

# CURRICULUM VITAE (CV)

**Name:** Nariman E. M. I. Abol Oyoun

**Current Position:**

Lecturer of Orthopaedic Surgery & Traumatology,  
Assiut University, Egypt

**Subspecialty:** Pediatric Orthopaedics

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**Date & place of birth:** December 15<sup>th</sup>, 1977, Assiut, Egypt.

**Nationality:** Egyptian.

**Fully registered in Egypt**

**Undergraduate Education:**

Egyptian primary and secondary education program, Assiut, Egypt 1983-1995.

**Jobs held, duties, Medical Education and Training:**

- **Lecturer of Orthopaedic Surgery**, Assiut University, Egypt (current position as of December 30<sup>th</sup>, 2012)
- **Assistant Lecturer of Orthopaedic Surgery**, Assiut University, Egypt (since March 22<sup>nd</sup>, 2006 until December 30<sup>th</sup>, 2012)



As lecturer I teach theory & practical clinical rounds to final year medical students studying orthopedic surgery.

I also share the responsibility, together with my colleagues at the department of Orthopaedic surgery, of training the House Officers, Residents, Fellows and Assistant Lecturers at the department of orthopedic surgery and the University Children's Hospital.

I have a weekly schedule of:

- Two days at the OR.
- One day at the outpatient clinic (exclusively for Pediatric Orthopaedics) + one weekly clinical and x-ray Conference.
- Once weekly final year medical student teaching.

- **CHOP/SICOT Research Fellow at The Children's Hospital of Philadelphia** (January 2014 through June 2015)
- **Observership at the Hospital for Sick Children (SickKids) in Toronto, Canada** in November, 2011 as a part of the COUR-Scholarship of the POSNA prior to attending the IPOS, 2011.
- **Fellow of Pediatric Orthopaedics at Altona Children Hospital in Hamburg Germany** from October 1<sup>st</sup> 2007 till September, 30<sup>th</sup> 2009, funded by the **German Academic Exchange Office (DAAD)** in partial fulfillment of my Doctorate Degree. Under the supervision of Dr. med. Ralf Stuecker, I received training in pediatric Orthopaedics in general as well as Pediatric Spine Surgery, especially non-fusion techniques for the management of early onset scoliosis.
- **Demonstrator of Orthopedic Surgery and traumatology** (since March 1<sup>st</sup>, 2006)
- **Orthopaedic and Trauma resident: March 2003- February 2006**, Assiut University Hospital, Egypt

As a part of the residency program I was in involved in:

- Two operative lists per week.
- Two outpatient clinics per week.
- Two Emergency Department morning shifts per week.
- Two Emergency Department night shifts per week.
- Weekly clinical and X-ray Conference. I took part in regular postgraduate teaching on diagnosis, management and problem solving of Orthopaedic Cases.

Note: I'm the first, and yet the only, female orthopedic surgeon in Assiut (my home town), and the third in all Egypt.

➤ **House Officer, March 2002- February 2003**

Assiut University Hospital, Egypt

➤ **Medical Student, 1995- 2001**

Faculty of Medicine, Assiut University.

(Graduated top of my class, 92% score)

**Operations I performed include:**

- Surgery for congenital scoliosis including hemivertebrectomy, fusion in situ, and convex side hemiepiphysiodesis.
- Closed and Open reduction of dislocated hips in cases of DDH with femoral and pelvic osteotomies as indicated.
- Osteotomies around the hip, knee and ankle for deformity correction in pediatric patients as well as skeletally mature patients.
- Hemiepiphysodesis for deformity correction in skeletally immature patients.
- Deformity correction and limb reconstruction using the Ilizarov external fixator as well as other unilateral external fixators in Children.
- Different operative procedures around the hip in Perthes disease including arthrodiastrasis with the hinged Orthofix® external fixator, shelf pelvic acetabuloplasty, Salter innominate osteotomy, and Proximal femoral osteotomies.
- Surgery for CP patients including tendon lengthening, transfer, osteotomies of the proximal and distal femur, and tibia, hip reconstruction, Foot stabilization and reconstruction, and Rhizotomy (I received training in Rhizotomy by operating under supervision of the Pediatric Neurosurgeon Dr. Philip Kunkel at Altona Children Hospital, Hamburg, Germany).
- Posterior Spinal Fusion in Adolescent Idiopathic Scoliosis at skeletal maturity
- Non-fusion surgery for early onset scoliosis to preserve growth of the spine and chest cage including growing rods, and VEPTR (Subject of my Doctorate Thesis), hybrid rib-based distraction devices.
- Adult Spine surgery e.g. discectomy, posterolateral fusion

