

1st Orthoplastic Limb Reconstruction Conference



The Egyptian Society of Plastic
and Reconstructive Surgeons (ESPRS)

In Collaboration With

The Association for the study & Application
of the Methods of Ilizarov (ASAMI)



15th -16th May 2017

Intercontinental Citystars Hotel, Cairo - Egypt

www.orthoplastic-egypt.com



Welcome Message

It gives me a great pleasure to welcome you to the first Orthoplastic limb reconstruction conference organized by the Egyptian society of plastic and reconstructive surgeons (ESPRS) in collaboration with The Association for the study & Application of the Methods of Ilizarov (ASAMI).

Road traffic accidents result in high incidence of complex injuries including open lower limb fractures. Many patients may receive suboptimal treatment if orthopedic and plastic surgeons do not work in a team at time of initial and definitive management. Resulting problems usually include difficulty or failure of bone coverage, fracture union problems, osteomyelitis, increased number of surgeries, prolonged hospital stay and resulting poor functional outcome.

This conference will highlight topics and areas of common interest between Orthopedic and Plastic surgeons as well as cases requiring joint input. This will represent a new approach to managing patients, improve teamwork efforts and eventually improve services provided to our patients.

Reconstructive microsurgery represents the gold standard for bone coverage in most open lower limb fractures. Obtaining good sustainable results depend on early proper teamwork intervention and that's why we thought about organizing this conference.

Orthoplastic approach has been established in the United Kingdom for many years with a great impact on services provided to patients and improving functional outcomes.

I would like to thank the ESPRS & ASAMI presidents and boards for supporting this conference.

Also I would like to thank our dear guest speakers, especially Mr Umraz Khan, who spent their precious time and effort to prepare for this conference and for sharing their experience in running orthoplastic services.

We are aiming to conclude this conference by taking steps towards setting national protocols and guidelines for managing open lower limb fractures.

I hope you will enjoy the scientific content delivered by our eminent guest and national speakers as well as the magnificent conference venue Intercontinental Citystars Hotel.

This conference will become a success only with your attendance and active input.

Prof. Fouad Gharib

A handwritten signature in blue ink that reads "Fouad Gharib". The signature is written in a cursive, flowing style.

President of the conference

■ **President of the Conference**

Prof. Fouad Gharib

■ **Honorary President of the Conference**

Prof. Hassan Badran

■ **Honorary Vice President of the Conference**

Prof. Fawzy Hamza

■ **Secretary of the Conference**

Dr. Ahmed Taalab

ESPRS Board	ASAMI Board
<p>President Prof. Helmy Shalaby</p> <p>Secretary Prof. Amr Magdy</p> <p>Treasurer Prof. Atef Emam</p> <p>Assistant Secretary Prof. Wael Sakr</p>	<p>President Prof. Hazem El-Tayeby</p> <p>Vice President Prof. Hesham El-Ashry</p> <p>Treasurer Prof. Mohammady Al-Gharib</p> <p>Scientific Coordinator Prof. Yasser El-Batrawy</p>

■ **Conference Board Members**

Alphabetical Order

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Hassan Kholousy	Tarek Elgammal
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Alphabetical Order

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Eman Labib	Mohamed Kadry	Wael Elshaer
Essam Taman	Mohamed Kotb	Wael Sakr
Ezz Eldin Eldolify	Mohamed Megahed	Yasser Elbatrawy
Fathy Khodair	Mohamed Osama Kotb	Yasser Elsafoury
Fawzy Hamza	Mohamed Salah	Yousef Saleh

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Alphabetical Order

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Asser Sallam	Mohamed Elnahas
Ayman Hilaly	Mohamed Elsabbahy
Ayman Noaman	Mohamed Osama
Bassem Mossaad	Yasser Youssef
Emad Badawy	

Guest Speakers



Umraz Khan

Mr. Khan is a Consultant plastic Surgeon for 15 years and currently head of the Plastic Surgery department at North Bristol NHS trust. He is member of BAPRAS council as well as member of SAC in Plastic Surgery and educational chair. He is leader in limb reconstruction and chair of specialist interest group in Orthoplastic surgery.

