



14th International Arthroplasty Conference

April

8th - 10th, 2021
Cairo, Egypt

www.arthroplasty-conference.org



14th International Arthroplasty Conference



Under the Patronage of



Prof. Gamal Samy

President of October 6 University

Prof. Ali Abdel Aziz Ali

Vice President of October 6 University

Prof. Mostafa El-Hodhod

Dean of Faculty of Medicine, October 6 University

Prof. Amira Hamid

Vice Dean for post Graduate Studies and Researches

Conference Chairmen



Mahmoud Hafez

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

Wael Barsoum

President of Cleveland Clinic Florida, Florida, USA



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ORGANIZING COMMITTEE



Ahmed Aly Mohamed Toreih

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

Ahmed Waly

Assistant Prof. of Orthopaedics, Alexandria University

Ahmed Tamer

Lecturer Orthopaedic Dept., October 6 University

ElMaghraby Mohamed

Lecturer Orthopaedic Dept., October 6 University

Karim Hamdy

Assistant Lecturer Orthopaedic Dept., October 6 University

Mark Ashraf

Assistant Lecturer Orthopaedic Dept., October 6 University



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Topics & Features

- 20 Invited speakers from Asia, Australia, Europe, North and South America.
- Distinguished speakers from Egypt many of them are highly experienced arthroplasty surgeons. All gather to exchange experiences on joint replacement.
- Updates on important aspects of arthroplasty surgeons from Cleveland clinic, Mayo Clinic, Harvard Medical School & other top hospitals worldwide.
- Workshops on arthroplasty of large and small joints including symposium on shoulder surgery.
- 17th Middle East Symposium on CAOS (Robotics, Navigation).
- 11th PSI Symposium (Patient Specific Instruments & Custom made Implants).
- The theme for this year event is infection (PJI) including prevention, diagnosis & treatment. We have talks from world experts in the field from USA (Drs Parvizi & Higuera) & Europe (Drs Hofmann & Romano).
- 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.





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NATIONAL FACULTY
(Arranged Alphabetically)
North & South America



Abdel, Matthew P.

Professor of Orthopedic Surgery, Mayo Clinic College of Medicine and Consultant of Adult Reconstruction at the Mayo Clinic in Rochester, Minnesota, USA

Baron, Gabriel

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

Barsoum, Wael

Professor of Orthopaedic Surgery, Cleveland Clinic, Cleveland, Ohio, USA

Fansa, Ashraf

Clinical Fellow in Orthopaedic Surgery at Massachusetts General Hospital, Harvard Medical School, Massachusetts, USA

Hakki, Sam

Consultant Orthopaedic Surgeon, Madison Heights, Michigan, USA

Higuera, Carlos

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

Jacofsky, David

Consultant Orthopaedic Surgeon. The CEO and Chairman of HOPCo (Health Outcomes Performance company), The CORE Institute, Arizona, USA

Manrique-Succar, Jorge

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

Parvizi, Javad

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

Piuzzi, Nicolas

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





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NATIONAL FACULTY (Arranged Alphabetically) Europe



Ansara, Sameh

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

Fleega, Basim

Director GOC Orthopaedic Shoulder Hospital, Bonn, Germany

Hofmann, Siegfried

Associate Professor, LKH-Stolzalpe Orthopaedic Dept., Murau, Austria Head Knee Training Centre
, LKH Stolzalpe Austria

Morgan-Jones, Rhidian

Consultant Orthopaedic Surgeon, University of Wales, UK

Morgan, Sam

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

Romanò, Carlo

G. Secretary of WAIOT, Professor, the Center for Reconstructive Surgery and Osteo-Articular
Infections (CRIO) of IRCCS Galeazzi, Milano, Italy

Predescu, Vlad

Professor & Head of the Orthopedics and Traumatology Department of Ponderas Academic
Hospital, Bucharest, Romania

Theobald, Peter

Head of Engineering Dept., Cardiff University
BEng(Hons), PGCert, PhD, CEng, MIMechE, MInstLM, FHEA





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NATIONAL FACULTY (Arranged Alphabetically) Asia & Australia



Al-Awlaqi, Mohammed F.

