

CURRICULUM VITAE

**DR. AKRAM M. ALDAWOUDY,**  
**MCH orth., FRCS**  
**CONSULTANT ORTHOPAEDIC**  
**SURGEON**  
**CEO, ALEX KNEE CENTER**

## **PERSONAL DATA**

**Surname** : mokhtar  
**First names** : Akram Mohammed aldawoudy  
**Sex** : Male  
**Date of birth** : 15<sup>th</sup> august 1969  
**Place of birth** : Alexandria, Egypt  
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## **Qualifications & Degrees**

- 1- FRCS, OCTOBER, 2001.  
FROM: THE ROYAL COLLEGE OF SURGEONS IN IRELAND
  
- 2- MBBCH, NOVEMBER, 1992.  
GRADE: VERY GOOD  
FROM: THE FACULTY OF MEDICINE,  
UNIVERSITY OF ALEXANDRIA, EGYPT.
  
- 3- MCH orth. JUNE, 1997  
GRADE: VERY GOOD  
FROM: THE FACULTY, OF MEDICINE  
UNIVERSITY OF ALEXANDRIA, EGYPT

**N.B:** International English language testing system (IELTS) exam had been passed in 2003, score band 7.5

## **History of Employment**

- 1- From 1/3/1993 to 28/2/1994:  
House Officer, Alexandria University Hospitals, Alex., Egypt, with training in the following departments: internal medicine (2 months), General surgery (2 months), Paediatrics (2 months), Anesthesia and casualty (1 month), Obstetrics and Gynecology (2 months), Orthopaedics (2 months)
- 2- From 1/3 /1994 to 3/8/1994:  
Obligatory Governmental Medicine Service, Ministry of Health Alex, Egypt
- 3- From 4/8/94 to 3/8/97:  
Resident of Orthopaedic surgery and Traumatology (equals Registrar), El- Hadra Orthopaedic and Traumatology University Hospital (5 units with a capacity of 300 beds), Alex university, Alex, Egypt

- 4- From 4/10/ 97 to 2/2/1999:  
Orthopaedic surgery and Traumatology specialist, (equals senior registrar), Alexandria University Student Hospital, Alex, Egypt
- 5- From 3/2/ 1999 to 18/8/ 2002:  
Orthopaedic surgery and Traumatology registrar, at Dr. Erfan and Bagedo Hospital, Jeddah, Kingdom of Saudi Arabia
- 6- Orthopaedic surgery and Traumatology assistant consultant, King Faisal Specialist Hospital & Research Center- Jeddah, Saudi Arabia, since 19/8/2002.
- 7- Guest Doctor (Gast Arzt), orthopaedic surgery department, Johanna Ettienne Hospital, Neuss, Germany, on three successive years: from 19/ 1/ 2004 to 22/ 2/ 2004, and from 30/5/2005 to 5/7/2005, and from 19/5/2006 to 18/6/2006.
- 8- Guest Doctor orthopaedic traumatology and sports medicine department, landeskrankenhaus Feldkirch, Feldkirch, Austria, from 5/5/2007 to 26/5/2007.
- 9- Specialist Orthopaedic surgeon, Alexandria University Student hospital, Alex, Egypt till now (2013)
- 10- Consultant knee and arthroscopy surgeon, Rasheed General Hospital, ministry of Health, Egypt, since August 2008.
- 11- Guest doctor orthopaedic surgery and traumatology department Kantonspital, Bruderholz, Basel, Switzerland, 11/1/2009- 9/2/2009.
- 12- Lecturer of orthopaedic surgery and traumatology, faculty of medicine, October 6th university, responsible for the curriculum of sports injuries for the postgraduate medical students and undergraduate students of the faculty of physiotherapy.
- 13- Founder, chief of executive office and main owner of alex knee center since September 2009. Alex Knee Center is the 1<sup>st</sup> subspecialised comprehensive orthopaedic center for knee surgery, sports traumatology and arthroscopy in Egypt.

