

Curriculum Vitae

Hisham Sameh Shalaby

MD, FRCS Ed (Tr & Orth)

Consultant Orthopaedic Foot & Ankle Surgeon

January 2024

PERSONAL DETAILS:

Name: **Hisham Sameh Shalaby**

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CURRENT PRACTICE:

UK NATIONAL HEALTH SERVICE (NHS):

Consultant in Trauma & Orthopaedics

Special interest in Foot and Ankle Surgery & Limb Reconstruction Surgery
Edinburgh Royal Infirmary and St John's Hospital Livingston
NHS Lothian, Edinburgh, Scotland

UK PRIVATE PRACTICE:

Consultant in Trauma & Orthopaedics

Special interest in Foot and Ankle Surgery & Limb Reconstruction Surgery
Spire Murrayfield Hospital – Edinburgh
The Edinburgh Clinic – Edinburgh

POST GRADUATE QUALIFICATIONS:

- ◆ Intercollegiate Specialty Boards Exam in Trauma and Orthopaedic Surgery (FRCS Tr & Orth), Nottingham, UK, November 2006.
- ◆ MD in Orthopaedic and Trauma Surgery (MD Orth)
Ain Shams University, Cairo, Egypt, May 2006.
The exit exam of the Higher Surgical Training in Orthopaedics and Trauma Surgery in Egypt.
- ◆ MD Thesis in Orthopaedics (PhD)
Ain Shams University, Cairo, Egypt, May 2005.
A PhD degree granted after successfully defending an original research project that runs over a minimum of 2 years.
- ◆ M.Sc. in Orthopaedic and Trauma Surgery
Ain Shams University, Cairo, Egypt, May 2001.

PRIMARY MEDICAL QUALIFICATION:

- ◆ M.B., B.Ch. Faculty of Medicine, Ain Shams University, Cairo, Egypt,
December 1996.

POSTS HELD:

<u>Consultant Foot and Ankle & Limb Reconstruction Surgeon</u> Edinburgh Royal Infirmary & St John's Hospital, Edinburgh, Scotland	April 2009 till now
<u>Lecturer</u> (Consultant) in Orthopaedic and Trauma Surgery, Ain Shams University Teaching Hospitals, Cairo	September 2007 to April 2009
<u>Assistant Lecturer</u> (Senior Registrar) in Orthopaedic and Trauma Surgery, Ain Shams University Teaching Hospitals, Cairo	May 2007 to September 2007
<u>AO Trauma Fellow</u> Queen's Medical Hospital, Nottingham, England	April 2007 to May 2007
<u>Ilizarov and Limb Reconstruction Fellow</u> Royal Liverpool and Alder Hey Children's Hospital, Liverpool, England	January 2007 to March 2007
<u>Specialist Registrar</u> (Fixed Term Training Appointment) in Orthopaedic and Trauma Surgery, Edinburgh Royal Infirmary & Royal Hospital for Sick Children, Edinburgh, Scotland	November 2004 to November 2006
Approved as Year 4 & 5 of my Higher Surgical Training by the SAC & the JCHST.	
<u>Experienced Senior House Officer</u> in Orthopaedic and Trauma Surgery, Bronglais General Hospital, Aberystwyth, Wales	December 2003 to October 2004
<u>Assistant Lecturer</u> (Senior Registrar) in Orthopaedic and Trauma Surgery, Ain Shams University Teaching Hospitals, Cairo	March 2002 to November 2003
<u>Senior Resident</u> (Registrar) in Orthopaedic and Trauma Surgery, Ain Shams University Teaching Hospitals, Cairo	November 2000 to January 2002
<u>Resident</u> (Senior House Officer) in Orthopaedic and Trauma Surgery, Ain Shams University Teaching Hospitals, Cairo	November 1998 To October 2000
<u>House Officer</u> in General Practice Training, National Service, Ministry of Health, Egypt	March 1998 to October 1998
<u>Intern</u> (Pre-Registration House Officer) Ain Shams University Teaching Hospitals, Cairo	March 1997 to February 1998

DETAILS OF POSTGRADUATE TRAINING:I. Basic Surgical Training

1. Ain Shams University Teaching Hospitals, Cairo, Egypt:
(<http://www.asunet.shams.eun.eg/hospitals.htm>)

My progress has included the following placements:

- Rotating Intern: (Pre-Registration House Officer)
March 1997 to February 1998 (1 year)
Under supervision of the Professor Head of the department in each specialty
Two-month period spent in each specialty that included Internal Medicine, General Surgery, Orthopaedic and Trauma Surgery, Obstetrics & Gynaecology, Paediatrics, Accident and Emergency, Anaesthesia & Intensive care unit (ICU).
- Resident (1st On-call): (Senior House Officer)
November 1998 to October 2000 (2 years)

Training Supervisor	Specialty / Subspecialty	Duration
Prof. N El-Mehairy	General Surgery	6 month
Prof. N El-Saied	Accident & Emergency	6 month
Prof. H El-Zaher	Hip, Arthroplasty & Trauma Surgery	4 month
Prof. A El-Sobki	Arthroplasty, Revision & Trauma Surgery	4 month
Prof. O Shata	Hand, Microvascular, Arthroscopy & Trauma Surgery	4 month

During this post, I was first on-call one night in 2 and I was a member of the trauma team. My weekly timetable included 2 to 3 ward rounds, 2 to 3 outpatient clinics, 1 ½ to 2 full day operative lists, half a day formal teaching and half a day for research.

2. Bronglais General Hospital, Aberystwyth, Wales, UK:
(<http://www.ceredigion-tr.wales.nhs.uk/>)

- Experienced Senior House Officer (Orthopaedic and Trauma Surgery)
December 2003 to October 2004 (11 months)

Training Supervisor	Specialty / Subspecialty
Mr. AD Meredith	Arthroplasty, Arthroscopy, Hand & Trauma Surgery
Dr. Med. W Spaeth	Arthroplasty, Arthroscopy, Shoulder & Trauma
Dr. SK Tandon	Arthroplasty, Foot & Ankle & Trauma Surgery

During this post, I was first on-call one night in 4 and I was a member of the trauma team. My weekly timetable included 2 grand rounds, a daily ward round, 1 to 2 full day lists. This post was meant to be an introduction to the health care system in the UK.

II. Higher Surgical Training

I spent the first 3 years of my higher surgical training in Ain Shams University, Cairo Egypt. In September 2003, the University granted me a prospectively approved study and training leave to the United Kingdom in order to continue my higher surgical training in Orthopaedic and Trauma Surgery. My progress in the United Kingdom was closely monitored and reported regularly to the Education and Culture Bureau at the Embassy of the Arab Republic of Egypt in London, which in turn send reports to the Department of Orthopaedic and Trauma Surgery, the Faculty of Medicine

and the Postgraduate Training Committee at Ain Shams University, Cairo, Egypt. The Head of the Department of Orthopaedic and Trauma Surgery and the Dean of the Faculty of Medicine, Ain Shams University have approved my posts in the United Kingdom as an integral part of my Higher Surgical Training Programme in Orthopaedic and Trauma Surgery.