Consultant Orthopaedic Surgeon, Yemeni Orthopaedic Association Member, Sanaa, Yemen

Ghazal, Ismail

Consultant Orthopaedic surgeon, Amman, Jordan

Manzary, Mojieb

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

Marothi, Dhiraj

Head of the Department of Joint Replacement Surgery, Asian Bariatric Hospital,
Ahmedabad. India

Sancheti, Parag

Professor & Chairman, Sancheti Institute For Orthopaedics & Rehabilitation, Pune Area, India

Sorial, Rami

Past President of Asia-Pacific Arthroplasty Society (APAS)

Head of Orthopaedic Dept., Nepean Hospital, Sydney, Australia





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NATIONAL FACULTY (Arranged Alphabetically)



Ahmad Kandil
Bahaa Kornah
Emad Saweeres

Professor of Orthopaedics, Alexandria University
Professor of Orthopaedics, Al Azhar University
Assistant Professor of Orthopaedics,
El Sahel Teaching Hospital

Fouad Zamel
Hasan Ali
Ibrahim Badran
Ibrahim El Ganzoury
Khaled Fawzy
Mohamed Ellassasy
Tarek Elkhadrave
Yasser Elsafoury

Professor of Orthopaedics, Cairo University
Professor of Orthopaedics, Algalaa Military Hospital
Professor of Orthopaedics, Military Medical Academy
Professor of Orthopaedics, Ain Shams University
Professor of Orthopaedics, Cairo University
Professor of Orthopaedics, Cairo University
Professor of Orthopaedics, Alexandria University
Professor & Head of Orthopaedic Dept., Cairo University





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Speakers for Free papers

Ashish Jaiman
Mohamed Fawzy
Vikas Seth
Yusuf Ahmad
Assem Bastawisy

Clinical Fellow - CAOS from India
Clinical Fellow - Oman
Clinical Fellow - CAOS from India
Clinical Fellow - CAOS from Indonesia
Lecturer of Orthopedics and Trauma Surgery.
Misr University for Science & Technology

Mohammed Aboelmagd
Mostafa Elnemr
Ahmed Nabeel
Ahmed Tamer
Ahmed Gamal
Ahmed Mattar
Mark Ashraf
Michael Youssef
Karim Hamdy
Sherine Yousery
Abdel Rahman Mansy
Magraby Mohamed
Omar Makram
Abdel Rahman Makram
Ahmed Moghny
Ahmed Shams
Eyad Hafez
Mohamed Samir
Mohamed Saied
Nada Ibrahim

Ahmed Maher Teaching Hospital
El Zaitoun Specialized Hospital
El Agouza Hospital
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14th International Arthroplasty Conference

Thursday, 8th April 2021

Pre Conference Workshops

| Time· GMT +2 | IC· Difficult Primary TKR Instructors· S. Hofmann & M. Hafez | Speakers |
|---------------|--|------------------------------------|
| 10:00 - 10:10 | Welcome & Introduction | Mahmoud Hafez |
| 10:10 - 10:25 | Basic Principles Difficult Primary TKA | Siegfried Hofmann |
| 10:25 - 10:35 | Q & A | |
| 10:35 - 11:35 | Case Challenges & Polling <ul style="list-style-type: none"> • Case 1· Valgus knee - Hofmann • Case 2· Flexion contracture – Hofmann • Case 3· Achondroplasia – Hafez • Case 4· Posttraumatic knee - Hofmann | Mahmoud Hafez Siegfried Hofmann |
| 11:35 - 11:55 | Q & A | |
| 11:55 - 12:00 | Summary | |

| Time· GMT +2 | Symposium on Affordable Technology Patient Specific Instrument (PSI) for Knee, Hip, Shoulder, Spine & Tumer Surgery Chairmen· Peter Theobald | |
|---------------|---|--|
| 14:00 - 16:00 | Sameh Ansara, UK Ahmed Torieh, Egypt Ismail Ghazal, Jordan Abdullah AL-Othman, KSA Mostafa Elnemr, UAE | Dhiraj Marothi, India Ashish Jaiman, India Kabir Abu Baker, Nigeria Yusuf Ahmad, Indonesia Basim Fleega, Germany |

