

Personal Information

Name: Hisham Abdel-Ghani

Date of Birth: 13/02/1969

Place of birth: Cairo

Nationality: Egyptian

Family: Married, 3 children

Contact Information

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New Children Hospital (Abou El Reesh Hospital), Faculty of Medicine,
Cairo University, Al Mounira, Cairo, Egypt.

Private clinics:

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Tel + 202 35696954, +2 01143643090

(2)Cairo Medical Center, 6th of October city, Giza, Egypt.
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Professional Qualifications

- M.B.B.Ch. Dec. 1992, Cairo University
- Master of Science in Orthopedics, Nov. 1996, Cairo University
- M.D. Orthopedics, Nov. 2000, Cairo University
- Diploma of Societe Internationale de Chirurgie Orthopedique et de Traumatologie, (SICOT), Sep. 2003

Positions Held

- House officer, Mar. 1993 to Mar. 1994, Cairo University hospitals
- Resident of Orthopedics, Mar. 1994 to Mar. 1997, Cairo University hospitals
- Assistant Lecturer in Orthopedics and pediatric orthopedics, Apr. 1997 to Apr. 2001, Cairo University
- Lecturer in Orthopedics and pediatric orthopedics, Kasr El Aini hospitals, and Children University Hospital, Cairo University Apr. 2001 to Jun. 2006
- Assistant Professor of Orthopedics, Cairo University, June 2006 – June 2011.

Current Positions

- Professor of Pediatric Orthopaedics, Faculty of Medicine, Cairo University, June 2011 till now.
- Consultant of Pediatric Orthopedics, New Children Hospital, Faculty of Medicine, Cairo University, 1997 – present.
- Consultant of pediatric orthopedics, and pediatric hand surgery, New Kasr El Aini teaching hospital, Cairo, Egypt
- Consultant of pediatric orthopaedics, As-Salam International Hospital, from 2010 – present.
- Consultant of pediatric orthopaedics, Dar Al Foad Hospital, from 2012 – present.

Fellowships, Memberships, Board Membership

- Fellowship of AO International in Center Of Ambulatory Surgery, Freiburg, Germany, Jan. 10 to Mar. 03, 2000.
- Member of the European Pediatric Orthopedic Society (EPOS), 2003.
- Member of the Societe Internationale de Chirurgie Orthopedique et de Traumatologie (SICOT) 2003.
- Member of American Academy of Cerebral Palsy and Developmental Medicine (AACPD).
- Member of ASMI & EF Egypt.
- Member of Egyptian Group of Pediatric Orthopedic Surgeons (EGPOS) 1998 – 2010.
- Member of Egyptian Society for Surgery of the Hand and Microsurgery.
- Member of Egyptian Orthopedic Association (EOA).

- Member and founding member of the Egyptian Paediatric Orthopaedic Society (EGPOS)
- Board member of EGPOS from 2012 - 2014
- Board member of the International Journal of Orthopaedics (ISSN 2311-5106), from April 2014.
- Reviewer in the SICOT journal 2014 till now.
- Member of the scientific board of the Professional Diploma of Limb reconstructive surgery and correction of deformity (LRS), from 2010 till now.
- Member of the scientific board of the Egyptian Diploma of Pediatric Orthopedics, from 2018.

Clinical Experience

- Pediatric hip, knee and foot surgery
- Pediatric upper limb surgery
- Cerebral palsy and paralytic problems
- Limb lengthening and reconstruction
- Microsurgery, pediatric hand problems and brachial plexus palsy

Awards

- Hasan Hamdy award for scientific activities, Cairo University, 2005.
- Certificate of appreciation for international publications, Cairo University, 2010.
- Certificate of appreciation for international publications, Cairo University, 2013.
- Certificate of appreciation for international publications, Cairo University, 2016.
- Paul Manske award for congenital manuscript of the year 2017 "Treatment of congenital clasped thumb in arthrogyrosis"
- Certificate of appreciation for international publications, Cairo University, 2018.

Teaching Experience

- Post graduate teaching in Faculty of Medicine, Cairo University
- Organization of the regular scientific meeting of department of orthopaedics, Cairo University, from 2004 till present (3 meetings per year)
- Invited speaker &/or course instructor in:
 - Regular meetings of Egyptian Group of Pediatric Orthopaedic

Surgeons (EGPOS)