- Internal fixation of fractured vertebrae with posterior pedicle screws fixation of dorsolumbar fractures, anterior fixation of both cervical and dorsolumbar fractures,
- Posterolateral Corpectomy: in cases of severely comminuted fractures of the spine excision of the fragmented vertebral body and anterior column reconstruction using a structural graft all from a posterior approach after unilateral facetectomy and hemilaminectomy. Fixation with pedicle screws and rods is used as a definitive fixation.
- External fixation of long bone fractures
- Internal fixation of different fractures of the extremities (long bone and articular fractures)
- Hand surgery for cut tendons and nerves
- Attended a large number of internal fixation of pelvic and acetabular fractures, hip and knee arthroscopies, surgical dislocations of the hip as well as total hip and knee arthroplasty.

I have also attended most if not all of the weekly conference at our department held under supervision and personally attended by Professor Dr. Galal Zaki Said the former vice president of the SICOT (the international society of orthopedic surgery and traumatology) where thousands of cases have been reviewed and scientifically discussed with other members of our department.

### **Degrees held:**

- **Medical Doctorate Degree** in Orthopaedic Surgery on November 27<sup>th</sup>, 2012.

A. Thesis title: **“Fusionless Surgery for Scoliosis in Pediatric Cases”**

B. Examination:

- First Part: Fornesic Medicine, Public Health and Statistics
- Second Part: Oral, clinical and written exams in Orthopaedic Surgery, Traumatology, Patholgy and Anatomy

- **Fellow of the European Board of Orthopaedic Surgery & Traumatology.** Exam in Paris, October, 2011.

- **Master's degree, Orthopaedics and trauma Surgery**, Assiut University, 2005 (excellent).

A: Essay: Title "Study of Mutilating Hand Injuries“

B: Examination:

- 1) First Part: Pathology, Anatomy, Physiology, Biochemistry, General and Vascular Surgery
- 2) Second Part: Orthopaedic Exam: Oral, Clinical and Written

- **MB BCh.of Medicine and Surgery** Assiut University, 2001(excellent).

**Awards I've received:**

**AOSpine Middle East Young Researcher Award 2014**

<https://aospine.aofoundation.org/Structure/pages/newsdetail.aspx?newslist=https%3A%2F%2Faospine.aofoundation.org%2Fnews%2FLists%2FNews+Common&newsid=1335>

**SICOT Foundation's Marcela Uribe Zamudio Award 2016** for original scientific work published in English

<http://www.sicot.org/rome-awards>

**Languages spoken:**

- Arabic is my mother tongue.
- English (fluent written and spoken). **TOEFL** exam, March 2006, score 290/300.
- German (fluent written and spoken), ZOP (Zentrale Oberstufenprüfung), September, 2007, score "Gut". According to the Common European Framework of Reference Level Descriptions: C2 Level.
- Farsi (Midlevel)
- Traces of Spanish and Russian.

**Organization Membership:**

Egyptian Orthopaedic Association (EOA) **March 2006 – Present**

American Academy of Orthopaedic Surgeons (AAOS) **April 2008 - Oct 2011**

International Society of Orthopaedic Surgery and Traumatology (SICOT) **2009- Present**