## **Details of Training**

- Following obtaining MBBCh, I stayed for one year as a house officer at the busy, teaching Alexandria University Hospitals. Training in general surgery included head injury, abdominal and urological surgery, while internal medicine training included GIT diseases and cardiology.
- Following this year, I started three years as an Orthopaedic resident at EL-Hadara Orthopaedic and Traumatology University Hospital from August 94 to August 97. I spent the first year in Accident and Emergency Department, during which I have been introduced to basic fracture treatment, plaster techniques, skeletal traction, and basics of treatment of congenital anomalies. I was a part of a team that used to look after accident and emergency in the Casualty Department where we used to receive all varieties of RTA and multiple injuries.
- During the next two years, I spent 4 months in each of the five units. During that time, I started to prepare for MCh thesis and examination my duties were 1 in 3 rotations, taking part in one day operating session, and one day outpatient clinic. During that time I became well versed with the management of fractures including open reduction and internal fixation using AO techniques, external fixators and the management of the major open injuries. I have been also involved in surgery of bone and joint infection, neglected deformities, surgery of poliomyelitis and joint replacement. The population of Alexandria is over 5 millions with seasonal variations which increases by over 2 million people during summer times. EL-Hadara University Hospital is the only teaching orthopaedic Hospital in Alexandria. The capacity of the Hospital is 300 beds and 8 OR theatres, strictly for orthopaedics and traumatology, distributed in 5 units with 45 staff members besides the residents. The hospital gives regular teaching sessions for MCh and DrCh candidates. This includes teaching ward tutorials and regular clinical assessment of residents standard.
- At the end of these three years, I presented my MCh thesis "*late follow up study of the results of treatment of medical epicondyle fractures of the humerus*". This was a follow up study of 31 patients after at least 5

years from the injury. The board of discussion accepted the thesis with excellent mark. After passing the written, oral and clinical examinations, I got the MCh Orth degree on June 1997.

- The Orthopaedic surgery and traumatology specialists post in Alexandria University Student Hospital has the same clinical duties as a registrar with the exception of a fewer night duties. During this period, I started to refine my surgical techniques and I spent more time in Arthroscopic surgery to master it.
- The next post was, Orthopaedic surgery and traumatology registrar in Dr. Erfan and Bagedo Hospital, Jeddah, Saudi Arabia. Dr. Erfan and Bagedo Hospital is a leading private hospital,(occupancy 220 beds) with all the latest updated facilities for specialization in the various areas for surgery. My training has been more on the highly equipped Orthopaedic and traumatology surgical procedures effecting new tools and techniques.

The staff of Orthopaedic surgery and Traumatology department in Dr. Erfan and Bagedo hospital consists of senior consultants. All of them have been former european trainees, and most of them have been former british trainees and got FRCS many years ago.

I have been working with all of them for three and half years. That made me very close to the British system in the management of Orthopaedic and traumatology cases especially after obtaining my fellowship degree.

- ✎ Then, I transferred to King Faisal Specialist Hospital and Research Center- Jeddah, as an assistant consultant. This job is only for fellowship or doctorate degree bearers. I assisted the consultants there at all of their clinical duties as well as their educational and research duties. KFSH & RC is an international highly specialised body, concerned with tertiary- case management that should be normally referred from primary and secondary- care hospitals. The main bulk of OR lists falls into arthroplasty of the hip and knee, arthroscopy and sport injuries and spine surgery (for both primary and revision cases).

KFSH & RC has been recently accredited for the international standard of both hospital administration and patient care by the Joint Commition International.

- ✎ After finishing my one- year contract with KFSH & RC I went to Germany. I worked for little more than 3 months (divided on 3 years, 2004- 2006) in the orthopaedic surgery department of Johannah Ettiene Hospital, neuss as an OR guest doctor(5 OR lists a week). I assisted professor J. Jerosch, mainly at arthroscopy and arthroplasty procedures of the hip, knee and other joints with special concern to the shoulder. I found myself by the end of that training periods far more oriented and capable of doing a lot of arthroscopic and arthroplasty procedures with the basics of minimal invasive surgery.
- ✎ Then, I went back to my original hospital, Alexandria Student University Hospital, Alex., Egypt, to start my career as an independent orthopaedic surgeon from March 2004. I established my own clinic, and my own OR lists. Most of my patients are sport injured or trauma injured. I do arthroscopic procedures fairly frequently (2-3 cases a week). I do knee arthroscopy most often, for meniscus surgery. ACL surgery, and patellar malallignment. I do also shoulder arthroscopy, mostly for instability, subacronial pathology and adhesive capsulitis. Ankle arthroscopy is less frequently done.
- ✎ During the last 3 years, I have done about 600 surgeries on my own, most of them were interventional arthroscopic or trauma procedures. Since 2004, I go regularly every year to Europe, to do higher surgical training at the field of arthroscopic surgery, knee surgery and sports traumatology at a specialised center and participate at an international scientific event at that field (Esska & Isakos Congresses). On 2006, I have obtained a specialised fellowship for shoulder surgery & for arthroscopy & arthroplasty from Germany. Since September 2009, I have done a number of private operative cases that is detailed as follows:

## **Management Capabilities**

- ☯ Generally, I have been trained for management of common medical and surgical emergencies, in both ER and the ward.
- ☯ I have been heavily involved in the management of sport injuries and knee surgery during the last ten years, especially for arthroscopic ACL, meniscus and patellar mal-alignment procedures which I do most frequently now. I also do shoulder arthroscopic procedures for instability, rotator cuff, frozen shoulder and others. I do around 130 cases of ACL reconstructions, and around 600 knee and shoulder procedures a year.
- ☯ Manipulative techniques and closed reduction and casting for the indicated fractures, go very well in my hands. My initial training concentrated a big deal on that.  
I am capable of managing almost all common orthopaedic trauma cases through both operative and non operative methods, including hand injuries and single and multiple open fractures.
- ☯ I can also manage general non traumatic orthopaedic cases, and do many of its operative procedures.
- ☯ I have done many of partial and total hip replacements, as well as hip fractures. I have also been involved in knee arthroplasty for many years; I do around 30 cases a year.



## **Publications**

1. Jerosch J, Aldawoudy A.M 2007. Arthroscopic Treatment of patients with moderate arthrofibrosis after total knee replacement. *Knee Surg Sports traumatol arthros*, vol 15, No. 1, Jan 2007 (71-77).
2. Jerosch J, Aldawoudy A.M. 2007. Chondrolysis of the glenohumeral joint following arthroscopic capsular release for adhesive capsulitis: a case report. *Knee surg sports traumatol arthros*, vol 15 No. 3, March 2007 (292-94).
3. Jerosch J, Aldawoudy A.M. 2006. Tendoscopic management of peroneal tendon disorders *knee surg sports traumatol arthros*, vol 15 no.6, June 2007 (806-810).
4. Khaled Al Matrawy, Abd El-Aziz M El-Nekeidy, Akram Al-Dawody. Muroid degeneration of the anterior cruciate ligament: frequently under-diagnosed entity in MRI. *The Egyptian journal of radiology and nuclear medicine* (2012) 43,227-233.
5. Surgery of sports injuries, book for undergraduate students 2<sup>nd</sup> year, faculty of physiotherapy, October 6th university, Egypt
6. E Soliman. W. Labib. G. El-tantawi .A. Hamimy. A. Alhadidy. A. Aldawoudy. Role of matrix metalloproteinase-3 (MMP-3) and magnetic resonance imaging of sacroiliitis in assessing disease activity in ankylosing spondylitis. *Rheumatol Int* (2012) 32:1711–1720 DOI 10.1007/s00296-011-1852-8. Poster in EULAR 2010, ROME, ITALY.citation: *Ann Rheum Dis* 2010;69(suppl3):698
7. Conservative management of meniscal injuries, oral presentation at 1st international EGA conference, Cairo, February, 2012.
8. E. Soliman, G. El-tantawy, K. Matrawy, A. Aldawoudy, A. Naguib. Local Infliximab injection of sacroiliac joints in early axial spondyloarthropathies: impact on parameters of disease activity. Poster in EULAR 2012, BERLIN, GERMANY.citation: *Ann Rheum Dis* 2012;71(suppl3):245
9. The minimal invasive approach in open-wedge high tibial valgus osteotomy, oral presentation at 2<sup>nd</sup> international EGA conference, Cairo, February, 2013.

10. The reliability of non weight bearing and giving no NSAIDS in treatment of SPONK , oral prsentation 2<sup>nd</sup> international EGA conference, Cairo, Febuary, 2013.
11. A. Aldawoudy, E. Soliman. Meniscal injuries: is there a place for conservative management? Poster in EULAR 2013, Madrid, Spain.citation: Ann Rheum Dis 2013;72(suppl3):350
12. E. Soliman, A. Aldawoudy, M. khalifa .Ewing's sarcoma in a spondyloarthritis patient presenting as hip monoarthrtis. Journal of autoimmune diseases and rheumatology 2013.
13. A.Almangoush, L. Herrington, I. Attia, R. Jones, A. Aldawoudy, A. Abdulaziz, A. Waley. Cross-cultural adaptation, reliability, internal consistency and validation of the Arabic version of the Knee injury and Osteoarthritis Outcome Score (KOOS) for the Egyptian people with knee injuries. Journal Elsevier, online 2<sup>nd</sup> October, 2013.
14. SM Sedeek, AM Al Dawoudy, MY Ibrahim Subacromial impingement syndrome: review article, Hard Tissue 2013 Sep 28; 2(4):39.
15. Sedeek SM., Aldawoudy AM., Ibraheem MY., Anterior cruciate ligament reconstruction: Single or double bundle? OA Case Reports 2013 Nov 15;2(15):147.
16. A. Aldawoudy, E. Soliman. Meniscal injuries: is there a place for conservative management? E poster presentation, ESSKA conference, Amsterdam 14-17 March, 2014.