- Egyptian orthopaedics' fellowship teaching program
 - Regular Meetings of ASAMI / EF Egypt.
- Invited speaker in the XX intensive course shoulder surgery. March 22 – 23, 2007, Cairo, Egypt. (Shoulder problems in brachial plexus palsy)
 - Organization of Kasr El Ainy International clubfoot course and workshop on Ponseti Method, 20, 21 Feb. 2008 in Learning and resource centre (LRC), Faculty of Medicine, Cairo University. Guest speakers, Henri Bensahel (Fra), Shafique Pirani (Can) and Jennifer McCahill (UK).
 - Faculty member in the AO trauma course, principles in operative fracture management. June 26 – 30, 2009. Cairo, Egypt. (What is different in paediatric trauma).
 - Invited speaker in the orthopedic review course organized by the October 6 University and Arab Medical Union, 3 – 5 May, 2009. October 6 University, Egypt. (congenital malformation of the hand, biomechanics of the foot, spotlights on cerebral palsy)
 - Organization and faculty member of Kasr El Ainy orthopaedic trauma course, 4 - 6 Jan, 2010, Conducted at the LRC (learning and resource center), faculty of medicine, Cairo University. (Paediatric trauma, gunshot and shotgun injuries)
 - Organization and faculty member of Kasr El Ainy orthopaedic review course, 10 -13 Jan, 2010. Conducted at the LRC (learning and resource center), faculty of medicine, Cairo University. (Basic terminology in biomechanics and biomaterials, neurofibromatosis, osteotomy rules to correct mal alignment and mal orientation of the lower limb, determinants of normal gait, management of hip problems in cerebral palsy, pathogenesis of Perthes' disease).
 - Moderator of the meetings of the Egyptian Group of Paediatric Orthopaedic Surgeons held in the paediatric hospital, Faculty of Medicine, Cairo University, 2006, 2008, 2009.
 - General Secretary of the Cairo International Symposium on Cerebral Palsy, 10 – 12 Feb. 2010. Conducted at the LRC (learning and resource center), faculty of medicine, Cairo University. Guest speakers; Michael Sussman (USA), Barry Russman (USA), Reinald Brunner (SWI), Jennifer McCahill (UK), Marek Jozwiak (POL), Unni Narayanan (CAN).
 - Invited speaker in skeletal deformities symposium and workshop, 17 – 18 Feb. 2010, Saudi German Hopital, Jeddah, Saudi Arabia. (congenital malformation of the

hand and forearm, pollicisation, thumb index syndactyly, radial club hand, minimal invasive technique for treatment of Blount disease, Ilizarov hip reconstruction, osteotomy rules to correct mal alignment and joint mal orientation of the lower limbs, patient management during limb lengthening).

- Invited speaker in the 9th Egyptian Congress of Osteoporosis and Osteoarthritis (ECOO 2010). Apr. 15 – 17, 2010. Cairo, Egypt. (Updates on etiology and diagnosis of osteoporosis in children and adolescents).
- Invited speaker in 6th of October University orthopaedic review course. Apr. 17, 2010. (spotlights on cerebral palsy, congenital malformation of the hand)
- Invited speaker in the 3rd orthopaedic congress of Saudi German Hospital. June 28 – 30, 2010 (congenital malformation of the hand and forearm)
- Organization and faculty member of Kasr El Ainy orthopaedic trauma course, 12 - 14 Jan, 2010, conducted at the LRC (learning and resource center), faculty of medicine, Cairo University. (Paediatric trauma, gunshot and shotgun injuries)
- Invited speaker in Paediatric upper limb course organized by the Egyptian Society of Surgery of the hand and microsurgery (ESSHM), 23-24 Sep. 2010. (Radial club hand, congenital malformations of the thumb).
- Organization and faculty member of Kasr El Ainy orthopaedic review course, 18 – 21 Jan, 2011. Conducted at the LRC (learning and resource center), faculty of medicine, Cairo University. (Basic terminology in biomechanics and biomaterials, neurofibromatosis, osteotomy rules to correct mal alignment and mal orientation of the lower limb, determinants of normal gait, Basic principles of cerebral palsy, management of hip problems in cerebral palsy, pathogenesis of Perthes' disease).
- Organization of Kasr Al Aini one day course on Basic Science in Orthopaedics. 23 Feb. 2012, Learning and resource center (LRC). (Basic terminology in biomechanics, Foot biomechanics)
- Organization of Kasr Al Ainy Orthopaedic Review Courses. Trauma 28-30 March. 2012, Orthopaedics, 3-6 April. 2012. At LRC, Faculty of Medicine, Cairo University.
- Faculty member in the AO Trauma Hand Course – Principles in Operative Fracture Management. June 23 – 25, 2012. Cairo, Egypt. (Intra articular injuries and Metacarpo-phalangeal joint injuries).
- Invited speaker in 64th annual international conference of the Egyptian Orthopaedic Association. Dec. 17-20, 2012. Cairo, Egypt. (Recent Trends in Management of SCFE, Hip in Cerebral Palsy).