1. Ain Shams University Teaching Hospitals, Cairo, Egypt:

(<http://net.shams.edu.eg/Hospitals.asp>)

- Resident (2nd On-call): (Registrar)
November 2000 to January 2002 (1 year & 3 months)

Training Supervisor	Specialty / Subspecialty	Duration
Prof. A Arafa	Spine & Trauma Surgery	4 month
Prof. R Sadek	Orthopaedic Tumour Surgery, Foot & Ankle Surgery	4 month
Prof. T El-Husseini	Arthroscopy, Arthroplasty & Trauma	4 month
Prof. E Kamel	Knee, Shoulder, Arthroscopy & Trauma	3 month

During this post, I was second on-call one night in 3 and I was a member of the trauma team. My weekly timetable included 2 to 3 ward rounds, 2 to 3 outpatient clinics, 1 ½ to 2 full day operative lists, half a day formal teaching and half a day for research, beside administrative duties.

- Assistant Lecturer: (Senior Registrar)
March 2002 to November 2003 (1 year and 9 months) then
May 2007 to September 2007 (5 month)

Training Supervisor	Specialty / Subspecialty	Duration
Prof. MA Wafa	Spine & Trauma Surgery	2 month
Prof. MN Khalifa	Paediatric Ortho., Limb Recon. & Trauma Surgery	6 month
Prof. AE Rady	Arthroplasty, Revision & Trauma Surgery	6 month
Prof. H Hefny	Limb Recon., Paediatric Ortho. & Trauma	7 month
Prof. R Sadek Prof. H Hefny	Limb Recon., Paediatric Ortho., Foot & Ankle Surgery & Trauma Surgery	5 month

During this post, I was second on-call one night in 4 and I was a member of the trauma team. My weekly timetable included 2 to 3 ward rounds, 2 to 3 outpatient clinics, 1 ½ to 2 full day operative lists, half a day formal teaching and half a day for research. I also had administrative and teaching duties

2. Royal Infirmary, Edinburgh, Scotland, UK:

(<http://www.trauma.co.uk>)

- Specialist Registrar (Orthopaedic & Trauma Surgery)
(FTTA) FTN: SEC/C8/105/F South East Scotland Rotation
November 2004 to October 2006 (2 year)

Training Supervisor	Specialty / Subspecialty	Duration
Mr. Gary Keenan	Trauma & Limb Reconstruction Surg.	6 month
Mr. C M Robinson	Trauma & Shoulder Surgery	3 month
Mr. Sam Patton	Iry & revision hip & knee arthroplasty and Orthopaedic Tumour surgery	6 month

Prof. Hamish Simpson	Limb Reconstruction Surg. & Orthopaedic infections	
Ms. Julie McBurnie	Shoulder & Knee arthroscopy, upper limb & sports medicine	3 month
Mr. Richard Nutton	Knee and Shoulder soft tissue surgery and 1ry & revision knee arthroplasty	
Mr. Michel McMaster	Scottish National Spine Service	3 month
Mr. Thanos Tsirikos		
Mr. Justin Lade	1ry & revision hip & knee arthroplasty	3 month

During this post, I was second on-call for trauma one night in seven. The post included a well constructed rotation on different orthopaedic subspecialties. My duties included conducting 2 to 3 trauma and specialist clinics, daily ward rounds, dedicated trauma lists, 1 to 2 full day elective theatre lists, supervising junior staff, besides administrative duties.

The Specialist Advisory Committee (SAC) in Trauma & Orthopaedics and the Joint Committee on Higher Surgical Training (JCHST) have approved my year of entry to the Higher Surgical Training in the UK as year 4 after approving my higher surgical training in Egypt.

3. Royal Liverpool Hospital, Liverpool, England, UK:

(<http://www.rlbuht.nhs.uk/>)

- Ilizarov and Limb reconstruction Fellow

January 2007 to March 2007 (3 months)

Training Supervisor	Specialty / Subspecialty	Duration
Mr. Durai Nayagam	Limb Reconstruction Surgery	3 month
Mr. Badri Narayan	(Adult & Paediatric)	

The limb reconstruction unit in Liverpool is a very well organised specialized unit that deals with tertiary referrals of patients with complex post-traumatic, neurological and congenital problems of the upper and lower limbs. This fellowship involved extensive hands-on experience in limb reconstruction, foot and ankle deformities and post-trauma complications. I gained in-depth experience in preoperative planning and post-operative management of limb reconstruction surgery.

My weekly timetable included daily ward rounds, 3 outpatient clinics, 2 full day operative lists, half a day for research.

4. Queen's Medical Centre, Nottingham, England, UK:

(<http://www.qmc.nhs.uk>)

- AO Trauma Fellow

April 2007 to May 2007

Training Supervisor	Specialty / Subspecialty	Duration
Mr. Paul Szypryt	Trauma Surgery & Arthroplasty	2 month

The QMC is a major trauma unit with an international reputation for high standards of service. The AO trauma fellowship was an excellent opportunity to integrate within the unit and gain exposure to a variety of applications of the AO principles.

My weekly timetable included daily ward rounds, 2 outpatient clinics, 3 full day operative lists, half a day for research.

DETAILS OF CONSULTANT POSTS:1. Ain Shams University Teaching Hospitals, Cairo, Egypt:

- Lecturer: (Consultant)
May 2007 to April 2009 (1 year and 6 months)

Clinical Directors	Specialty / Subspecialty	Duration
Prof. R Sadek	Limb Recon., Paediatric Ortho., Foot & Ankle Surgery & Trauma Surgery	18 month

This is a consultant level post, in which I take full responsibility for independent management of patients under my care. The on-call commitment is one night in 4 for trauma. My weekly timetable included 2 ward rounds, 3 outpatient clinics (1 fracture clinic and 2 specialty clinics), 2 full day operative lists, half a day formal teaching and half a day for research. I also have administrative duties and I am responsible for formal teaching for under and postgraduate students and nursing staff.

2. Royal Infirmary, Edinburgh, Scotland, UK:

- Locum Consultant
April 2009 to October 2010 (1 year and 6 months) then
- Substantive Consultant
October 2010 till now

Clinical Director	Specialty / Subspecialty	Duration
Mr. Gavin McPhesarson	Foot & Ankle Surgery / Limb Reconstruction	13 years

In my current post I provide tertiary level, specialised Foot and Ankle service for Lothian at Edinburgh Royal Infirmary and St John's Hospital Livingston.

My practice covers the entire spectrum of adult Foot and Ankle surgery and limb reconstruction.

My weekly activities include 3 fixed operating sessions, 1 preadmission clinic, 2 out-patient clinics for new and review patients and administration work associated with the post.

I regularly undertake conservative management and surgical treatments of foot and ankle problems including hallux valgus and hallux rigidus surgery, 5th ray surgery, forefoot reconstruction, mid and hind foot fusions and osteotomies, ankle arthroscopy, arthroplasty and fusions, surgery for ankle instability, soft tissue foot and ankle problems, as well as the use of circular frames for complex deformities.

I also receive referrals for post-traumatic foot & ankle complications as well as for rheumatoid foot & ankle pathologies.

CLINICAL EXPERIENCE:(I) General Orthopaedics:

As a trainee a significant proportion of my training involved general orthopaedic work.

(II) Trauma:

- Trauma surgery was always an integral part of my orthopaedic training. I worked and trained in one of the busiest trauma centres in Egypt (Ain Shams University) and two of the best trauma centres in the UK (Edinburgh Royal Infirmary and Queens Medical Centre Nottingham). This allowed me to be confident with any major or complex

trauma case, including paediatric trauma, complex peri-articular fractures, hand and foot injuries, and hind foot and Os Calcis trauma.