Mr Khan graduated from University College London in 1991. He went on to undertake general surgical training in Bath and Higher surgical training in plastic surgery on the London rotation. He undertook a trauma fellowship at Liverpool, Sydney Australia before taking up a consultant job at Charing Cross Hospital in London in 2002. He was program director for training in London prior to taking up a post in Bristol in 2006. He has published many papers on limb reconstruction and remains actively involved in this area of surgical research.

He is now an A/O faculty in the UK and visiting professor to the Allama Iqbal Medical School in Lahore.



Michael Kelly

Mr. Michael Kelly is a consultant orthopaedic surgeon at North Bristol NHS trust for 8 years and head of trauma service.

He graduated in 1995 from King's College, University of London

Mr Michael Kelly undertook his Orthopaedic training in Edinburgh with a fellowship in Vancouver specialising in trauma.

His practice is trauma and hip and knee arthroplasty. He also contributes to the Orthoplastic with Mr. Umraz Khan.

Research interests are trauma and complex fractures including open fractures and bone biology.

He is one of the founders of Orthopaedic trauma society (OTS) of Britain.



Thomas Chapman

Mr. Thomas Chapman is a consultant plastic surgeon at North Bristol NHS trust for 5 years with interest in lower limb reconstruction as well as sarcoma.

he attended Bristol University and graduated in 1998. He had additional training in the form of competitive fellowships in Nottingham, Bristol, London and Trieste (Italy) to study a variety of reconstructive techniques. He has won awards from the Royal College of Surgeons and British Association of Plastic, Reconstructive and Aesthetic Surgeons, and is fellows of both.

Mr Thomas Chapman is a member of the governing body of Bristol University.

With Mr Umraz Khan , he runs the orthoplastic service for lower limb trauma.



Mark Jackson

Mr. Mark Jackson is a consultant orthopaedic surgeon for over 20 years working at University Hospitals of Bristol and currently head of the department. He is specialised in lower limb trauma and reconstruction. He trained in Orthopaedic Surgery in Nottingham, Edinburgh and Bristol before taking up his current post as Consultant Orthopaedic surgeon in 1996. His special interests include the management of lower limb peri-articular fractures, foot fractures and the treatment of fracture complications. He has extensive experience in the use of the Taylor Spatial frame and Ilizarov techniques, helping to pioneer the combination of these with internal fixation. He continues to be heavily involved in medical education, initiating a number of post-graduate courses over the last 15 years and is currently the chairman of the AO Advanced Surgeons course.



Fergal Monsell

Mr. Fergal Monsell has been a consultant paediatric orthopaedic surgeon at the Royal Hospital for Children in Bristol of 12 years and currently head of the department. He worked in the same capacity at The Hospital for Sick Children, Great Ormond Street and The Royal National Orthopaedic Hospital, Stanmore between 1997 and 2005. He completed his higher surgical training at the University of Manchester and fellowship training at the Royal Alexandra Hospital for Children, Sydney.

He has a broad based practice with special interest in limb reconstruction surgery using a spectrum of contemporary techniques. He has a considerable experience in the management of patients with the skeletal consequences of septicaemia and contributes to a multi-disciplinary team specifically managing this patient group. He is active in all aspects of paediatric trauma and is widely published.

He has an active clinical and basic science research portfolio and received a Doctorate of Philosophy in 2010.

He is a past president of British Limb Reconstruction society.