- Invited speaker in the 11th annual congress of Egyptian Society for Osteoporosis & Geriatrics – ECOO 2013 - on 11th - 13th April 2013, Cairo, Egypt. (Bone health, nutrition and medical supplements in children and adolescents).
- Organization of 2nd Kasr Al Ainy Orthopaedic Basic Science Course, Apr. 25 -26, 2013. (Foot biomechanics, frontal plane alignment of the lower limb and osteotomy rules, normal gait biomechanics, diagnosis of osteoporosis in children, bone health and medical supplements, biomechanics of flexible intramedullary nails).
- Organization of 2nd Kasr Al Ainy meeting on recent trends in orthopaedics, May 9, 2013, Cairo University. (Tendon transfer around the shoulder for treatment of internal rotation contracture after brachial plexus birth palsy).
- Organization of 1st Kasr Al Ainy deformity planning workshop, Jan 1,2, 2014, LRC Faculty of Medicine, Cairo University.
- Organization of 2nd Kasr Al Ainy deformity planning workshop, Jan 18,19, 2014, LRC Faculty of Medicine, Cairo University.
- Organization of combined clinical meeting of Egyptian Orthopaedic Association and Orthopaedic Department, Faculty of Medicine, Cairo University. Feb 13, 2014. LRC, Faculty of Medicine, Cairo University.
- Invited speaker in Tanta University cerebral palsy instructional course lecture. April 10, 2014, (spastic diplegia, lever arm dysfunction, crouch gait, foot deformities in cp).
- Chairman and organizer of a session on congenital malformation of the hand in The 7th international conference of Egyptian Society for Surgery of the Hand and Microsurgery, March 20 -23, 2014, Hurghada, Egypt.
- Invited speaker in 10th Pan Arab Child Neurology Conference (PACNA). April 16 – 17, 2014. Alexandria. (Biomechanics of normal gait)
- Invited speaker in Hot topics in neonatology and pediatric practice. April 24 – 26, 2014. Alexandria, Egypt. (Common pediatric orthopaedics problems in pediatric practice).
- Guest speaker in 3rd Neonatal GOTHI Conference in collaboration with Neonatal Department, Cairo University, Oct. 29- 03, 2014 (Neonatal Orthopaedic Emergencies).
- Invited speaker in the 10th Biennial conference of Pan African Pediatric Surgical Association (PAPSA). Cairo 12 – 14 Nov. 2014. (New Technique for Release of Thumb Web Space).

- Invited speaker in the 2nd Annual Conference of Resala Center for Special Needs (CP between reality and hope) in collaboration with Faculty of Physical Therapy, Cairo University. Cairo Nov 25 – 26, 2014. (Spastic Diplegia).
- Organization and speaker in 3rd Orthopaedic Basic Science Symposium, 24, 25 Dec, 2014. Cairo University.
- Invited speaker in Helal Hospital Pediatric Trauma Symposium. 30 Dec, 2014. Helal Hospital, Cairo. (Introduction to pediatric trauma, SC fracture humerus, fracture lateral humeral condyle, fracture medial humeral condyle, flexible intramedullary nailing).
- Invited speaker in 66th international annual conference of Egyptian Orthopedic Association. 15 – 19, Dec. 2014. Cairo, Egypt. (international publication, spastic diplegia).
- Invited speaker in 11th pan arab child neurology conference (PACNA). 1 – 3, April 2015. Alexandria, Egypt. (gait disturbances in CP, spastic diplegia)
- Organization of 4th Orthopedic Basic Science in Orthopedics. 19 -20, Dec 2015. Faculty of Medicine, Cairo University.
- Organization and speaker in 1st Abou El Reesh Pediatric Orthopedic Symposium, 16 -17, Jan 2016. Faculty of Medicine, Cairo University
- Organization and speaker in 2nd Abou El Reesh Pediatric Hand Surgery Symposium, 13 – 14, Feb 2016. Faculty of Medicine, Cairo University.
- Faculty member in AO Trauma-Roadmap to Research, 10 Mar. 2016. Cairo, Egypt. (Ethics in scientific writing)
- Organization and faculty member of 2nd Abou El Reesh Pediatric Orthopaedic Symposium. 11 – 13, Jan 2017. Faculty of Medicine, Cairo University.
- Faculty member of Kasr AL Ainy Orthopaedic Basic science course, 18 – 19, Jan 2017. Faculty of Medicine, Cairo University.
- Invited speaker in the Second Annual Orthopedic Meeting of National Institute of Neuromuscular System. 16 – 17, Feb 2017. (Stiff knee gait, Lever arm biomechanics).
- Invited speaker in 10th international conference of Egyptian Socity of Suregy of the Hand and Microsurgery, 4 – 6 April. 2017. Cairo, Egypt. (embryology and classification of congenital hand differences, hypoplasitic thumb, neglected dislocation of radial head, treatment of clasped thumb in arthrogyposis. Round

table discussion on shoulder problems in OBPP).

- Invited speaker in the 4th international conference for the Arab society of therapeutic nutrition and complementary medicine. 6 April 2017. (Vit. D in pediatric practice)
- Invited speaker in 21st Egyptian Society of Child Neuropsychiatry (ESCNP) conference in collaboration with International Child Neurology Association (ICNA) and African Child Neurology Association (ACNA), May 10th – 11th , 2017, Alexandria, Egypt. (sensation in CP)
- Invited speaker in a pre-course on (un solved problems in pediatric hand surgery, controversy, pitfalls and future need). In the 72nd annual meeting of American Society of Surgery of the hand (ASSH). Sep 6 – 10, 2017. USA, San Francisco. (no thumb index web space).
- Invited speaker in 3rd annual meeting of Alexandria physiotherapy syndicate. Oct, 6 – 7, 2017. Alexandria. (Sensation in CP)
- Invited speaker in the annual conference of Orthopaedic department, Al Azhar university – Damietta. Oct. 11 – 13, Ras El Bar, Egypt. (Deformity planning and osteotomy roles, frontal plane deformities around the knee).
- Invited speaker in Oswestry like course. Oct. 26, 2017. Cairo, Egypt.
- Organization and faculty of Kasr El Ainy deformity Planning course. Dec. 27 – 28, 2017. LRC, Cairo University.
- Faculty member in Kasr El Ainy Orthopedic Basic Science. Jan. 11 – 12, 2018. LRC, Cairo University. (How to write references, Vit D, importance in orthopedic practice.).
- Organization and faculty member of Abou El Reesh Pediatric Orthopedic Symposium. Feb 27 – Mar. 1, 2018.
- Invited speaker in Oswestry like course. Mar. 15,2018. Cairo Egypt.
- Invited speaker in Annual meeting of Faculty of Physical therapy, Cairo University. Mar. 23, 2018. (Management of foot deformities in CP)
- Invited speaker at the 23rd Medteranian Child Neurology Congress and 13th Pan Arab Child Neurology conference. Apr, 26 – 28, 2018, Alexandria, Egypt. (Upper limbs problem in Cerebral Palsy)