Symposium: Periprosthetic joint infection (PJI): The worst case scenario

| Time· 10 Min GMT +2 | Chairmen· Rhidian Morgan-Jones / Tarek Elkhadrwe | Speakers |
|---------------------|---|----------------------|
| 20:00 - 20:10 | Revision for Infection· How I do it | Rhidian Morgan Jones |
| 20:10 - 20:20 | Infected pelvic discontinuity with significant bone loss· How to Manage | Vikas Seth |
| 20:20 - 20:30 | Patient specific spacer for periprosthetic joint infection | Mahmoud Hafez |
| 20:30 - 20:40 | Prevention of periprosthetic infection (PJI) | Javad Parvizi |
| 20:40 - 21:00 | Case Discussion | Javad Parvizi |



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Friday, 9th April 2021
Session: General

| Time: 10 Min GMT +2 | Chairmen: Carlo Romano / Khaled Fawzy | Speakers |
|------------------------|---|-----------------|
| 10:00 - 10:10 | Satisfaction after TKR, our experience with the middle east-ern patients | Mojieb Manzary |
| 10:10 - 10:20 | Stems in TKR | Mojieb Manzary |
| 10:20 - 10:30 | Robotic systems for TKA and my early experience | Rami Sorial |
| 10:30 - 10:40 | Antibacterial coating of implants: a valuable option! | Carlo Romano |
| 10:40 - 10:50 | Chemical antibiofilm techniques for PJI diagnosis: bringing the lab closer to the OR. | Carlo Romano |
| 10:50 - 11:00 | Revision arthroplasty surgery: extraction techniques | Manrique-Succar |
| 11:00 - 11:10 | Spacer options for revision arthroplasty | Manrique-Succar |
| 11:10 - 11:30 | Discussion | |

Session: Complex Hip & Knee

| Time: 10 Min GMT +2 | Chairmen: Ibrahim Badran / Fouad Zamel | Speakers |
|------------------------|--|----------------|
| 15:30 - 15:40 | Rapidly destruction arthropathy of the hip, UK & Egyptian experience | Mahmoud Hafez |
| 15:40 - 15:50 | Conversion of bilateral fused hips to THA | Ahmed Tamer |
| 15:50 - 16:00 | Case Discussion | TBC |
| 16:00 - 16:10 | Managing Bone Loss in acetabular revision | David Jacofsky |
| 16:10 - 16:20 | Robotics and Knee Arthroplasty – The Evidence | David Jacofsky |
| 16:20 - 16:30 | Discussion | |



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SPONSERED TALK

| Time• 10 Min GMT +2 | Chairmen• | Speakers |
|------------------------|------------------------------|---------------|
| 16:30 - 16:40 | Osteoporosis in Arthroplasty | Mahmoud Hafez |

Session: Shoulder Arthroplasty

| Time• 10 Min GMT +2 | Chairmen• Basim Fleega / Sameh Ansara | Speakers |
|------------------------|---|-------------------|
| 18:00 - 18:10 | Anatomical and Reverse Total Shoulder Replacement for treatment of complicated Proximal Humeral Fractures | Yasser Elsafoury |
| 18:10 - 18:20 | Evolution of Reverse Total Shoulder Replacement | Ahmad Kandil |
| 18:20 - 18:30 | Is capsulo-ligamentus reconstruction a must in anatomical TSR | Mohamed Ellassasy |
| 18:30 - 18:40 | Hemiarthroplasty indications• when to do hemi and when total | Hasan Ali |
| 18:40 - 18:50 | Short stem shoulder arthroplasty | Sameh Ansara |
| 18:50 - 19:20 | Discussion | |

| Time• GMT +2 | Posters Competation• The best 6 selected posters | |
|-----------------|--|---|
| 19:30 - 20:00 | Mark Ashraf Magraby Mohamed Omar Makram | Karim Hamdy Sherine Yousery Abdel Rahman Makram |