- I have also developed a special interest in Limb reconstruction and Management of post-trauma complications. Having worked at 2 major limb reconstruction centres (Ain Shams University and Edinburgh Royal Infirmary) and finished an advanced Ilizarov and limb reconstruction fellowship in Liverpool, I gained a wide experience in the Ilizarov technique. I became confident with clinical assessment, decision making, frame constructions, patients' follow up, postoperative frame adjustments and evaluation of the outcome of Ilizarov surgeries.
- I am currently working independently with the full spectrum of limb lengthening and reconstruction implants including the Ilizarov frame and the Taylor Spatial Frame.

(III) Subspecialty Interest:

- **Foot and Ankle Surgery:**

I developed this special interest over the years of my training. I successfully finished a PhD thesis on "Correction of Complex Foot & Ankle Deformities in Adults", which allowed me to expand my knowledge in Foot and Ankle biomechanics, the gait cycle, the different pathologies that may affect this area and the different treatment modalities. I was extensively involved in the surgical management of complex post-traumatic and neuromuscular deformities, neglected and recurrent congenital cases, post-burn contractures and rheumatoid foot and ankle pathologies.

In my current post, I manage the full spectrum of Foot and Ankle pathologies, including forefoot reconstruction as Scarf and Akin osteotomies, Lapidus procedure, 1st MTPJ fusion and replacement, toe deformity corrections, Weil osteotomy, Morton neuroma excision, as well as Ankle, Hind & Midfoot reconstruction as subtalar and triple fusions, calcaneal osteotomies, tibialis posterior reconstruction, calcaneoplasty, planter fascia surgery, ankle fusion, ankle arthroscopy and replacement, and ankle instability surgery. I also manage the rheumatoid foot, and I master the use of circular frames for complex foot deformities.

I have a major interest in Total Ankle replacement, Ankle Arthritis in young patients, Complex ankle sports injuries and reconstruction of cartilage defect in the ankle joint.

- **Limb reconstruction surgery:**

This includes reconstruction of large bony defects, management of bone infections, infected non-unions, malunions, orthopaedic tumour surgery and post-resection reconstructions, limb lengthening surgery, deformity correction and complex congenital deformities as fibular & tibial hemimelias, Tibia Vara, recurrent TEV and others.

I enjoy preoperative planning for these complex cases.

REGISTRATION:

British General Medical Council

- Full Registration No. 6088822
- With Licence to Practice
- Specialist Register in Trauma & Orthopaedics

Egyptian Medical Syndicate

- Full Registration No. 127477
- With Licence to Practice
- Consultant Registry in Tr & Orth No. 541

PROFESSIONAL MEMBERSHIPS:

- ◆ Royal Collage of Surgeons of Edinburgh (RCS Ed) www.rcsed.ac.uk
- ◆ British Orthopaedic Association (BOA) www.boa.ac.uk
- ◆ British Orthopaedic Foot & Ankle Society (BOFAS) www.bofas.org.uk
- ◆ British Limb Reconstruction Society (BLRS) www.blrs.org.uk
- ◆ The World Orthopaedic Organisation (SICOT) www.sicot.org
- ◆ British Medical Association (BMA) www.bma.org.uk
- ◆ Egyptian Orthopaedic Association (EOA) www.eoa.org.eg

MANAGERIAL & ACADEMIC ROLES:

- ◆ Past President of Foot & Ankle Scotland Society (FASt) www.footanklescotland.com
- ◆ Specialist advisor to NICE (National Institute for Clinical Excellence) www.nice.org.uk
- ◆ External Examiner at Queen Margaret University www.qmu.ac.uk
- ◆ Expert Medical Witness for Personal injury and Medical Negligence cases
- ◆ I am a reviewer for several International Orthopaedic Journals including:
 - The Bone & Joint Journal
 - The Foot
 - Foot & Ankle International
 - Strategies for Trauma & Limb reconstruction
- ◆ Consultant (International Speaker's Bureau) for:
 - Stryker (Wright Medical)
 - Joint Operations
 - Integra

PUBLICATIONS:

- ***Two to Five-Year Outcomes of Total Ankle Arthroplasty with the Infinity Fixed-Bearing Implant: A Concise Follow-up of a Previous Report.*** J Bone Joint Surg Am, December 2023.
- ***Early experience and complications of 503 INFINITY Total Ankle Replacements - A multicentre, prospective study.*** Bone Joint Journal, July 2021.
- ***MIS Distal Metatarsal Metaphyseal Osteotomy in the treatment of Metatarsalgia: MOXFQ patient reported outcomes.*** The Foot, June 2020.
- ***Outcomes following excision of Morton's interdigital neuroma: a prospective study.*** Bone Joint Journal, October 2016.
- ***Metallic hemiarthroplasty for the treatment of end-stage hallux rigidus: mid-term implant survival, functional outcome and cost analysis.*** Bone Joint Journal. July 2016.
- ***Function Following Surgical Excision of Interdigital Morton's Neuroma.*** Orthopaedic Proceedings. December 2015 97-B: 27-27
- ***Metallic Hemiarthroplasty for The Treatment Of End-Stage Hallux Rigidus: Functional Outcome.*** Orthopaedic Proceedings. December 2015 97-B: 25-25
- ***Clinical, Radiological and Functional Outcomes After Gradual Correction Of Stiff Equino-Cavo-Varus Deformity With The V-Osteotomy And The Ilizarov Technique.*** Orthopaedic Proceedings. April 2013 95-B: 5-5
- ***Ankle Distraction for Post-Traumatic Ankle Arthritis In Young Adults: A Prospective Study With Functional Outcomes.*** Orthopaedic Proceedings. April 2013 95-B: 2-2
- ***Reconstruction for Osteomyelitis Of The Forearm By Staged Free Vascularised Fibular Transfer.*** Orthopaedic Proceedings. July 2011 93-B: 315-315
- ***A safer technique for the double elevation osteotomy in severe infantile tibia vara.*** Strategies Trauma Limb Recon, August 2010.
- ***Femoral lengthening with the Intramedullary Skeletal Kinetic Distractor.*** J Bone Joint Surg Br., October 2009.

- **Cryosurgery and Impaction Subchondral Bone Graft for the Treatment of Giant Cell Tumor around the Knee.** HSS J., September 2009.
- **Reimplantation of the resected tumour-bearing segment after recycling using liquid nitrogen for osteosarcoma.** Int. Orthop., April 2009.
- **Correction of Complex Foot Deformities using the V-osteotomy and the Ilizarov technique.** Strategies Trauma Limb Recon, April 2007.
- **Limb Salvage for Osteosarcoma of the distal Tibia with Resection Arthrodesis, Autogenous Fibular Graft and Ilizarov External Fixator.** J. Bone Joint Surg. Br., December 2006.
- **Microcurrent skin patches for postoperative pain control in total knee arthroplasty: A pilot study.** Int. Orthop., August 2006.
- **Retrograde femoral nailing in elderly patients with supracondylar fracture femur; is it the answer for a clinical problem?** Int. Orthop., May 2006.
- **A New Double Elevating Osteotomy for Management of Severe Infantile Tibia Vara using the Ilizarov Technique.** J. Pediatr. Orthop., March 2006.
- **Ankle Joint Reconstruction In Fibular Hemimelia In Conjunction With The Ilizarov Technique.** Orthopaedic Proceedings. March 2006 88-B: 125-125
- **Reconstruction Of Fibular Hemimelia.** Orthopaedic Proceedings. September 2005 87-B: 396-396
- **Digital imaging in the OR.** AO Dialogue, October 2005.
- **Correction of Complex Foot and Ankle Deformities in Adults using the Ilizarov External Fixator,** May 2005, MD thesis.