1. Dislocation of radial head in children 2002
2. Radial club hand 2003
3. Pelvic osteotomies for treatment of hip dysplasia 2003
4. Review of different methods of treatment of congenital pseudoarthrosis tibia 2004
5. Recent advances in management of proximal femoral focal deficiency 2004
6. Hip arthrodiastasis 2005
7. Pathological anatomy of club foot and the effect of different methods of treatment 2005
8. Shoulder problems in birth palsy 2005
9. Evaluation of Ponseti method as closed management for club feet 2005
10. Recent trends in management of acute flexor tendon injuries of the hand 2006
11. Stress fractures in children 2007
12. Management of limb deformities in achondroplasia 2008
13. Rotational deformities of the lower limbs in children 2009
14. Congenital malformation of the thumb 2009
15. Congenital malformation of the scapula 2009
16. Correction of tibia vara by Ilizarov 2010
17. Supination and pronation deformities in obstetric brachial plexus palsy, 2010
18. Epiphysodesis for correction of limb length inequality, 2010
19. Hip arthrodiastasis for treatment of Perthes' disease, 2010
20. Epiphysodesis for correction of angular deformities of the lower limbs, 2010
21. Methods of prediction of limb length discrepancy, 2010
22. Management of upper limb in arthrogryposis Multiplex Congenita.
23. Comparing separation of syndactyly with and without grafting
24. Flexible titanium nailing for fracture femur in children
25. Modified radialization technique after distraction for treatment of radial dysplasia
26. Transolecranon fixation of supracondylar fracture humerus in children

Supervisor for thesis for MD in Orthopedics

1. Case study in congenital clasped thumb
2. Case study on new technique for treatment of fibular hemimelia
3. Assessment of results of treatment of CP hand
4. Modification of calcaneal lengthening technique
5. Ponseti technique for treatment of club foot

6. Shoulder reconstruction for internal rotation contracture following birth palsy
7. Ulnar lengthening for treatment of multiple osteochondromatosis of the forearm
8. Soft tissue distraction for treatment of radial dysplasia
9. Safe hip surgical dislocation for treatment of slipped capital femoral epiphysis.
10. Management of Perthes disease with shelf acetabuloplasty
11. Soft tissue distraction for management of radial club hand
12. Correction of fixed flexion deformity of the wrist in arthrogryposis
13. latisimas dorsi versus teres major transfer for management of internal rotation of the shoulder in OBPP
14. Free functional muscle transfer to improve the elbow and hand functions in brachial plexus palsy.
15. Forearm derotation osteotomy for correction of supination deformity in Brachial plexus palsy

Examinership

- Post graduate examiner for the Master of Science in Orthopedics
- Examiner for assessment of post graduate thesis and essays
- Examiner in the Egyptian Fellowship of Orthopedics and traumatology (EFOT)
- Examiner in the Professional Diploma in Limb Deformity and Reconstructive Surgery organized by Arab institute for Continuing Professional Development

Publications

1. Prognostic parameters in scoliosis. Essay for partial fulfillment of Master of Science on orthopaedics, 1996, Cairo University.
2. Hypoplastic thumb. Thesis for partial fulfillment of Medical Degree on orthopaedics 2000, Cairo University.
3. Complications of Carroll's technique in correction of clubfoot, *Kasr El-Aini medical journal*, Cairo University, 2002.
4. Use of Ilizarov fixator for treatment of tibial plafond fracture, *Kasr El-Aini medical journal*, Cairo University, 2003.
5. Characteristic of patients with hypoplastic thumb: a prospective study of 51 patients with the results of surgical treatment. *Journal of Pediatric Orthopaedics, Part B* 2004, 13(2):127–138.
6. Correction of relapsed or neglected clubfoot using a simple Ilizarov frame. *International Orthopaedics (SICOT)* 2004, 28:183–186.
7. Complex tibial plateau fractures treated with Ilizarov external fixator with or without

