

Mohamed Mahmoud Elfekky CV

Personal Informations

Name: Mohamed Mahmoud Elfekky

Place & Date of Birth: Egypt. October 6, 1974

Nationality: Egyptian

Marital status: Married

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Address:

- Umelqura tower Sharjah flat 904

Languages:

- Arabic, Native language
- English, fluent



-Msc orthopaedic surgery 2003 Alexandria university.

-MRCS Glasgow UK 2011.

-Fellowship in knee Arthroplasty with Dr Samih Tarabichi
2010-2012.

-SICOT (Belgium)diploma in ortho&trauma 2011.

-Sicot best poster diploma in 2013 for topic of arthroplasty in
Asian knees.

-MD . (Medical Doctorate Degree) orthopaedic surgery Cairo
university 2015.

-Diploma of computer assisted knee surgery glasgow UK 2016.

-Awarded membership of CAS british society in 2016.

-published patent application in US about device for computer
assisted revision knee arthroplasty on 11-2016 (PSI in revision
knee arthroplasty).

- Msc orthopaedic engineering Cardiff UK.2018
- enrolled in PHD orthopaedic engineering Cardiff UK 2018-2022.
- publications about knee arthroplasty in journal of arthroplasty and JBJS.
- Co author in the book of surgery of the knee by prof Ashok Rajgopal. Published in US in 2013.
- Current position Senior specialist Ortho&trauma Dubai health authority.

Worked as a resident in Alexandria university for 3 years

In the joint replacement centre in the American hospital for 2 years

DHA as SSR for 7 years

Managing all types of trauma and did 200 Computer assisted TKR in the last 7 years as primary surgeon.

Current position:

Senior specialist orthopaedic surgery Dubai health authority
Hatta hospital

Education

1992-1999 MBBCH Alexandria medical school.

2000-2003 Msc ortho Alexandria medical school thesis about biomechanics of DHS.

2006-2011 MRCS Glasgow royal college of surgeons.

2011 SICOT diploma in orthopaedics and traumatology.

2010-2012 fellowship in joint replacement Tarabich institute in American hospital in Dubai.

2012-2015 MD ortho Cairo university thesis about periprosthetic fractures after TKA.

2016 Diploma in computer assisted knee arthroplasty using navigation and 3D printing and robotics.

2018 Master degree in orthopaedics biomechanics in Cardiff UK.

Enrolled in Phd orthopaedic engineering and biomechanics Cardiff UK.

Experience

2000-2003 full time resident in Alexandria university hospital covering outpatient and emergency and inpatient departments and trained on all kinds of orthopaedic Trauma including polytrauma and trained in all orthopaedic subspecialties.

2004 specialist of orthopaedic surgery Alsalama hospital Alex

2004-2010 senior specialist orthopaedic surgery Ibn seena university hospital Libya and teaching faculty in altahady medical school and was responsible for the visiting surgeons program in orthopaedic subspecialty at this time I was thoroughly and closely trained in the field of spine surgery, knee and shoulder arthroscopic surgery, knee and hip arthroplasty, paediatric orthopaedics and deformity corrections and hand surgery.

2010-2012 fellow of orthopaedic surgery American hospital of Dubai thoroughly trained in arthroplasty of the hip and knee from partial arthroplasty to total and revision arthroplasty and tumour prosthesis.

2012 till now(2019) senior specialist orthopaedic surgery Dubai health authority. My job includes outpatient clinic and 2nd oncall covering all kinds of trauma as this hospital covers the RTA in a wide area from the borders of Oman till 100Km towards Dubai and Managing this trauma with the modern concepts of Trauma Management.

I have two full day joint clinics and two days of OR performing all kinds of knee surgery including arthroscopic reconstructive surgeries and primary and revision knee arthroplasties.

Scope of subspecialty

Knee surgeries including primary and revision arthroplasty and reconstructive knee surgeries, also in arthroscopic knee surgery with coverage of all kinds of orthopaedic trauma.

Scientific activity

Best poster diploma SICOT 2012 with poster about Asian TKR.

publication in JBJS in AAOS 2012 for a scientific exhibit about asian TKR.

Co-author in the textbook titled the knee surgery by Aschok rajgopal published in the united states in 2014

Publication in journal of arthroplasty 2015 about new type of periprosthetic knee fractures named Insufficiency fracture.

Publication in JBS “Effect of Quadriceps Excursion on Knee Flexion in Patients with Osteoarthritis” has been published in the new issue of the Journal, April 2015.

Member of the scientific committee of ICJR middle east.

Director of Innovations of joint surgery annual meeting.

Patent application in US for a new device in revision total knee surgery.

Speaker in national and international orthopaedic conferences from 2010
-2017 AAOS,ISTA,ICJR,AO.

Member of :

-Royal college of surgeons of Glasgow,American academy of
orthopaedic surgeon, Computer assisted orthopaedic surgery, AO, SICOT

Academic honors

Best poster in arthroplasty award Sicot 2012.

Product Design & development

-During my fellowship with Dr Tarabichi (designer in the Persona team)

I shared as assistant of Dr Tarabichi in the designer launch of persona.

-consultant speaker for J&J and Microport for joint replacement

-US patent with Zimmer for using computer 3D printing in revision total
knee surgery.

- Clinical trials

Evaluation biomechanics of DHS in treatment of trochanteric fractures of
the femur 2003.

Evaluation of femoral periprosthetic fractures after TKA as PHD thesis in
Cairo university.2015

New type of periprosthetic fractures after TKA (insufficiency fracture)

Published in journal of arthroplasty in 2015.

Shahi A, Saleh UH, Tan TL, Elfekky M, Tarabichi S. A Unique Pattern of Peri-Prosthetic Fracture Following Total Knee Arthroplasty: The Insufficiency Fracture. J Arthroplasty. 2015 Jun;30(6):1054-7.

Quadriceps excursion in arthritic patients published in JBS in 2015.

Title:

Effect of Quadriceps Excursion on Knee Flexion in Patients with Osteoarthritis

Author(s):

Samih Tarabichi MD 1, Mohamed Elfekky MD 2, Alisina Shahi MD 3*

1 Tarabichi Joint Replacement Institute, Dubai, UAE

2 Dubai Health Authority, Dubai, UAE

3 Postdoctrate Research Fellow, Rothman Institute, PA, USA

Clinical trials under publication is:

- Post operative pain a comparative study between PS knee and MP knee.
- Joint line in relation to the extensor mechanism (radiological study).
- Joint line in well functioning TKR.
- PCL does it affect stability in MP knee.
- Preoperative 3D planning in TKA.