PRESENTATIONS:

- **Medium to Long Term Results of Ankle Distraction in Severe Osteoarthritis in Young Adults.** 43rd Orthopaedic World Congress (SICOT), Cairo, November 2023.
- **Are the tides changing for the Ankle, from Fusion to Replacement.** 43rd Orthopaedic World Congress (SICOT), Cairo, November 2023.
- **Autologous Matrix Induced Chondrogenesis (AMIC) using the Mini-Open Technique for Talar Osteochondral Lesions.** 43rd Orthopaedic World Congress (SICOT), Cairo, November 2023.
- **The Minimally Invasive V-Osteotomy in correction of complex foot deformities.** 43rd Orthopaedic World Congress (SICOT), Cairo, November 2023.
- **Outcome of 503 Fixed Bearing Total Ankle Arthroplasty. a multicenter, prospective study.** 43rd Orthopaedic World Congress (SICOT), Cairo, November 2023.
- **Complications of Talar OCD Autologous Matrix Induced Chondrogenesis.** EGYFAS International Conference, Cairo, November 2023.
- **Development of a Comprehensive 23-hr day bed F&A service. Insights from the last 14 years:** WOSFAS meeting, Glasgow, June 2023.
- **AMIC Talus, A decade's journey with the Mini Open Technique:** AMIC Rock Star Meeting, Edinburgh, May 2023.
- **Applications of Minimally Invasive Surgery in the Foot & Ankle:** 2nd Annual Minimally Invasive Surgery Conference, London, March 2023.
- **Foot & Ankle common problems:** Spire GP Teaching Webinar, Virtual, October 2022.
- **Arthritis in the young patient: Treatment options: Distraction osteogenesis for arthritis,** The 9th Annual Meeting of the International Hybrid Congress of Joint Reconstruction “Middle East” (ICJR ME), Dubai, UAE, March 2022.
- **Principles of the CORA,** Adult & Paediatric deformity correction course, Dunblane, Scotland, October 2021.
- **Management of Neuromuscular Foot & Ankle conditions,** The Foot & Ankle Show Digital, Virtual, April 2021.
- **Pilon Fractures – Management with Ring Fixators,** Ain Shams University Case discussion meeting, Cairo, Egypt, December 2020.
- **Applications of Circular Frames in the Foot & Ankle,** Benha LRS Online Review Course, Benha, Egypt, October 2020.

- **The A'La Carte Surgical correction of Cavus deformity**, 16th International Deformity Correction Congress, Cairo, Egypt, *October 2020*.
- **The high and the low Arch**, Spire patient education Webinar, Edinburgh, Scotland, *March 2020*.
- **Surgical technique of the In-Bone Total Ankle**, Wright Lab TAR course, Augsburg, Germany, *February 2020*.
- **Total Ankle Replacement complex scenarios**, Wright Lab TAR course, Augsburg, Germany, *February 2020*.
- **The Infinity Prophecy TAR**, Wright Lab TAR course, Augsburg, Germany, *February 2020*.
- **TAR preoperative planning**, Wright Lab TAR course, Augsburg, Germany, *February 2020*.
- **Rehabilitation following Total Ankle Replacement**, Wright Lab TAR course, Augsburg, Germany, *February 2020*.
- **Surgical technique of Total Ankle Replacement**, Wright Lab TAR course, Augsburg, Germany, *February 2020*.
- **My experience with Total Ankle Replacement**, Wright Lab TAR course, Augsburg, Germany, *February 2020*.
- **Circular Frame Treatment: When it goes wrong**, Fundamentals of Ilizarov, Glasgow, Scotland, *January 2020*.
- **Deformity Correction Planning**, Adult & Paediatric Deformity Correction Course, Crieff, Scotland, *October 2019*.
- **Surgery for Insertional Achilles Tendinopathy**, Foot & Ankle Scotland Annual Meeting, *September 2019*.
- **Failed AMIC, Assessment and treatment options**, RockStar Foot & Ankle Congress, Bristol, UK, *September 2019*.
- **Where does Cartilage & AMIC fit in my practice**, RockStar Foot & Ankle Congress, Bristol, UK, *September 2019*.
- **A 3-stage ankle distraction protocol for Ankle Arthritis in young adults**, 4th Combined Congress of the ASAMI-BR and ILLRS societies, Liverpool, UK, *August 2019*.
- **Ankle arthritis – the decision making**, Ankle Replacement Cadaver course, Sharja, UAE, *December 2018*.
- **Total Ankle Replacement – Complications and Rehabilitation**, Ankle Replacement Cadaver course, Sharja, UAE, *December 2018*.
- **How Minimally Invasive Surgery changed Foot & Ankle practice**, Ankle Replacement Cadaver course, Sharja, UAE, *December 2018*.
- **Foot and Ankle update**, Foot & Ankle Advanced Cadaver course, Sharja, UAE, *October 2018*.
- **Osteotomies for Ankle Osteoarthritis** 10th Foot & Ankle Scotland Meeting (FAST), Glasgow, Scotland, *September 2018*.
- **Deformity planning and the Corticotomy Rules**, Deformity Correction Course for FRSC Orth, Dumblane, Scotland, *October 2017*.
- **Inflammatory Foot Arthritis – Complex case discussion**, 9th Foot & Ankle Scotland Meeting (FAST), Edinburgh, Scotland, *September 2017*.
- **The surgical options for the Flat foot**, 8th Foot & Ankle Scotland Meeting (FAST), Glasgow, Scotland, *September 2016*.
- **The Corticotomy**: Deformity Correction Course for FRSC Orth, Dumblane, Scotland, *October 2015*.
- **Autologous Matix Induced Chondrogenesis (AMIC)**: 7th Foot & Ankle Scotland Meeting, *September 2015*.
- **Foot & Ankle Tendinopathy in Sports**: 3rd Middle East Sports Medicine conference, Abu Dhabi, UAE, *October 2014*.
- **Total Ankle Replacement**: 1st Middle East Foot & Ankle surgical course, Dubai, UAE, *September 2014*.
- **Hallux Valgus**: 1st Middle East Foot & Ankle surgical course, Dubai, UAE, *September 2014*.
- **Autologous Matrix Induced Chondrogenesis**: 6th FASt meeting, Glasgow, Scotland, *September 2014*.
- **Foot & Ankle Entrapment Neuropathies**: Foot & Ankle review course, Abu Dhabi, UAE, *May 2014*.