- minimal internal fixation. *International orthopaedics*, 2005. Vol. 29, (3) 182 – 185.
8. Arthroscopic management of discoid lateral meniscus tears. *Egyptian orthopaedic journal*, 2005, Vol. 40. Nol 1: 59 – 63.
 9. Modified dorsal rotational advancement flap for release of the thumb web space, *Journal of hand surgery (British and European volume)*. 2006, 31B: 2: 226 – 229.
 10. Characteristics of patients with congenital clasped thumb. Prospective study of 40 patients with results of treatment. *Journal of Children's Orthopaedics*, Volume 1, Number 5 / November, 2007
 11. Results of treatment of idiopathic clubfoot in older infants using the Ponseti method: a preliminary report. *Journal of Pediatric Orthopaedics B*, 2009, 18:76–78.
 12. Repair of Chronic Rupture of the Achilles tendon using 2 intratendinous flaps from the Proximal Gastrocnemius-Soleus Complex. *The American Journal of Sports Medicine*, 2009, Vol. 37, No. 8, 1570 – 1577.
 13. Management of combined non-union and limb-length discrepancy after vascularised fibular grafting. *Journal of bone and joint surgery*, 2010, Vol. 92-B, No. 2, 267 – 272.
 14. Congenital Cleft Scapula with Type V Ulnar Longitudinal Deficiency: Case Report. *J Hand Surgery* 2010; 35: 813-818.
 15. Latissimus dorsi transfer versus latissimus dorsi and teres major transfer for treatment of internal rotation contracture of the shoulder in brachial plexus birth palsy. *Journal Of Egyptian Orthopaedic Association* 2011.
 16. Flexible flat foot in children, current concept review. *Egyptian Orthopaedic Journal*, 2012.
 17. H. Abdel-Ghani, K. A. Hamdy, N. Basha and Y. N. Tarraf. Tendon transfer for treatment of internal rotation contracture of the shoulder in brachial plexus birth palsy. *J Hand Surg Eur Vol* 2012 37: 781.
 18. H Abdel-Ghani, A Mansour, M Mahmoud, M Ezz Elarab. Liebenberg Syndrome: Case Report and Insight into Molecular Basis. *J Hand Surg* 2013, 38A: 459-465.
 19. New flap for widening of the web space and correction of palmar contracture in complex clasped thumb. *J Hand Surg* 2013; 38A:2251-2256.
 20. Congenital Clasped Thumb. Book chapter in *Congenital anomalies of the upper extremities*. Ed, Donald Laub, Springer US, 2014.
 21. The anatomical reduction of a moderate or severe stable slipped capital femoral epiphysis by modified Dunn subcapital osteotomy using the Ganz approach: functional and radiological outcomes. *Bone Joint J*. 2016 Sep;98-B(9):1283-8.

22. Treatment of congenital clasped thumb in arthrogryposis. The journal of hand surgery (European volume)
23. Treatment of upper extremity contractures/ deformities. *J Pediatr Orthop* 2017;37:S9–S15

Presentations in International Meetings

1. Characteristics of patients with hypoplasia of the thumb, the XXI meeting of EPOS, Istanbul, Turkey, 2002.
2. Simple Ilizarov frame for treatment of relapsed and neglected club foot, 3rd international ASAMI meeting, Turkey, 27 – 29 May, 2004.
3. Pelvic support osteotomy for treatment of neglected hip problems in children and adolescent, 3rd international ASAMI meeting, Turkey, 27 – 29 May, 2004.
4. Use of Ilizarov fixator for treatment of tibial plateau fracture, 3rd international ASAMI meeting, Turkey, 27 – 29 May, 2004.
5. Characteristics of patients with congenital clasped thumb. Prospective study of 40 patients with results of treatment. 25th EPOS Meeting, Dresden, Apr. 5 – 8, 2006.
6. Simple Ilizarov frame for correction of neglected and relapsed clubfoot. II world congress on external fixation, Oct. 17 – 19, 2007. Cairo, Egypt.
7. Congenital Split scapula, case report, Cairo international hand conference, sponsored by the American Association for Hand Surgery and the Egyptian Society for Surgery of the Hand and Microsurgery, March 24 - 27, 2008, Cairo Egypt.
8. Management of limb deformities following use of vascularised fibula after tumour resection in the skeletally immature. EPOS 27th Annual meeting, April 9 - 12, 2008, Warsaw, Poland.
9. Secondary reconstruction after vascularized fibular graft done for limb salvage after tumour resection in the skeletally immature. 5 th Meeting of ASAMI. May 28 - 30, 2008, St. Petersburg. Russia.
10. Modified dorsal rotational advancement flap for release of thumb web space. 8th world symposium on congenital malformation of the hand and upper limb, Sep. 10 -12, 2009, Hamburg, Germany.