Egyptian Pediatric Orthopaedic Society (EGPOS) **2010 – Present**

AOSpine **June 2015 - Present**

North American Spine Society (NASS) **March 2016 - Present**

### **Journal Publications:**

- Kadhim M, Oyoun NA, Womer RB, Dormans JP. **Clinical and radiographic presentation of pelvic sarcoma in children.** SICOT J, 2018. 4: p. 44.
- Khaled M, Abol Oyoun N, Ragab M, Hafez A. **Rate of correction of angular deformities of the knee in skeletally immature patients by Eight-plate temporary hemiepiphyodesis.** J Orthop Trauma Surg Rel Res, 2018.13 (1): p. 32
- Abol Oyoun N, Kadhim M, and Dormans JP, **Late-onset superior mesenteric artery syndrome four years following scoliosis surgery – a case report.** SICOT-J, 2015. 1: p. 12.
- Grigoriou, E, Abol Oyoun N, Kushare I, et al., **Comparative results of percutaneous Achilles tenotomy to combined open Achilles tenotomy with posterior capsulotomy in the correction of equinus deformity in congenital talipes equinovarus.** Int Orthop, 2015. 39(4): p. 721-5.
- Abol Oyoun N., Davidson R.S. (2014) **Femoral Lengthening with MAC External Fixation System.** In: Rozbruch S., Hamdy R. (eds) Limb Lengthening and Reconstruction Surgery Case Atlas. Springer, Cham
- Abol Oyoun N., Davidson R.S. (2014) **Proximal Tibial Recurvatum and Ipsilateral Short Femur Treated with a MAC External Fixation System.** In: Rozbruch S., Hamdy R. (eds) Limb Lengthening and Reconstruction Surgery Case Atlas. Springer, Cham
- Abol Oyoun N, and Stuecker R, **Bilateral rib-to-pelvis Eiffel Tower VEPTR construct for children with neuromuscular scoliosis: a preliminary report.** Spine J, 2014. 14(7): p. 1183-91.
- Nariman Abol Oyoun, Aly Mohamedean, Mohammad El-Sharkawi, Faisal Adam, Ralf Stuecker: **Efficacy of VEPTR after Convex Hemiepiphyodesis in Congenital Scoliosis.** Pan Arab J. Orth. Trauma 2012; Vol. (16) No. (2)
- Mohamed Z Hatata, Nariman Aboloyoun, Eva M Bilke, Ralf Stuecker: **Clinical and Radiological Aspects of Closed Reduction in Developmental Dysplasia of the Hip Treated in the First Six Months.** KMJ 2009;41/3:236-239

## **Conferences, Courses and Meetings Attended:**

**Statistical Analysis using STATA (II), DAAD Kairo Akademie**, November 11, 2018, Cairo, Egypt

**AOPEER Principles of Clinical Research Course – Instructor**, November 1-2, 2018, Assiut, Egypt

**AOPEER Principles of Clinical Research Teachers’ Seminar**, October 31, 2018, Assiut, Egypt.

**28<sup>th</sup> Annual Baltimore Limb Deformity Course**, August 24-26, 2018, Baltimore, USA.

**AOPEER Principles of Clinical Research Course**, January 18-19, 2018, Cairo, Egypt.

**69<sup>th</sup> Annual International Conference of the Egyptian Orthopaedic Association**, December 11-14, 2017, Cairo, Egypt

**Oral Presentation:** Rate of correction of angular deformities of the knee in skeletally immature patients by eight-plate temporary hemiepiphysiodesis

**Statistical Analysis using STATA, DAAD Kairo Akademie**, November 9, 2017, Cairo, Egypt

**12<sup>th</sup> Upper Egypt Pediatric Conference**, October 26-28, 2017, Hurghada, Egypt  
**Oral Presentation:** Common pediatric orthopaedic problems

**68<sup>th</sup> Annual International Conference of the Egyptian Orthopaedic Association**, Nov 28 - Dec 1, 2016, Cairo, Egypt

**Oral Presentation:** Bilateral True Congenital Dislocation of the Shoulder in a Neonate – A Case Report with Two Successful Treatment Modalities

**Scoliosis Research Society (SRS) 51<sup>st</sup> Annual Meeting and Course**, September 21-24, Prague, Czech Republic

**Poster Presentation:** Risk Factors for Surgical Site Infections in Idiopathic and Neuromuscular Scoliosis after Posterior Spinal Fusion - Analysis of ACS NSQIP Pediatrics Database