## **Tutorial lectures**

1. Recent trends of anterior cruciate ligament Reconstruction, advances in knee surgery, organised by the department of orthopaedic surgery, university of alexandria, Northern coast, Egypt, September, 2012
2. Anatomy and biomechanics of the anterior cruciate ligament, Assiut knee arthroscopy course, organised by the department of

orthopaedic surgery, Faculty of medicine, Assiut university, April, 2012.

3. Basics of orthopaedic traumatology, medical syndicate, Alexandria, April, 2011.
4. Open-wedge high tibial valgus osteotomy with plate fixation for medial compartment knee osteoarthritis, annual conference of the department of orthopaedic surgery, Sharmel-sheikh, January 2010 and the annual conference of the egyptian society of orthopaedic surgery, Cairo, November, 2010.
5. Arthroscopic management of loose bodies, the basic arthroscopy course organised by the Egyptian arthroscopy society, the national training institute, nasr city, January, 2011.
6. Non Arthroplasty Management of the Arthritic Shoulder. National Training Institute, Nasr City, Cairo, 2011.
7. Review notes of Knee disorders part I
8. Review notes of Knee disorders part II, both 7 and 8 as a part of teaching of the curriculum of sports injuries for undergraduate students of the 2<sup>nd</sup> year of the faculty of physiotherapy, October 6<sup>th</sup> university, 2010
9. Osteonecrosis and related disorders, the scientific meeting of the department of rheumatology, faculty of medicine, Alexandria university, November, 2007.
10. Articular Cartilage, physiology and pathology, postgraduate diploma of orthopaedics and traumatology, october 6<sup>th</sup> university and the intensive course of orthopaedics organised by the department of orthopaedics of the faculty of medicine of October 6<sup>th</sup> University 2008-2009.
11. What we should know about: Patellofemoral disorders, postgraduate diploma of orthopaedics and traumatology, october 6<sup>th</sup> university and the intensive course of orthopaedics organised by the department of orthopaedics of the faculty of medicine of October 6<sup>th</sup> university 2008-2009.
12. Lectures as a part of the curriculum for the postgraduate diploma of orthopaedics and Traumatology of the Arab Medical Union held

at the orthopaedic surgery department of the October 6<sup>th</sup> university Hospital, 2008-2009:

- a. Peri-op management part I and part II
  - b. The surgical shoulder part I and part II
  - c. The acromioclavicular joint
13. Qualifications and training for the surgical career, scoping medical career conference, , at the Egyptian Medical Syndicate, Alexandria branch, april, 2011.
  14. The concept of single bundle augmentation in ACLR literature search and technical notes, the Egyptian society of Orthopaedics and traumatology Annual Conference, Hayyat Regency Hotel, Cairo, Egypt, November 2010.
  15. Management of degenerative meniscal tears, the instructional course lectures of the Egyptian Arthroscopy Association, international training institute, Nasr city, Cairo, 27-28 February, 2014.

## **Membership**

1. Active member of the international society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine (ISAKOS).
2. Former member of the European Society of Sports Traumatology, Knee Surgery, and Arthroscopy (ESSKA).
3. Member of the Egyptian Group of Arthroscopy and Sports Injuries (EGASI).
4. Founder and active member of the Egyptian society of arthroscopy and sports injuries (EGAA).

## **Courses and Meetings:**

- 1- The International Annual Conference of the Egyptian Orthopaedic Association (EOA), Aswan, Egypt, November 1996.
- 2- The American Academy Course of Orthopaedic Surgery and Traumatology (Intensive Revision Lectures), Cairo, Egypt, November 1997.