11. Rare scapular malformation; is it true duplication or split scapula? Case report. 8th world symposium on congenital malformation of the hand and upper limb, Sep. 10 - 12, 2009, Hamburg, Germany.
12. Latissimus dorsi transfer versus latissimus dorsi and teres major transfer for treatment of internal rotation contracture of the shoulder in brachial plexus birth palsy. 4th ESSHM congress, 1-3 Feb. 2011. Luxor, Egypt.
13. Tibia and fibula instead of radius and ulna. New description of Libenberg syndrome. 4th ESSHM congress, 1-3 Feb. 2011. Luxor, Egypt.
14. Liebenberg syndrome, case report and new description. 9th world symposium on congenital malformation of the hand and upper limb, March 22-24, 2012. Scottish Rite Hospital, Dallas Tx. USA.
15. Focal fibrocartilaginous dysplasia of the distal radius: case report. 9th world symposium on congenital malformation of the hand and upper limb, March 22-24, 2012. Scottish Rite Hospital, Dallas Tx. USA.
16. Rare severe complex syndactyly. What to do? 9th world symposium on congenital malformation of the hand and upper limb, March 22-24, 2012. Scottish Rite Hospital, Dallas Tx. USA.
17. Characteristics of patients with congenital clasped thumb. 9th world symposium on congenital malformation of the hand and upper limb, March 22-24, 2012. Scottish Rite Hospital, Dallas Tx. USA.
18. Combined dorsal index flap and palmar rectangular flap: a new flap for release of palmar contracture of clasped thumb. 9th world symposium on congenital malformation of the hand and upper limb, March 22-24, 2012. Scottish Rite Hospital, Dallas Tx. USA.
19. Tendon transfer around the shoulder for treatment of internal rotation contracture of the shoulder in brachial plexus birth palsy. 64th annual international conference of the Egyptian Orthopaedic Association. Dec. 17-20, 2012.
20. Liebenberg syndrome, case report and insight into molecular basis. 64th annual international conference of the Egyptian Orthopaedic Association. Dec. 17-20, 2012.
21. Tendon transfer around the shoulder for treatment of internal rotation contracture of the shoulder in brachial plexus birth palsy. (Paper poster) in the 32nd annual meeting of EPOS, Apr. 18 -20, 2013, Athens, Greece.
22. Tendon transfer around the shoulder for treatment of internal rotation contracture of the shoulder in brachial plexus birth palsy 6th annual international meeting of Egyptian

- Society of Surgery of the Hand and Microsurgery, May 9-10, 2013, Cairo Egypt.
23. Liebenberg syndrome, case report and insight into molecular basis. 6th annual international meeting of Egyptian Society of Surgery of the Hand and Microsurgery, May 9-10, 2013, Cairo Egypt.
 24. Treatment of congenital clasped thumb in arthrogryposis. Second international symposium in arthrogryposis. Sep 16 -19, 2014. Saint Petersburg, Russia.
 25. Treatment of congenital clasped thumb in arthrogryposis (E-poster). 34th annual meeting of Epos. 15 -19 April. 2015. Marseille, France.
 26. Treatment of congenital clasped thumb in arthrogryposis. 10th world symposium of congenital malformation of the hand and upper limb. 7 – 9, May 2015. Rotterdam, The Netherlands.
 27. Non grafting technique for release of syndactyly. Comparative study. 10th world symposium of congenital malformation of the hand and upper limb. 7 – 9, May 2015. Rotterdam, The Netherlands.
 28. Elbow anatomy in typical mirror hand (ulnar dimelia), (E-Poster). 10th world symposium of congenital malformation of the hand and upper limb. 7 – 9, May 2015. Rotterdam, The Netherlands.
 29. Treatment of congenital clasped thumb in arthrogryposis. 21 -22, Oct. 2016. 3rd Middle East Pediatric Orthopaedic Society Annual Meeting.
 30. The anatomical reduction of a moderate or severe stable slipped capital femoral epiphysis by modified Dunn subcapital osteotomy using the Ganz approach. 21 -22, Oct. 2016. 3rd Middle East Pediatric Orthopaedic Society Annual Meeting.
 31. No thumb index web space. 72nd annual meeting of American Society for Surgery of the Hand, Sep. 6 – 10, 2017. Pre-course on unsolved problems in pediatric hand surgery, controversy, pitfalls and future needs. Sep. 9, 2017. San Francisco, USA.
 32. Dorsal wedge carpectomy versus Volar wrist release for treatment of wrist flexion deformity in arthrogryposis. Preliminary report. World symposium of congenital malformation of the hand and upper limb 2018. Mrc. 7 – 10, 2018. Hong Kong.
 33. Dorsal wedge carpectomy versus Volar wrist release for treatment of wrist flexion deformity in arthrogryposis. 3rd international symposium on arthrogryposis, 24 – 26 Sep. 2018. Philadelphia, Pennsylvania, USA.

1. Pollicization
2. Treatment of internal rotation contracture of the shoulder secondary to brachial plexus palsy
3. Shoulder problems in brachial plexus palsy in children
4. Congenital malformation of the hand
5. Patient management during limb lengthening
6. Cerebral palsy
7. Hypoplastic thumb
8. Mirror hand and foot
9. Orthopedic related syndromes
10. Radial club hand
11. Thumb index syndactyly
12. Congenital split scapula
13. Minimal invasive technique in management of Blount disease
14. Osteoporosis in children
15. Ilizarov hip reconstruction in treatment of late sequelae of neonatal hip sepsis
16. Normal gait
17. Principles of pediatric fractures how are they different?
18. Pathology and pathogenesis of LCPD
19. Classification of LCPD
20. Understanding common terminologies in biomechanics and biomaterials
21. Determinants of normal gait
22. Spotlights on cerebral palsy
23. Hip problems in cerebral palsy
24. Neurofibromatosis
25. Shotgun and gunshot injuries
26. What is different in paediatric trauma
27. Osteotomy rules to correct mal alignment and joint mal orientation of the lower limbs
28. Ponseti technique in treatment of CTEV
29. Subacute osteomyelitis
30. Ganz peri acetabular osteotomy
31. Open reduction of slipped capital femoral epiphysis

