY 2022 (LIVE)



19



DAY 02 FRIDAY, MAY 6, 2022

Duration		Sessions	Speakers	Implants
9:00	9:30	Workshop: Unicompartmental Knee Replacement	Ahmed Waly	Oxford Uni, ZIMMER-Biomet
9:30	10:00	Workshop: Primary TKR	Wael Samir	Johnson & Johnson
10:00	10:30	Workshop: Revision TKR	Siegfried Hofmann	LCCK, ZIMMER-Biomet
10:30	11:10	Symposium 1: 3D printing for arthroplasty and PSI instruments & implants	Ismail Ghazal Mahmoud Hafez Samih Tarabishi	
11:10	11:30	Workshop: PSI	Joe Perriman	SurgiNovi

11:30 - 13:00 Friday Prayer, Snacks, exhibition tour





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DAY 02 FRIDAY, MAY 6, 2022

Duration		Sessions	Speakers	Implants
13:00	13:30	Workshop: Primary THR (cementing technique)	Khaled Fawzy	Stryker
13:30	14:15	Live Surgery Bilateral TKR using PSI (recorded)	Moderator: Siegfried Hofman Surgeon : Mahmoud Hafez	
14:15	14:45	Symposium 2: THR, Egyptian experience	Raof El Abassi	

14:45 - 15:00 coffee break & exhibition tour



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Surgical Technologies



Orthopaedics

Joint Replacement
Hips
Knees
Other Ortho (Mako)



Spine & Neurotechnology

Spine



Neurotechnology



stryker





DAY 02 FRIDAY, MAY 6, 2022

15:00 - 15:15 CONFERENCE CEREMONY

Duration		Sessions	Speakers	Implants
15:15	16:00	Symposium 3: Arabian Knee : Is there a need to design a new prosthesis	<ul style="list-style-type: none"> - Adel El Adawy: Prof of Orthopaedics, Ex Minister of Health, Egypt - Ayman Moussa: Major General Engineer, Arab Organization for Industrialization - Khalid Batterjee: Orthopaedic consultant & Vice president of Saudi German Health - Mahmoud Hafez: Prof of Orthopaedics - Sameh Tarabishi: President of ICJR ME - Siegfried Hofmann: Prof of Orthopaedics 	
16:00	17:00	Shoulder Arthroplasty Workshop Case Challenge	Hassan Ali Ahmed Abdel Samei	ImplantCast





DAY 02 FRIDAY, MAY 6, 2022

17:00 - 18:00 *Free Papers*

Duration		Talk	Speakers
17:00	17:10	Using Dual Mobility Cup in Revision Total Hip Arthroplasty	Ahmed Shafik, Tanta University
17:10	17:20	Comparison of Functional Outcome of Total and Unicompartmental Knee Arthroplasty Using Computer-Assisted Patient-Specific Templating	Mark Ashraf, October 6 University
17:20	17:30	Errors of Conventional Instrumentation Systems in Total Knee Arthroplasty	El Tayeb Nasser, Helwan University
17:30	17:40	13 years follow of fixation of Pipkin IV fracture before resorting to THR: A case report and systematic review	Abdel Rahman Makram, October 6 University
17:40	17:50	Conversion of bilateral fused hips to THA	Hussein Al Najjar, Al Zayton Specialized Hospital
17:50	18:00	10 Years Outcome of Bilateral Simultaneous Total Knee Arthroplasty in Patients with Deformities and Comorbidities: Comparison Between bilateral PST, Unilateral PST, and Unilateral Conventional Techniques.	Omar Elsayed, Houston Methodist Research Institute, Houston, Texas, USA

19:00 *Dinner*





DAY 03

SATURDAY, 7TH MAY 2022 (VIRTUAL)



27



DAY 03 SATURDAY, 7TH MAY 2022

SESSION: THA

Duration		Chairmen: Dermot Collopy and Khaled Fawzy	Speakers
12:00	12:10	How to predict which patient will not be satisfied after Total Joint Arthroplasty?	Nicolas Piuze
12:10	12:20	New guidelines for DVT prophylaxis	Javad Parvizi
12:20	12:30	Understanding the hip-spine relationship – and does it matter?	Matthew P. Abdel
12:30	12:40	Case challenge	Khaled Fawzy
12:40	12:50	THR; Getting it right the first time and avoid complications	Dermot Collopy
12:50	13:00	Discussion	





DAY 03 SATURDAY, 7TH MAY 2022

SESSION: CAOS & PSI

Duration		Chairmen: Nicolas Piuizzi and Mahmoud Hafez	Speakers
13:00	13:10	Robotic Uni compartmental knee replacement	Dermot Collopy
13:10	13:20	Unicompartmental knee arthroplasty. Does postoperative alignment matters?	Gabriel Baron
13:20	13:30	Robotic Total Joint Arthroplasty	Nicolas Piuizzi
13:30	13:40	PSI versus conventional systems in TKR: Logistics & practice	Omar Elsayed
13:40	13:50	Patient Specific Implants for hip & knee arthroplasty	Mahmoud Hafez
13:50	14:00	Primary hinge arthroplasty. Indications, results and complications.	Gabriel Baron
14:00	14:15	Discussion	

14:15 - 14:45 Break





DAY 03 SATURDAY, 7TH MAY 2022

SESSION: GENERAL

Duration		Chairmen: Samih Tarabishi and Ismail Ghazal	Speakers
14:45	14:55	Risk factors in arthroplasty surgery	Wael Barsoum
14:55	15:05	When do I stem my primary TKR	Mojieb Manzary
15:05	15:15	Satisfaction after TKR	Mojieb Manzary
15:15	15:25	Simultaneous bilateral TKA when and why?	Samih Tarabishi
15:25	15:35	Managing complications in hip & knee arthroplasty	Fouad Zamel
15:35	15:45	Resection arthroplasty as a last resort for PJI	Khaled Emara
15:45	16:00	Discussion	





DAY 03 SATURDAY, 7TH MAY 2022

SESSION: PJI

Duration		Chairmen: Javad Parvisi & Rhidian Morgan Jones	Speakers
16:00	16:10	Updates on the management of PJI	Javad Parvizi
16:10	16:20	My tips to prevent PJI	Carlos Higuera
16:20	16:30	Local antibiotic delivery in revision TKR	Rhidian Morgan-Jones
16:30	16:40	Is there a role for extended post-operative oral antibiotic after arthroplasty?	Carlos Higuera
16:40	16:50	Who can't have a 1-stage revision TKR	Rhidian Morgan-Jones
16:50	17:00	How I pick my antibiotic spacer	Carlos Higuera
17:00	17:15	Discussion	





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