**37<sup>th</sup> SICOT Orthopaedic World Congress**, September 8-10, 2016, Rome, Italy

**Global Spine Congress and World Forum for Spine Research**, April 13-16, 2016, Dubai, United Arab Emirates

### **Poster Presentations:**

- Posterior vertebral column resection (PVCR) in Early Onset Spinal Deformities (EOSD)
- Management of early onset scoliosis using Growing Spine Profiler (GSP)

**AOSpine Masters Level Specimen Course—Degenerative, MIS, and Trauma,**  
October 17-19, 2015, Dubai, United Arab Emirates

**AOSpine & AOTrauma Principles Course—Education in Research,** October 15-16, 2015, Dubai, United Arab Emirates

**11<sup>th</sup> International Pediatric Orthopaedics Symposium (IPOS),** December 3-6, 2014, Orlando, Florida

**XXVI SICOT Triennial World Congress / 46<sup>th</sup> Brazilian Congress of Orthopaedics and Traumatology,** November 19-12, 2014, Rio de Janeiro, Brazil

### **Oral Presentations:**

- Percutaneous Achilles Tenotomy vs. Posterior Capsulotomy and Open Tenoplasty in Correction of Equinus in CTEV
- Treatment of Congenital Clubfeet with Ponseti Method in Assiut – A Two-Year Follow-up Study

**3<sup>rd</sup> International Clubfoot Symposium,** June 1-4, 2014, Barcelona, Spain

**Oral Presentation:** The Proven Value of Achilles Tenotomy: 557 clubfeet treated

**Poster Presentation:** Efficacy of Percutaneous Achilles Tenotomy vs. Combined Posterior Capsulotomy and Open Achilles Tenotomy in the Correction of Equinus Deformity in Congenital Talipes Equinovarus

**14<sup>th</sup> EFORT Congress,** June 3-5, 2013, Istanbul, Turkey

**Oral presentation:** Efficacy of VEPTR after convex hemiepiphysiodesis in congenital scoliosis - Three cases

**64<sup>th</sup> Annual International Conference of the Egyptian Orthopaedic Association**  
December 17-20, 2012, Cairo, Egypt



**2<sup>nd</sup> International Clubfoot Symposium**, October 3-5, 2012, Coralville, Iowa

**Oral Presentation:** Ponseti Method in Assiut – A Success on Its Way ☺- A report of 345 clubfeet.

**8<sup>th</sup> International Pediatric Orthopaedics Symposium (IPOS)**, December 7-10, 2011, Orlando, Florida

**Azhar University International Pediatric Foot Symposium**, October 13-14, 2011, Cairo, Egypt.

**Oral Presentation:** Ponseti Method in Assiut – A Success on Its Way ☺- A report of 218 clubfeet.

**Deformity Planning Course**, October 5-7, 2011, Cairo, Egypt

**46<sup>th</sup> SRS Annual Meeting and Pre-Meeting Course**, September 14-17, 2011, Louisville, Kentucky

**AAOS 2011 Annual Meeting**, February 15-19, 2011, San Diego, California.

**62<sup>nd</sup> Annual International Congress of the Egyptian Orthopaedic Association** December 6-9, 2010, Cairo, Egypt.

**Cairo International Paediatric Orthopaedic Symposium** during the previous congress. **Oral Presentation:** Ponseti Method in Assiut- a Success on its way, 127 Clubfeet.

**Cerebral Palsy Symposium** during the visit of **Prof. Freeman Miller**, November 1-4, 2010, Cairo, Egypt.

**The Pediatric Upper Limb** September 23-24, 2010, Cairo Egypt. An instructional course by the ESSHM (Egyptian Society for Surgery of the Hand and Microsurgery)

**17<sup>th</sup> IMAST (International Meeting on Advanced Spine Techniques)** July 21-24, 2010, Toronto, Canada. **Poster Presentation:** Bilateral Rib-to-Pelvis VEPTR “Eiffel Tower” Construct for Children with Neuromuscular Scoliosis- Preliminary Results

**6<sup>th</sup> International ASAMI & Bone Reconstruction Meeting in Collaboration with the 6<sup>th</sup> International Deformity Conference of the Egyptian Orthopaedic Association (EOA)** June 16-19, 2010, Cairo, Egypt.