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Saturday, 10th April 2021
Session: 17th Symposium CAOS



| Time• GMT +2 | Chairman• Emad Saweeres | |
|---------------------|---|----------------|
| 09:00 - 10:00 | Live Surgury TKR using PSI | |
| Time• 10 Min GMT +2 | Chairmen• Vlad Predescu / Emad Saweeres | Speakers |
| 10:00 - 10:10 | PSI for TKR• Experience from Romania | Vlad Predescu |
| 10:10 - 10:20 | Applications of PSI and custom made protheses in tumors | TBC |
| 10:20 - 10:30 | PSI for pen wedge HTO• Early experience | Vlad Predescu |
| 10:30 - 10:40 | Comparison between sever extra & intra – articular deformities in TKA using PSI | Mohamed Fawzi |
| 10:40 - 10:50 | Bilateral simultaneous TKA using PSI & Comparison with unilateral & conventional in 700 cases | Makram |
| 10:50 - 11:00 | Logistics of Hospital based PSI | Michael Yousef |
| 11:00 - 11:30 | Discussion | |

Session: Complications

| Time• 10 Min GMT +2 | Chairmen• Carlos Higuera / Ahmed Waly | Speakers |
|---------------------|--|-----------------------|
| 13:10 - 13:20 | Latest advances in PJI diagnosis | Carlos Higuera |
| 13:20 - 13:30 | What to do after a 2-stage failure• salvage, arthrodesis or amputation | Carlos Higuera |
| 13:30 - 13:40 | Pitfalls & errors in total hip Arthroplasty | Mohammed F. Al-Awlaqi |
| 13:40 - 13:50 | Management of Metallosis in THA | Carlos Higuera |
| 13:50 - 14:00 | Case Discussion | TBC |





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Session: Knee

| Time: 10 Min GMT +2 | Chairmen: Matthew P. Abdel / Gabriel Baron | Speakers |
|---------------------|--|------------------|
| 14:00 - 14:10 | Unicompartmental knee arthroplasty: Extended indications | Gabriel Baron |
| 14:10 - 14:20 | Lateral unicompartmental knee arthroplasty | Gabriel Baron |
| 14:20 - 14:30 | Extensor Mechanism Reconstruction with Marlex Mesh | Matthew P. Abdel |
| 14:30 - 14:40 | Flexion Instability after TKA: Diagnosis and Surgical Management | Matthew P. Abdel |
| 14:40 - 14:50 | TKR in Severe Deformities' | Parag Sancheti |
| 14:50 - 15:00 | Discussion | |

Session: Alternative to Arthroplasty

| Time: 10 Min GMT +2 | Chairmen: Sam Hakki / Bahaa Kornah | Speakers |
|---------------------|--|-----------------|
| 15:10 - 15:20 | Unicompartmental knee arthroplasty: Extended indications | Sam Morgan |
| 15:20 - 15:30 | Cell therapy for hip osteonecrosis | Nicolas Piuizzi |
| 15:30 - 15:40 | How to do osteotomy & when to do osteotomy | Sam Hakki |
| 15:40 - 16:00 | Discussion | |

| Time: GMT +2 | Closing Ceremony & Keynote Presentation | Speakers |
|---------------|---|--------------|
| 16:00 - 17:00 | "The Role of Technology in Solving the International Health-care Crisis"? | Wael Barsoum |



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Organizing Office in Charge

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