32. Foot biomechanics
33. Recent trends in management of slipped capital femoral epiphysis.
34. Hip in cerebral palsy
35. Bone health, nutrition and supplements
36. Biomechanics of flexible intramedullary nails
37. Spastic diplegia
38. Common pediatric orthopedic problems in pediatric practice.
39. Gait disturbances in CP
40. Neonatal orthopedic emergencies
41. Bone and joint infection
42. Botox injection, muscle localization in UL.
43. Congenital cleft hand and foot
44. Traumatic dislocation of radial head
45. Treatment of Perthes disease
46. Classification of congenital hand anomalies
47. Supracondylar fracture humerus
48. Fracture lateral humeral condyle
49. Relapsed CTEV, treatment guidelines
50. What should we know about Vit D
51. Flexible flatfoot in children
52. Guided growth
53. Pathology of DDH
54. Open reduction versus closed reduction in management of DDH
55. Stiff knee gait
56. Lever arm biomechanics
57. Osteotomy planning for coxa vara
58. How to diagnose neonatal septic epiphysitis of the hip
59. Late management of acetabular dysplasia
60. Traumatic radial head dislocation
61. Sensation in CP
62. No thumb index web space.
63. Frontal plane deformities around the knee.
64. Foot deformities in CP
65. Rickets, algorithm for diagnosis

66. Ethical perspective in scientific writing
67. How to write scientific paper
68. How to write references

National, regional and international Meetings and Courses

1. Course of Microsurgery in Universitats Kliniken Kantonspital, Basel, Switserland, Feb. 2000.
2. AO/ASIF basic course Sep. 30 to Oct. 5, 1996, Cairo.
3. Advanced Seminar On Limb Reconstruction And Trauma, Sponsored By Orthofix, Mar. 13 – 16, 1997, Cairo.
4. 2nd Middle East Spine Group Meeting, Sep. 24-26, 1997, Cairo.
5. American Academy of Orthopaedic Surgeons Review Course, Nov. 11 – 14, 1997, Cairo.
6. The Annual International Congress of the Egyptian Orthopaedic Association, Nov. 16-19, 1998, Cairo.
7. Basic Microsurgery Workshop, Dec. 5- 9, 1998, At Microsurgery Center, Zagazig University, Egypt.
8. The 5th Annual Meeting Of The Egyptian Society Of Plastic And Reconstructive Surgery On Update On Reconstructive Microsurgery Dec. 10th 1998, Zagazig, Egypt.
9. Course On Ilizarove Technique under Supervision Of Dr. Catagni, Mar. 11 & 12, 1999, Cairo
10. Hand Surgery Course with the Cooperation of American Association of Hand Surgery. Jun. 14 -16, 1999, Cairo
11. 1st International Instructional Course in Hand Surgery, Nov. 20 – 23, 1999, Cairo.
12. Conference on Ilizarov Method Sep. 19 -20, 2001, Cairo
13. Annual International Congress of the Egyptian Orthopaedic Association, Nov. 5 – 8, 2001, Cairo.
14. XXI. Annual Meeting of the European Paediatric Orthopaedic Society, April 17-20th, 2002, Istanbul, Turkey.
15. Instructional Hip Course, in collaboration with the French Orthopaedic Association, Oct. 4-7, 2002, Cairo.
16. Annual International Congress of the Egyptian Orthopaedic Association, Dec. 16 - 19, 2002, Cairo.

17. XXII. Annual meeting of the European Paediatric Orthopaedic Society, April 2-5th, 2003, London, England.
18. The second SICOT/SIROT annual international conference, Sep. 10-13, 2003, Cairo.
19. 2nd International Congress of Egyptian Society of Child Neuro Psychiatry (ESCNP) and 4th Pan Arab Child Neurology Conference in collaboration with International Child Neurology Association (ICNA), with advanced teaching course (Botox in the management of spasticity in children with cerebral palsy) 31st March – 1st April, 2004, Cairo.
20. 3rd international ASAMI meeting, Turkey, 27 – 29 May, 2004.
21. EOA and Institute de La Main (Paris, France), Recent Concepts Course in Upper Limb Surgery. 26 – 28 Nov. 2004.
22. 1st international skeletal deformities course organized by the Egyptian Orthopaedic Association, Cairo, 1-4 March, 2005
23. EOA/AAOS Instructional Course Lecture program “Pediatric Orthopaedics and Pediatric Spine” March 28 – 31, 2005- Cairo, Egypt.
24. International skeletal deformity course organized by the ASAMI & EF India, Goa, 29 April – 3 May, 2005
25. 57th Annual international Congress of Egyptian Orthopaedic Association, Nov. 21 – 24, 2005, Cairo, Egypt.
26. 25th EPOS Meeting, Dresden, Apr. 5 – 8, 2006.
27. Combined clinical meeting of EGPOS and Orthopaedic Department, Alexandria Faculty of Medicine. Jun. 22, 2006.
28. 58th Annual international Congress of Egyptian Orthopaedic Association, Dec. 4 – 7, 2006, Cairo, Egypt.
29. Forth basic course of ASAMI & EF Egypt, Feb. 8 – 9, 2007. Cairo Egypt
30. Mansoura international clubfoot course, Feb. 13 – 15, 2007, Mansoura, Egypt.
31. The XX intensive course shoulder surgery. Mar. 22 & 23, 2007, Cairo Egypt.
32. EPOS/IFPOS Combined meeting. Apr. 11 – 14, 2007. Sorrento, Italy
33. The 3rd International Course of Skeletal Deformities correction. Apr. 25 – 27, 2007. Cairo, Egypt.
34. 59th Annual International Congress of the Egyptian Orthopaedic Association, November 26 - 29, 2007, Cairo, Egypt
35. Instructional course lectures in Pediatric Orthopaedics arranged by EPOS and POSNA, November 26 - 27, 2007, Cairo, Egypt.