15th

May 2017
Monday

Registration Time

08:00 – 06:00



16th

May 2017
Tuesday

Registration Time

09:00 – 11:00



15th

May 2017
Monday

Opening Ceremony

ESPRS and ASAMI Boards

09:00 – 09:30



Chairpersons

Prof. Fouad Ghareeb
Prof. Helmy Shalaby
Prof. Hazem Eltayeby
Prof. Amr Magdy
Mr. Umraz Khan

15th

May 2017
Monday

Session I

09:30 – 12:00



Chairpersons

Hassan Badran
Fawzy Hamza
Aly Elmofty
Khaled Makin
Nader El Melegy
Yousef Salah
Samia Saeed

- 09:30 – 09:45 History and development of extremity trauma care and classification
Umraz Khan (UK)
- 09:45 – 10:00 Surgical anatomy of the lower limb
Mohamed Salah (Beni Suef)
- 10:00 – 10:20 Acute management; Assessment and care including NPWT
Thomas Chapman (UK)
- 10:20 – 10:40 Compartment syndrome and the devascularised limb
Mark Jackson (UK)
- 10:40 – 11:00 Fracture patterns and how to anticipate the difficult case
Michael Kelly (UK)

- 11:00 – 11:15 Nerve injuries of the lower limb
Wael Ayad (Azhar)
- 11:15 – 11:30 Kasr Aini orthopedic department protocol for management of open leg fractures
Aly Elmofty (Kasr Al Aini)
- 11:30 – 11:45 Firearm injuries and blast injuries; Helmeya Military hospital experience
Atef Emam (Helmeya Military Hospital)
- 11:45 – 12:00 Discussion



Coffee Break

12:00 – 12:30

15th

May 2017
Monday

Session II

12:30 – 03:30



Chairpersons

Mohamed Kadry
Hussein Saber
Ahmed Elsharkawy
Hany Hefny
Ikram Seif
Tarek Kishk
Mahmoud Abdelkarim

- 12:30 – 12:45 Timelines in severe limb trauma including polytrauma
Michael Kelly (UK)
- 12:45 – 01:00 Open peri-Articular injuries including foot injuries
Umraz Khan (UK)
- 01:00 – 01:15 Assessing bone viability; What to keep and what to throw away
Mark Jackson (UK)
- 01:15 – 01:30 Paediatric considerations
Fergal Monsell (UK)
- 01:30 – 01:45 Amputation versus salvage decision making
Michael Kelly (UK)

- 01:45 – 02:00 Amputation surgery
Michael Kelly (UK)
- 02:00 – 02:15 Limb salvage, the Egyptian experience
Wael Ayad (Azhar)
- 02:15 – 02:30 Controversies in definitive fixation
Mahmoud Abdelkarim (Kasr Al Aini)
- 02:30 – 02:45 Cases for ring fixators and internal fixation
Mark Jackson (UK)
- 02:45 – 03:00 Soft tissue reconstruction; Cases for fasciocutaneous flaps and for muscle flaps
Thomas Chapman (UK)
- 03:00 – 03:15 Perforator flap concept for leg and foot reconstruction
Ahmed Elsharkawy (Kasr Al Aini)
- 03:15 – 03:30 Discussion



Lunch

03:30 – 04:30

15th

May 2017
Monday

Session III

04:30 – 07:00



Chairpersons

Alaa Gheita
Mostafa Hemeda
Atef Emam
Moataz Fouad
Ayman Ebeid
Wael Sakr
Ashraf Abou Elfotouh

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|---------------|---|
| 04:30 – 04:50 | The insufficiency open lower limb fractures
Umraz Khan (UK) |
| 04:50 – 05:10 | Strategies for acute bone loss and Limb length Discrepancy
Fergal Monsell (UK) |
| 05:10 – 05:25 | Management of bone loss, Ain Shams experience
Hany Hefny (Ain Shams)
Moataz Fouad (Ain Shams)
Mahmoud Mahran (Ain Shams) |
| 05:25 – 05:45 | Fracture non union
Mark Jackson (UK) |

05:45 – 06:00 Infected non union
Ayman Ebeid (Menoufia)

06:00 – 07:00 Clinical cases discussion

UK panel:

Umraz Khan
Thomas Chapman
Mark Jackson
Michael Kelly
Fergal Monsell

Egyptian Panel:

Ahmed Elsharkawy
Rafaat Gohar
Raafat Anany
Iman Labib
Wael Ayad
Sherif Amin
Nasser Ghazlan
Magdy El Deghedy
Ayman Ebeid
Tarek Amer
Mahmoud Fayed
Mohamed Ellabban

16th

May 2017
Tuesday

Session I

09:00 – 12:30



Chairpersons

Ayman Abo Elmakarem
Raafat Anany
Sheref Zamer
Magdy Nabil
Tarek Amer
Yasser Elbatrawy
Mahmoud Mahran
Mohamed Megahed

09:00 – 09:20	Strategies when things go wrong Michael Kelly (UK)
09:20 – 09:40	Chronic osteomyelitis; Management of infected Bone Mark Jackson (UK)
09:40 – 10:00	Chronic osteomyelitis; Soft tissue management Umraz Khan (UK)
10:00 – 10:20	Diabetic foot disease Umraz Khan (UK)
10:20 – 10:40	Prosthetic joint infection Umraz Khan (UK)

16th

May 2017
Tuesday

Session II

Orthoplastic Free Papers

01:00 – 03:05



Chairpersons

Mohamed Sobhi Zaki
Wael Ayad
Hesham Elashry
Mahmoud Fayed
Umraz Khan
Michael Kelly

- 01:00 – 01:09 Current concepts of orthoplastic surgery
Mohamed Sobhi Zaki (Kasr Al Aini)
- 01:09 – 01:18 A leg island fasciocutaneous flap renamed
Ahmed Khashaba (Zagazig)
- 01:18 – 01:27 Septocutaneous perforator flaps in reconstruction of lower leg soft tissue defects
Helmy Shalaby (Tanta)
- 01:27 – 01:36 Microvascular reconstruction of thigh defects
Ayman Abuelmakarem Shaker (Ain Shams)
- 01:36 – 01:45 Cross leg free flaps for salvage of massively Traumatized limb
Ayman Abuelmakarem Shaker (Ain Shams)

- 01:45 – 01:54 Propeller perforator flaps in reconstruction of compound leg and foot defects
Saad Elfayoumy (Ain Shams)
- 01:54 – 02:03 The role of negative pressure dressing in management of leg soft tissue defects
Atef Emam (Helmeya Military Hospital)
- 02:03 – 02:12 Weight bearing foot reconstruction with free
Latissimus dorsi flap; Longterm clinical results and histological changes
Raafat Anani (Zagazig)
- 02:12 – 02:21 Orthopedic methods of closure of skin defects
Hesham Elashry (Helmeya Military Hospital)
- 02:21 – 02:30 The mangled foot and ankle: Guidelines for microvascular reconstruction
Amr Elsayed (Assiut)
- 02:30 – 02:39 Reconstruction of posttraumatic bone defects of the lower limb by vascularized bone
flaps (20 years experience)
Amr Elsayed (Assiut)
- 02:39 – 02:48 Involucrum manipulation for reconstruction after femoral osteomyelitis
Mahmoud Mahran (Ain Shams)
- 02:48 – 02:57 Reversed sural flap vs perforator flaps in distal leg and foot reconstruction
Mohamed Ellabban (Suez Canal)
- 02:57 – 03:06 Lizarov method in treatment of open floating knee
Nabil Elmoghazy (Mansoura)

- 03:06 – 03:15 Different modalities for soft tissue cover in post traumatic lower limb defects: An algorithmic approach from our practice
Ahmed Hweidi (Ain Shams)
- 03:15 – 03:24 Recent advances in prosthetic limbs in Egypt
Ahmed Sherif (Ain Shams)
- 03:24 – 03:35 Discussion



Lunch

03:35 – 04:30

16th

May 2017
Tuesday

Session III

Orthoplastic Free Papers

04:30 – 07:00



Chairpersons

Saad Elfayoumy
Hashem Aiyad
Ahmed Khashaba
Tarek Mahgoub
Thomas Chapman
Mark Jackson
Amr Elsayed