- **Biomechanics of Foot & Ankle deformities:** QMU Podiatry Society Academic night, Edinburgh, Scotland, *March 2014*.
- **Hintegra Total Ankle Replacement design rational:** Hintegra User Group (HUG) Meeting, Edinburgh, Scotland, *February 2014*.
- **Hintegra Total Ankle Replacement in complex cases:** 4th EFAS Advanced Symposium, “Difficult Scenarios”, Edinburgh, Scotland, *December 2013*.
- **The CORA in Deformity planning:** Deformity Correction Course for FRSC Orth, Dumblane, Scotland, *October 2013*.
- **Biomechanics of Foot & Ankle deformities:** Foot & Ankle Scotland (FASt) Annual Meeting, Edinburgh, Scotland, September 2013.
- **Advances in ankle arthritis management – Replacement, fusion and distraction:** The 64th Annual International Congress of the Egyptian Orthopaedic Association, Cairo, Egypt, December 2012.
- **Replacement of the first metatarsophalangeal joint using a metallic hemi-arthroplasty:** Combined SICOT & PAOA Orthopaedic World Conference, Dubai, UAE, *November 2012*.
- **Gradual correction of the complex Equino-Cavo-Varus deformity:** British Orthopaedic Foot & Ankle Society Meeting (BOFAS), Newport, Wales, *November 2012*.
- **A new 3-stage Ankle distraction protocol:** British Orthopaedic Foot & Ankle Society Meeting (BOFAS), Newport, Wales, *November 2012*.
- **Patient related outcome scores following gradual correction of stiff Equino-Cavo-Varus deformity:** 7th ASAMI International meeting, Thessaloniki, Greece, *June 2012*.
- **Ankle distraction for advanced post-traumatic ankle arthritis in young adults:** 7th ASAMI International meeting, Thessaloniki, Greece, *June 2012*.
- **Pathology of Hallux Rigidus:** Contemporary Concepts in Forefoot Reconstructive Surgery, Edinburgh, Scotland, *May 2012*.
- **Tumours of the Foot:** Abu Dhabi International Foot & Ankle Course, Abu Dhabi, UAE, *February 2012*.
- **Circular Frame applications in the Foot & Ankle:** Abu Dhabi International Foot & Ankle Course, Abu Dhabi, UAE, *February 2012*.
- **Metatarsalgia, Causes & Treatment modalities:** Abu Dhabi International Foot & Ankle Course, Abu Dhabi, UAE, *February 2012*.
- **The Corticotomy, Principles & Techniques:** Deformity Correction Course for FRSC Orth, Dumblane, Scotland, *November 2011*.
- **Foot & Ankle deformity planning:** Deformity Correction Course for FRSC Orth, Dumblane, Scotland, *November 2011*.
- **Triple Fusion and Ilizarov Gradual Correction for Stiff Adult Pes-Plano Valgus:** SICOT XXV Triennial World Congress, Prague, Czech Republic, September 2011.
- **Management of the Stiff Equino-Cavo-Varus Deformity with the V-Osteotomy and the Ilizarov Frame:** SICOT XXV Triennial World Congress, Prague, Czech Republic, September 2011.
- **Adult Acquired Flat Foot deformity:** Instructional Hind-foot course, Fife, UK, June 2011.
- **Applications of the Ilizarov technique:** EMC Recent Updates on Musculo-skeletal disorders, Abu Dhabi, UAE, May 2011.
- **Current Practice in common Foot & Ankle disorders:** EMC Recent Updates on Musculo-skeletal disorders, Abu Dhabi, UAE, March 2011.
- **Correction of Complex Foot & Ankle Deformities – The Ilizarov Technique:** 2nd Foot & Ankle Scotland (FASt) meeting, Edinburgh, UK, September 2010.
- **Reconstruction of Large Traumatic Defects of the Radius & Ulna:** 5th ASAMI International Meeting, St. Petersburg, Russia, May 2008.
- **Reconstruction of Large Bone Defects following Tumour Surgery:** The 8th Egyptian Orthopaedic Oncology Club, Cairo, Egypt, December 2007.
- **Femoral Lengthening with an Intramedullary Device:** 2nd World Congress on External Fixation, Cairo, Egypt, October 2007.
- **Staged Reconstruction of Traumatic Segmental Defects of the Radius & Ulna:** 2nd World Congress on External Fixation, Cairo, Egypt, October 2007.
- **The V-Osteotomy of the Foot:** 2nd World Congress on External Fixation, Cairo, Egypt, October 2007.

- **A reconstruction option for Limb Salvage for Osteosarcoma of the distal Tibia:** 4th ASAMI International Meeting, Koyoto, Japan, October 2006.
- **Ilizarov Technique in Management of Supracondylar Fracture Femur in Elderly:** The XXIII SICOT/SIROT Triennial World Congress, Istanbul, Turkey, September 2005.
- **Ankle Joint Reconstruction in Fibular hemimelia in conjunction with the Ilizarov Technique:** The 7th EFORT Congress, Lisbon, Portugal, June 2005.
- **Limb Salvage for Non Metastatic Osteosarcoma of the Tibia Using Resection Arthrodesis, Autogenous Fibular Graft and Ilizarov External Fixator:** The British Limb Reconstruction Society Meeting, Edinburgh, UK, April 2005.
- **Correction of Complex Foot and Ankle Deformities using the Ilizarov Frame in Adults with and without Osteotomies:** The British Limb Reconstruction Society Meeting, Edinburgh, UK, April 2005.
- **Reconstruction of the Ankle in Congenital deficiency of the Fibula:** The British Orthopaedic Association, London, UK, January 2005.
- **Clinical and Radiological Results of Retrograde Femoral Nailing in Elderly Patients with Supracondylar femoral fractures:** British Trauma Society Annual Meeting, Leeds, UK, October 2004.
- **An Overview on the applications of the Ilizarov Technique in Orthopaedic Trauma:** The Annual Oswestry Meeting at Ceredigion & MidWales NHS Trust, Aberystwyth, UK, August 2004.
- **Correction of Multi-planner Foot and Ankle Deformities using the Circular Frame:** The Annual Meeting of the South West Wales Orthopaedic Club, Aberystwyth, UK, August 2004.
- **Ilizarov Method for Leg Fracture Fixation in Head-Injured Patients:** 3rd ASAMI International Meeting, Istanbul, Turkey, May 2004.
- **Osteotomy Types And Ilizarov Frame Constructions Used To Correct Multiplanner Complex Foot and Ankle Deformities In Adults:** 3rd ASAMI International Meeting, Istanbul, Turkey, May 2004. [Poster Presentation]
- **A New Osteotomy Technique for Elevation of the Depressed Medial Tibial Plateau in Tibia Vara Using the Ilizarov Method:** 3rd ASAMI International Meeting, Istanbul, Turkey, May 2004.
- **New approaches in management of Fibular Hemimelia using Ilizarov Technique:** 3rd ASAMI International Meeting, Istanbul – Turkey, May 2004.
- **Ilizarov Technique for Elevation of the Depressed Medial Tibial Plateau:** The Annual International Congress of the Egyptian Orthopaedic Association, Cairo, Egypt, September 2002.
- **Epiphyseal injuries around the knee:** The Annual Audit of Ain Shams University Orthopaedic Department, Cairo, Egypt, May 2002.
- **Philosophy Of Cast Bracing For Treatment Of Closed Fractures Of Long Bones:** The Annual Audit of Ain Shams University Orthopaedic Department, Cairo, Egypt, May 2001.

CLINICAL MEETINGS AND TRAINING COURSES ATTENDED:

- **Infinity Study Group meeting,** London, December 2023
- **43rd Orthopaedic World Congress (SICOT),** Cairo, November 2023.
- **EGYFAS International Conference,** Cairo, November 2023.
- **Foot & Ankle Scotland Annual meeting,** Sterling, UK, September 2023.
- **WOSFAS meeting,** Glasgow, June 2023.
- **AMIC Rock Star Meeting,** Edinburgh, May 2023.
- **2nd Annual Minimally Invasive Surgery Conference,** London, March 2023.
- **PBLS refresher course,** Edinburgh, February 2023.
- **Infinity Study Group meeting,** York, December 2022
- **EFAS Congress,** Edinburgh, October 2022
- **Foot & Ankle Scotland Annual meeting,** Crieff, UK, September 2022.
- **The EXOGEN system for non-union management in the Foot & Ankle,** Edinburgh, July 2022
- **Arthrex FlatFoot Masterclass,** Solihull, May 2022
- **Geistlich Surgery Corporate Symposium - ICRS Berlin,** Virtual, April 2022
- **British Orthopaedic Foot & Ankle Society Meeting (BOFAS),** Bournemouth, England, March 2022.