- 3- The International Annual Conference of the Egyptian Orthopaedic Association (EOA), Cairo, Egypt, November 1998.
- 4- The International Annual Conference of the Egyptian Orthopaedic Association (EOA), Alexandria, Egypt, November 1999.
- 5- The International symposium and workshop on bone and joint surgery in the current decade, arthroscopic knee surgery, foot and ankle surgery, security forces hospital, Riyadh, 28 Oct.-1 Nov. 2000.
- 6- The International Annual Conference of the Egyptian Orthopaedic Association (EOA). Cairo. Egypt, November 2000.
- 7- The International Annual Conference of the Egyptian Orthopaedic Association, Cairo, Egypt, November, 2003.
- 8- The International Training Course on Shoulder Arthroscopy, Algalaa Family Military Hospital, 9-11 April, 2004.
- 9- Recent concepts course in upper limb surgery, collaborated by the Egyptian Orthopaedic Association & Institut d'la Main, Paris, France. Ain Shams Specialist Hospital, November, 2004.
- 10- The International Annual conference the Egyptian Orthopaedic Association, Cairo, December, 2004.
- 11- The Course on Basic and Advanced Knee Arthroscopy, organised by the Egyptian Group of Arthroscopy and Sports Injury (EGASI) in collaboration with Orthopaedic Department-Kasr El Eini Hospitals-Cairo University, 16-17 December, 2004.
- 12- The Course on Advanced Knee Arthroscopy, organised by the Egyptian Group of Arthroscopy and Sports Injury (EGASI) in collaboration with Orthopaedic Department-Ain Shams University Hospitals, 21<sup>st</sup>-22<sup>nd</sup> April 2005.
- 13- The International Symposium of Knee and Shoulder Surgery, Vienna Grand Hotel, Vienna, Austria, 17<sup>th</sup>-18<sup>th</sup> June, 2005.
- 14- The cadaveric workshop on arthroscopic shoulder and knee surgery, L'chole de sherurgie, Paris, 1<sup>st</sup>- 4<sup>th</sup> February, 2006.
- 15- The Course on advanced knee arthroscopy organised by Egyptian group of arthroscopy and sport injuries (EGASI) in collaboration with orthopaedic department-Alex. University (as instructor) 27-28 April 2006.

- 16- The Biennial ESSKA Conference, Innsbruck, Austria, 23-27 May 2006 as a paper participant (Arthroscopic treatment of patients with moderate arthrofibrosis after total knee replacement).
- 17- The Biennial ISAKOS conference, Florence, Italy, 26-31 May, 2007.
- 18- The Biennial ISAKOS conference, Osaka, Japan, 4-9 April, 2009.
- 19- The Biennial ISAKOS conference, Rio de Janeiro, May, 2011.
- 20- The Biennial ESSKA conference, Geneva, Switzerland, May, 2012.
- 21- The Patella, Lyon, France, September 20-22, 2012.
- 22- The Meniscus, Versailles, Paris, France, 3-4 February 2013.
- 23- The Biennial ISAKOS conference, Toronto, Canada, May, 2013.
- 24- The European League Against Rheumatology (EULAR) annual congress, 12- 15 June 2013, Madrid, Spain with a poster presentation.
- 25- Stem cells and cartilage repair, focuss meeting, ICRS, Bologna, Italy, 5-6 December, 2013.
- 26- The 3<sup>rd</sup> shoulder live surgery course, Queen Elizabeth Hospital, Birmingham, UK, 8<sup>th</sup> of March, 2014.

## **References**

- 1- Prof. Dr. Dr. J. Jerosch, head of Department for orthopaedic surgery, Johanna-Etienne Hospital, Am Hasenberg 46, 41462 Neuss, Germany. E-mail: [j.jerosch@jek-neuss-de](mailto:j.jerosch@jek-neuss-de).
- 2- Prof. Dr. C. P. Benedetto, head of department of orthopaedic traumatology and sports medicine, Landeskrankenhaus Feldkirch, Austria.
- 3- Prof. Dr. Ahmed Abdul-Aziz , Professor of Orthopaedic Surgery, Cairo University. 1<sup>st</sup> Hijaz Square, Safa tower, Mohandessin, Cairo, Egypt.
- 4- Dr. Hasan Youssef Ghaly, FRCS, Consultant Orthopaedic Surgery and Traumatology. Dr. Erfan and Bagedo Hospital, Po. box 6519, Jeddah 21452 Saudi Arabia.
- 5- Prof. Dr. Ahmed Hassan, Drch Ortho, Professor of Orthopaedic Surgery, Alexandria University, El Hadara Orth. University Hospital Egypt.

- 6- Dr. Khalid Noaman, M.D. FACH. Knee surgeon. Dr. Erfan and bagedo Hospital. Jeddah-Saudi Arabia.
- 7- Prof. Dr.Abol-Fotooh Eid, DrCh Ortho, Prof. of Orthopaedic Surgery, Alexandria University. El-Hadra Orthopaedic and Traumatology University Hospital, Alexandria, Egypt.
- 8- Prof. Dr. Abdel-Rahman Amer, DrCh Ortho, Prof of Orthopaedic Surgery. Alexandria University, El-Hadra Orthopaedic University Hospital, Alexandria, Egypt.