**2<sup>nd</sup> Mansoura International Foot and Ankle Course** 23-26 March 2010, Mansoura, Egypt.

**Cairo International Symposium on Cerebral Palsy (CP from Basics to Updates)** February 10-12, 2010, Cairo, Egypt.

**61<sup>st</sup> Annual International Congress of the Egyptian Orthopaedic Association** December 14-17, 2009, Cairo, Egypt.

**IFPOS Paediatric Orthopaedic Course** December 14-16, 2009, Cairo, Egypt.

**Mansoura One Day Course: Perthes' Disease:100 Years after. Oral Presentation: Arthrography in Legg-Calvé-Perthes Disease.** October 29, 2009, Mansoura, Egypt.

**The 58<sup>th</sup> Annual Meeting of the North German Association of Orthopaedic Surgeons** June 18-20, 2009, Hamburg, Germany.

**Hip Sonography Course for Hip Dysplasia (Refresher Course).** During the previous congress.

**The 28<sup>th</sup> Annual Meeting of the European Paediatric Orthopaedic Society (EPOS)** April 1-4, 2009, Lisbon, Portugal.

**The 23<sup>rd</sup> Annual Meeting of the German Pediatric Orthopaedic Association (VKO)** March 20-21, 2009, Ulm, Germany.

**Oral Presentation:** VEPTR-Eiffelturm Konstruktion bei der Behandlung neuromuskulärer Skoliosen – Vorläufige Ergebnisse

**Basler Symposium for Pediatric Orthopaedics** September 5-6, 2008, Basel Switzerland.

**Hip Sonography Course for Hip Dysplasia (Basic and Advanced Course)** September 22-26, 2008, Stolzalpe, Austria.

**The 57<sup>th</sup> Annual Meeting of the North German Association of Orthopaedic Surgeons** June 12-13, 2008, Hamburg, Germany.

**The 27<sup>th</sup> Annual Meeting of the European Paediatric Orthopaedic Society (EPOS)** April 9-12<sup>th</sup>, 2008, Warsaw, Poland.

**The 22<sup>nd</sup> Annual Meeting of the German Pediatric Orthopaedic Association (VKO)** March 14-15, 2008, Berlin, Germany. **Poster Presentation:** VEPTR after Convex Hemiepiphysodesis for Congenital Scoliosis.

**The meeting of the Chest Wall and Spinal Deformity Study Group.** January 2008, Naples, Florida. Oral Presentation: VEPTR after convex hemiepiphysodesis for congenital scoliosis. R. Stücker & N. Abol Oyoum

**The 3<sup>rd</sup> International Course of Skeletal Deformities Correction** April 25-27, 2007, Cairo, Egypt.

**Mansoura International Clubfoot Course** February 13-15, 2007, Mansoura, Egypt.

**58<sup>th</sup> Annual International Congress of the Egyptian Orthopedic Association.** December 4-7, 2006, Cairo, Egypt.

**Intensive Course XIX of the Egyptian Orthopedic Association (Femur: the thigh bone from A to Z)** September 7-8<sup>th</sup>, 2006. Cairo, Egypt.

**The 2<sup>nd</sup> International Course of Skeletal Deformities Correction** May 18-20<sup>th</sup>, 2006. Cairo, Egypt.

**Basic Ilizarov Application (I & II) workshop** during the same previous course.

**57<sup>th</sup> Annual International Congress of the Egyptian Orthopedic Association**  
November 2005, Cairo, Egypt.

**Intensive Course XVII of the Egyptian Orthopedic Association (Review Course on Fracture Treatment)** September 22-23, 2005. Cairo, Egypt.

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Last updated December 23<sup>rd</sup>, 2018

**References for confirmation:**

**Professor Dr. Galal Zaki Said**

Professor and founder of the Department of orthopedic surgery and traumatology,  
Assiut University, Egypt.

National Delegate & former Vice president of SICOT, AO Trustee in Egypt.

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**Professor Dr. John P. Dormans**

Riley Children's Hospital, Indiana University Health, Garceau Chair in Orthopedic  
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