- **The 9th Annual Meeting of the International Hybrid Congress of Joint Reconstruction “Middle East” (ICJR ME)**, Dubai, UAE, March 2022.
- **Infinity Study Group meeting**, York, December 2021
- **Global Conference on MIS Foot & Ankle surgery**, Virtual, December 2021.
- **Adult & Paediatric deformity correction course**, Dunblane, Scotland, October 2021.
- **British orthopaedic Association Annual Congress (BOA)**, Aberdeen, Scotland, September 2021.
- **Medico-Legal Conference**, Virtual, June 2021.
- **The Foot & Ankle Show Digital**, Virtual, April 2021.
- **Balanced Cable Transport with Circular Fixation**, Smith & Nephew Webinars, March 2021
- **Advanced Revision TAR Surgical Pearls**, Wright Medical Webinars, February 2021.
- **Paediatric Basic Life Support Training**, Spire Shawfair Park Hospital, January 2021.
- **Basic Life Support Training**, Spire Murrayfield Hospital, January 2021.
- **Spire Virtual Patient Event – Foot & Ankle**, Spire Webinars, January 2021.
- **Ain Shams University Case discussion meeting**, Cairo, Egypt, December 2020.
- **Benha LRS Online Review Course**, Benha, Egypt, October 2020.
- **Why the Lapidus and Emergent Minimally Invasive Approaches**, Wright Medical Webinars, October 2020.
- **16th International Deformity Correction Congress**, Cairo, Egypt, October 2020.
- **Infinity™ with Adaptis™ Technology: Another Step Forward**, Wright Medical Webinars, July 2020
- **Effect of COVID on Foot & Ankle services**, BOFAS Webinar, July 2020
- **Ortholoc™ 2 LapiFuse™ Live Cadaveric Surgery**, Wright Medical Webinars, July 2020
- **Arthroscopy and Sport Lesions in foot and ankle surgery**, EFAS Webinar, June 2020
- **Behind the scenes - PROPHECY™ Patient Specific Instrumentation – 8 years of experience**, Wright Medical Webinars, June 2020
- **Navigating the PROPHECY™ Preoperative Planning Report**, Wright Medical Webinars, May 2020
- **The Next Phase: Recovery of T&O Surgery**, BOA Webinar, May 2020
- **Techniques for Lower Extremity Fracture Management**, Acumed Training Webinar, May 2020
- **Applications of Shockwave Therapy**, Swiss DolorClast Shockwave Training Webinar, April 2020
- **Spire GP Education Webinar**, Edinburgh, Scotland, March 2020.
- **Wright Lab Advanced Total Ankle Replacement course**, Augsburg, Germany, February 2020.
- **Wright Lab TAR course**, Augsburg, Germany, February 2020.
- **Fundamentals of Ilizarov**, Glasgow, Scotland, January 2020.
- **Adult & Paediatric deformity correction course**, Crieff, UK, October 2019.
- **Foot & Ankle Scotland Annual meeting**, Edinburgh, UK, September 2019.
- **RockStar Foot & Ankle congress**, Bristol, UK, September 2019.
- **4th Combined Congress of the ASAMI-BR & BLRS societies**, Liverpool, UK, August 2019.
- **Ortho SUV External Fixator course**, Manchester, UK, April 2019.
- **Foot & Ankle Masterclass**, Munich, Germany, March 2019.
- **Ankle Replacement Cadaver course**, Sharja, UAE, December 2018.
- **British Orthopaedic Foot & Ankle Society Meeting (BOFAS)**, Edinburgh, Scotland, November 2018.
- **Foot & Ankle Advanced Cadaver course**, Sharja, UAE, October 2018.
- **10th Foot & Ankle Scotland Meeting (FAST)**, Glasgow, Scotland, September 2018.
- **AMIC user group meeting**, Luzern, Switzerland, September 2018.
- **Infinity Total Ankle Replacement user group meeting**, Manchester, England, June 2018.
- **Foot & Ankle Minimally Invasive Surgery & Arthroscopy advances course**, Madrid, Spain, April 2018.
- **Foot & Ankle Masterclass**, Basingstoke, England, January 2018.
- **Ankle Replacement & Revision Masterclass**, Memphis, TN – USA, December 2017.
- **Deformity correction course**, Dunblane Hydro, Scotland, October 2017.
- **9th Foot & Ankle Scotland Meeting (FAST)**, Edinburgh, Scotland, September 2017.
- **Subchondroplasty Workshop and cadaver course**, Vienna, Austria, April 2017.

- **International Foot & Ankle Mega Course**, Munich, Germany, February 2017.
- **British Orthopaedic Foot & Ankle Society Meeting (BOFAS)**, Bristol, England, November 2016.
- **8th Foot & Ankle Scotland Meeting (FAST)**, Glasgow, Scotland, September 2016.
- **British Orthopaedic Foot & Ankle Society Meeting (BOFAS)**, Gilford, England, November 2015.
- **Bi-annual Ex-Fix course**, Dumblane, Scotland, October 2015.
- **7th Foot & Ankle Scotland Meeting (FAST)**, Edinburgh, Scotland, September 2015.
- **Big Foot Meeting**, London, England, June 2015.
- **Hintegra Total Ankle Replacement User group (HUG) meeting**, Edinburgh, Scotland, June 2015.
- **Integra Foot & Ankle International Symposium**, Barcelona, Spain, May 2015.
- **British Orthopaedic Foot & Ankle Society Meeting (BOFAS)**, Brighton, England, November 2014.
- **3rd Middle East Sports Medicine conference**, Abu Dhabi, UAE, October 2014.
- **1st Middle East Foot & Ankle surgical course**, Dubai, UAE, September 2014.
- **6th Foot & Ankle Scotland Meeting (FAST)**, Glasgow, Scotland, September 2014.
- **TSF Foot & Ankle Master class**, York, England, July 2014.
- **Advances in Foot & Ankle surgery**, San Francisco, USA, June 2014.
- **Infinity Total Ankle Cadaver course**, San Francisco, USA, June 2014.
- **Foot & Ankle review course**, Abu Dhabi, UAE, May 2014.
- **QMU Podiatry Society Academic night**, Edinburgh, Scotland, March 2014.
- **Minimally Invasive Foot Surgery course**, Brighton, England, March 2014.
- **Court Room Experience Seminar**, Birmingham, England, March 2014.
- **Hintegra User Group (HUG) Meeting**, Edinburgh, Scotland, February 2014.
- **4th EFAS Advanced Symposium, “Difficult Scenarios”**, Edinburgh, Scotland, December 2013.
- **British Orthopaedic Foot & Ankle Society Meeting (BOFAS)**, Belfast, NI, November 2013.
- **British orthopaedic Association Annual Congress (BOA)**, Birmingham, England, October 2013.
- **5th Foot & Ankle Scotland Meeting (FAST)**, Edinburgh, Scotland, September 2013.
- **The 64th Annual International Congress of the Egyptian Orthopaedic Association**, Cairo, Egypt, December 2012.
- **Combined SICOT & PAAO Orthopaedic World Conference**, Dubai, UAE, November 2012.
- **British Orthopaedic Foot & Ankle Society Meeting (BOFAS)**, Newport, Wales, November 2012.
- **4th Foot & Ankle Scotland Meeting (FAST)**, Glasgow, Scotland, September 2012.
- **Zenith Total Ankle Replacement Experts Forum & Cadaver Lab**: Bristol, England, June 2012.
- **7th ASAMI International meeting**, Thessaloniki, Greece, June 2012.
- **Contemporary Concepts in Forefoot Reconstructive Surgery**, Edinburgh, Scotland, May 2012.
- **Minimally Invasive Foot & Ankle Surgery Course**, Lyon, France, April, 2012.
- **International Congress on Cartilage Repair of the Ankle**, Dublin, Ireland, March 2012.
- **AbuDhabi International Foot & Ankle Course**, AbuDhabi, UAE, February 2012.
- **Deformity Correction Course for FRSC Orth**, Dumblane, Scotland, November 2011.
- **Integra Total Ankle Course**, Edinburgh, Scotland, October 2011.
- **3rd Foot & Ankle Scotland Meeting (FAST)**, Edinburgh, Scotland, September 2011.
- **SICOT XXV Triennial World Congress**, Prague Czech Republic, September 2011.
- **Scottish Foot & Ankle Meeting**, Perth, Scotland, July 2011.
- **Hexapod TSF Advanced Course**, Bristol, England, June 2011.
- **Amsterdam Ankle Arthroscopy course**, Amsterdam, Netherlands, June 2011.
- **Scottish Foot & Ankle Instructional Meeting**, Fife, Scotland, June 2011.
- **Ankle Arthroscopy Course**, Guilford, England, June 2011.
- **Scottish Foot & Ankle Meeting**, Perth, Scotland, March 2011.
- **British Orthopaedic Foot & Ankle Society Meeting (BOFAS)**, Nottingham, England, November 2010.
- **Salto Total Ankle Workshop**, Barcelona, Spain, October 2010.
- **Integra-User Group Meeting**, Edinburgh, Scotland, October 2010.
- **Advanced Hindfoot Course**, Leistal, Switzerland, September 2010.
- **2nd Foot & Ankle Scotland Meeting (FAST)**, Edinburgh, Scotland, September 2010.
- **12th Meeting of the Combined Orthopaedic Associations (COMOC)**, Glasgow, Scotland, September 2010.