- 04:30 – 04:39 Reconstruction of sole defects
Khaled Makeen (Kasr Al Aini)
Fouad Ghareeb (Menoufia)
- 04:39 – 04:48 Microsurgical reconstruction of the lower limb following tumor excision
Tarek Elgammal (Assiut)
- 04:48 – 04:57 Soft tissue reconstruction of knee and leg defects
Wael Ayad (Azhar)
- 04:57 – 05:06 Cross leg Ilizarov: Method for limb salvage in combined bone and soft tissue defects
Mahmoud Fayed (Ain Shams)

- 05:06 – 05:15 Management of combined bone and soft tissue defects using modified Ilizarov technique
Mahmoud Fayed (Ain Shams)
- 05:15 – 05:24 Bipedicled flap in reconstruction of exposed Tibia
Abdou Darwish (Minia)
- 05:24 – 05:33 Microsurgical flap reconstruction of leg and foot Defects
Yehia Zakareya (Zagazig)
- 05:33 – 05:42 Extended splitted distally based peroneus brevis muscle flap for large leg, Ankle and foot coverage Anatomical finding and clinical application
Magdy Abdelkareem (Azhar)
- 05:42 – 05:51 Mangment of 3rd degree Gustilo open fracture using circular frame
Ibrahim Abuomira (Azhar)
- 05:51 – 06:00 Medial head gastrocnemius muscle for coverage of knee and upper tibial defects
Tarek Elmenoufy (Helmeya Military Hospital)
- 06:00 – 06:09 Leg Reconstruction by Ilizarov
Osman Abd ullah Mohamed (Azhar- Damietta)
- 06:09 – 06:18 End to side neurotization and vascularization of Sensate Free Perforator Flap for Foot Reconstruction in Children
Mohammed El Fahar (Mansoura)
- 06:18 – 06:27 Team work Management utilizing different Modalities for lower limb Salvage
Mohamed Ahmed Amin Saleh (Ain Shams)
- 06:27 – 06:36 Orthoplastic surgery in the reconstruction of post traumatic ankle and foot deformity
Abdlrahman Baiz Abdrahman (Iraq)

Alecare



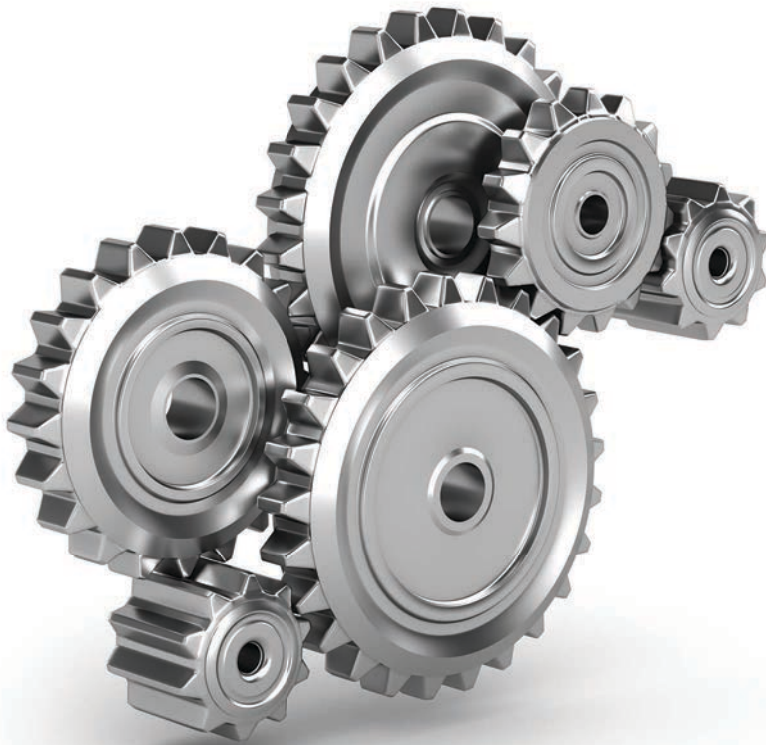
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IN
TEAMWORK,
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