- **Salto Total Ankle Cadaver Course**, London, England, April 2010.
- **Liverpool Forefoot Course**, Liverpool, February 2010.
- **Salto Total Ankle Workshop**, Paris, France, January 2010.
- **British orthopaedic Association Annual Congress (BOA)**, Manchester, England, September 2009.
- **Advanced Trauma Life Support (ATLS) Re-verification Course**, Harrogate, England, July 2009.
- **5th ASAMI International Meeting**, St. Petersburg, Russia, May 2008.
- **Sequential Trauma Education Program course (STEP)**, University of Maryland, USA, May 2008.
- **4th International Congress of Skeletal Deformities**, Cairo, Egypt, April 2008.
- **2nd Intensive Orthopaedic Oncology Course, Egyptian Orthopaedic Association**, Cairo, Egypt, November 2007.
- **The 59th annual International Congress of the Egyptian Orthopaedic Association**, Cairo, Egypt, November 2007.
- **2nd World Congress on External Fixation**, Cairo, Egypt, October 2007.
- **Advanced Trauma Reconstruction Course**, Verona, Italy, March 2007.
- **4th ASAMI International Meeting**, Koyoto, Japan, October 2006.
- **Anatomy & Surgical Exposures**, Oswestry, England, October 2006.
- **FRCS (Orth) revision Course**, Oswestry, England, October 2006.
- **Clinical Revision Course for Hand & Upper Limb Orthopaedics**, Wrightington, England, September 2006.
- **2nd International Congress of Skeletal Deformities**, Cairo, Egypt, May 2006.
- **Intensive course of Children Orthopaedics**, Liverpool, England, April 2006.
- **FRCS (Orth) Revision Course**, Bristol, England, March 2006.
- **Hand Surgery Course**, Edinburgh, Scotland, January 2006.
- **The XXIII SICOT/SIROT Triennial World Congress**, Istanbul, Turkey, September 2005.
- **Edinburgh Ortho Basic Science Course**, Edinburgh, Scotland, August 2005.
- **The British Limb Reconstruction Meeting**, Edinburgh, Scotland, April 2005.
- **1st International Congress of Skeletal Deformities**, Cairo, Egypt, March 2005.
- **Advanced Trauma Life Support (ATLS) Provider Course**, Merthyr Tedyfyl, Wales, January 2005.
- **The Taylor Spatial Frame Course**, Leicester, England, November 2004.
- **The Annual Oswestry Meeting at Ceredigion & MidWales NHS Trust**, Aberystwyth, Wales, August 2004.
- **3rd Meeting of the ASAMI International (Association of the Study and Application of the Methods of Ilizarov)**, Istanbul, Turkey, May 2004.
- **Ilizarov Workshop (Tibial Plateau, Pilon & Calcaneal fractures) [Prof. M Catagni (Italy)]**, Istanbul, Turkey, May 2004.
- **International Doctors Induction Course**, held by the West Midlands' Deanery, Birmingham, England, April 2004.
- **The SICOT/SIROT Second Annual International Conference**, Cairo, Egypt, September 2003.
- **The Instructional Course of Foot & Ankle**, Cairo, Egypt, March 2003.
- **The Advanced AO course**, Cairo, Egypt, January 2003.
- **The 54th Annual International Congress of the Egyptian Orthopaedic Association**, Cairo, Egypt, December 2002.
- **The Instructional Hip Course of the EOA & the French Orthopaedic Association**, Cairo, Egypt, October 2002.
- **The 53rd Annual International Congress of the Egyptian Orthopaedic Association**, Cairo, Egypt, November 2001.
- **The 52nd Annual International Congress of the Egyptian Orthopaedic Association**, Cairo, Egypt, November 2000.
- **The AAOS/EOA Review Course**, Cairo, Egypt, April 2000.
- **The 51st Annual International Congress of the Egyptian Orthopaedic Association**, Alexandria, Egypt, November 1999.
- **Hand Surgery Course [Prof. Nash Naam (USA)]**, Cairo, Egypt, June 1999.
- **The AO Basic Course**, Cairo, Egypt, April 1999.

AUDIT EXPERIENCE:

I have been actively involved in clinical audits and I participated and shared in several audit meetings through out the period of my training. This included data collection, processing, presentation, and discussion during regular departmental audit meetings. Through this involvement, I have gained awareness and appreciation of the role of the medical audit cycle and its importance in maintaining and improving patients care and services.

In my current post I regularly take part in audit and I present data from my audits during my annual appraisal.

I conducted the following audits:

- ◆ **Audit of the surgical case mix in foot and ankle service** (January 2022)
- ◆ **Patient reported outcome measures in my practice** (January 2020)
- ◆ **Consent process in forefoot surgery** (December 2018)
- ◆ **Distal Metatarsal Metaphyseal Osteotomy in the treatment of metatarsalgia** (November 2017)
- ◆ **Infection rate in Foot & Ankle surgery** (November 2016)
- ◆ **Theatre utilization with Minimally Invasive surgery** (October 2015)
- ◆ **Accuracy of medical records and the application of a coding system** (September 1999)
- ◆ **DVT prophylaxis in major lower limb trauma patients** (October 2000)
- ◆ **Antibiotic administration in Primary Total Hip Replacement** (November 2001)
- ◆ **Mortality in Elderly Hip Fractures** (May 2003)
- ◆ **Management of paediatric polytrauma patients** (August 2007)
- ◆ **Pin-Site care for patients in circular frames** (December 2008)
- ◆ **Accuracy of long-leg films taken for mechanical axis evaluation** (December 2008)

ONGOING RESEARCH PROJECTS:

- Outcome of ***Total Ankle Replacement***
 - Currently part of the UK Total Ankle Replacement Study: A major prospective 10-year multi-centre study that recruited 500+ Total Ankle Replacement patients, looking at clinical and radiological as well as patient reported outcomes.
- ***Advanced arthritis in young adults***
- Hemiarthroplasty of the first MTP joint for ***hallux rigidus***
- ***Morton Neuroma*** Release versus excision
- ***Distal Metatarsal Minimally invasive osteotomies***
- AMIC for talar dome OCDs

PREVIOUS RESEARCH:

I conducted 2 major prospective research projects during my training:

◆ MD thesis:

Title: Correction of Complex Foot & Ankle Deformities in adults using the Ilizarov External Fixator

Submitted to: Ain Shams University, Cairo Egypt, for partial fulfilment of the Degree of Doctor in Orthopaedic Surgery (MD Ortho).

Duration: 2 years Discussed on: 3rd of May, 2005

Summary: This project involved 32 patients with complex deformities including post-traumatic, neglected congenital, post-burn, and neuromuscular foot and ankle deformities corrected by the Ilizarov technique and followed up for the length of the study.

◆ MSc thesis

Title: Philosophy Of Cast Bracing For Treatment Of Closed Fractures Of Long Bones
Submitted to: Ain Shams University, Cairo Egypt, for partial fulfilment of the Degree of Master in Orthopaedic Surgery (MSc Ortho).
Duration: 1 year Discussed on: 21st of March, 2001

TEACHING EXPERIENCE:

During my current post as a Consultant in Edinburgh, training and teaching the registrars and the fellows is a daily duty that I carry on in clinics and theatre. I also have medical students and nursing students attending my clinics for teaching and training. I also participate in the formal teaching timetable for the department.

During my post as a Lecturer in the Orthopaedic and Trauma Surgery department at Ain Shams University I had regular teaching and training duties for junior residents together with postgraduate and undergraduate teaching in the department. I was responsible for conducting a monthly Journal Club meeting and supervising MD and MSc thesis.

During my post of Assistant Lecturer in the Orthopaedic and Trauma Surgery department at Ain Shams University, I participated in the regular teaching schedule of undergraduate medical and nursing students.

I was an Instructor at the Taylor Spatial Frame workshop during the 1st, 2nd and 4th international Congress of Skeletal Deformities held at Cairo, Egypt. I was also an instructor at the STEP (Sequential Trauma Education Programme) course conducted by the University of Maryland (USA) in Cairo, October 2008.

During my Specialist Registrar post in Edinburgh, teaching medical students was part of my daily responsibilities that I did in clinics, during ward rounds and theatre sessions.

I completed Level 2 of the ***Clinical Educator Program (CEP)*** for Recognition and Approval of Trainers. This accredited program from the University of Edinburgh will provide me with Postgraduate Certificate in Academic Practice (PGCAP) or an MSc in Clinical Education.

MANAGEMENT AND ADMINISTRATIVE EXPERIENCE

During my current post as a Consultant in Edinburgh and my previous post as a Lecturer (Consultant) in Cairo, I had regular administrative duties including triaging referrals, managing waiting lists, attending meetings for service improvement, and reinforcing health and safety policies. I am also a member of the Medical Staff Committee.

Throughout the stage of Assistant Lecturer, I actively participated in organising scientific meetings for the department, the Faculty of Medicine, and the Egyptian Orthopaedic Association. On several occasions I participated in the assessment of different bids for the supply of equipment, surgical implants and instruments for the Orthopaedic department. I was part of the team chosen to revise and code the whole new set of instruments that were bought during the refurbishment of the Orthopaedic Theatres in the year 2002.

During my Residency, I was in charge of setting the duty rotas of interns, preparing tutorials for under and postgraduates. I was also responsible for preparing the cases for under and postgraduate clinical examinations. As a senior resident, I was a night duty manager for the surgical part of the hospital, and duty manager for the residents' accommodation on rota basis.

I also attended the following courses on management and teaching methodology:

- **Good Clinical Practice (GCP) Refresher**, December 2019
- **Roots of compassion**, March 2018
- **Reflective portfolio**, November 2016
- **Introduction to Simulation in teaching**, November 2016
- **Mindfulness for Clinical educators**, June 2016
- **Introduction to the Edinburgh MBChB**, May 2016
- **Giving Effective Feedback**, April 2015
- **Effective clinical supervision**, April 2015
- **Planning and Evaluating your teaching**, April 2015
- **Leadership course for consultants**, June 2011.
- **Time Management for Consultants**. June 2010.
- **Management Master-class for consultants**. February 2010.
- **Teaching methodology, use of resources, leadership and administration**. August, 2007.
- **Preparing manuscripts for international publications**. August, 2007.
- **Using Modern Technology in Postgraduate Teaching**. December 2006.
- **The Managerial and Administrative duties of the Consultant**. December 2006.
- **Medical Ethics**. May 2006.
- **The “Credit Hours” system**. May 2006.

I also finished the following online courses:

- Risk Incident Reporting
- Infection control
- Dealing with Complaints
- Dealing with violence and aggression
- Diversity, Equal Opportunities and Human Rights, November 2016
- Careers Support, November 2016
- Managing the Trainee in difficulty, November 2016
- Good Clinical Practice eLearning
- Health and Safety
- Dealing with Fire
- Child protection

LANGUAGES SPOKEN:

Fluent ENGLISH, IELTS (Academic) exam on 19/01/2008 band score 8.5
Besides Arabic the native language

OTHER INTERESTS AND EXPERIENCES:

I am currently developing an international platform for medical consultations called **SPATTRO** that will link patients with highly specialised medical consultants worldwide. This is a huge project that demanded me studying business management as well as marketing, branding, cash flow and others. I found this to have given me a lot of knowledge that I translate into my day to day practice.

I also have a special interest in computer graphics designing and constructing Internet web pages. I have focused these skills to develop several professional websites in Trauma and Orthopaedics that promote evidence-based information and support to patients as well as professional orthopaedic organisations.

These websites include:

- ◆ The website of the Trauma Unit at The Royal Infirmary of Edinburgh (Redesigned on April 2006, Edinburgh)
URL: <http://www.trauma.co.uk>
- ◆ The website of the First International Ilizarov & Limb Reconstruction Course arranged by the ASAMI Egypt group (August 2004, Cairo)
URL: <http://www.e-ilizarov.com>
- ◆ The official site of the ASAMI Egypt group (April 2003, Cairo)
URL: <http://www.asamiegypt.com>
- ◆ The official website for Ilizarov surgery in Egypt, the site of the Egyptian Group of Ilizarov Surgeons (February 2003, Cairo)
URL: <http://www.ilizarov-egypt.com>
- ◆ A personal website with a database of different foot and ankle conditions.
URL: <http://www.orthopaedicworld.com>

REFEREES:

The following colleagues have kindly agreed to act as my referees:

- Mr. John McKinley
 - Professor of Orthopaedic and Trauma Surgery
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 - E-mail : john@mc-kinley.com