36. Cairo international hand conference, sponsored by the American Association for Hand Surgery and the Egyptian Society for Surgery of the Hand and Microsurgery, March 24 - 27, 2008, Cairo Egypt.
37. 60th Annual International Congress of the Egyptian Orthopaedic Association, November 17 - 20, 2008, Cairo, Egypt
38. EPOS 27th Annual meeting and Dega Pre-Meeting course, April 9 - 12, 2008, Warsaw, Poland.
39. 5th international course of skeletal deformities correction in collaboration with the Egyptian Orthopaedic Association. Apr. 29 – May. 1, 2009. Cairo.
40. ASAMI 5th meeting, May 28 - 30, St. Petersburg, Russia.
41. Annual meeting of EOA 2009
42. Winter meeting of the Egyptian Group of Pediatric Orthopaedic Surgeons. Feb. 19, 2009, Abou El Reesh Hospital
43. Annual meeting of Egyptian Osteoporosis Prevention Society on 9th -10th April, 2009, Cairo.
44. AO trauma course, principles in operative fracture management. June 26 – 30, 2009. Cairo, Egypt.
45. 8th world symposium on congenital malformations of the hand, sep. 10 - 12 2009, Hamburg, Germany.
46. Kasr EL Ainy, Orthopaedic trauma review course, 4 – 6 Jan. 2010, Learning and resource center, faculty of medicine, Cairo University, Cairo, Egypt.
47. Kasr EL Ainy, Orthopaedic review course, 10 – 13 Jan. 2010, Learning and resource center, faculty of medicine, Cairo University, Cairo, Egypt.
48. Cairo international symposium on cerebral palsy, 10 – 12 Feb. 2010, Learning and resource center, faculty of medicine, Cairo University, Cairo, Egypt.
49. 29th annual meeting of European Paediatric Orthopaedic Society, Apr. 7 -10, 2010. Zabreb, Croatia.
50. 9th Egyptian Congress of Osteoporosis and Osteoarthritis (ECOO 2010). Apr. 15 – 16, 2010. Cairo, Egypt.
51. 6th International ASAMI and Bone reconstruction meeting. June 16 – 19, 2010. Cairo, Egypt.
52. 3rd International Orthopaedic Congress of Saudi German Hospital “Breakthroughs in Orthopaedics”. June 28 – 30, 2010. Jeddah, Saudi Arabia.
53. 7th International Pediatric Orthopaedic Symposium. Dec. 1 – 4, 2010. Orlando, USA.

54. First clinical meeting of EGPOS, May 26, 2011, Alexandria, Egypt.
55. The 2nd annual conference of Tanta Orthopedic department for hand and microsurgery in collaboration with the Egyptian Society of Surgery of the Hand and Microsurgery. Nov, 24, 2011.
56. 1st annual conference of Paediatric orthopedics and limb reconstruction surgery. 21Feb. 2012. Tanta University, Tanta, Egypt.
57. Advanced Cerebral Palsy review Course. Hosted by Dr. Freeman Miller. Nov 2 – 4, 2011. Alfred I dupont hospital for children, Wilmington, Delaware, USA.
58. 63rd Annual International Conference of the Egyptian Orthopedic Association. Dec., 12-15, 2011. Cairo, Egypt.
59. Shriners Hospitals for Children-Texas Scottish Rite Hospital Advanced Workshop on Brachial Plexus Birth Palsy, March 21st, 2012, Dallas, TX. USA.
60. 9th World Symposium on Congenital Malformations of the Hand and Upper Limb. March 22-24, 2012. Texas Scottish Rite Hospital for Children, Dallas, Tx. USA.
61. AO trauma Hand Course – Principles in Operative Fracture Management. June 23 – 25, 2012, Cairo, Egypt.
62. Cadaver Lab: Lower Extremity and Flaps at the Maryland State Anatomy Board, University of Maryland, Batimore, Maryland. August 30, 2012.
63. 22nd Annual Baltimore Limb Deformity Course at the Marriott Waterfront Hotel, Baltimore, Maryland. August 31- September 2, 2012.
64. 9th International Paediatric Orthopaedic Symposium. Nov. 28 – Dec. 2, 2012, Orlando, Florida, USA.
65. 64th annual international conference of the Egyptian Orthopaedic Association. Dec. 17-20, 2012. Cairo, Egypt.
66. 11th annual congress of Egyptian Society for Osteoporosis & Geriatrics – ECOO 2013 - on 11th - 13th April 2013, Cairo, Egypt.
67. EPOS Bat educational program; Genetic disorders of the skeleton, an update on diagnosis and management. April 17, 2013. Athens, Greece.
68. 32nd annual meeting of European Pediatric Orthopedic Society, April 17-20, 2013, Athens, Greece.
69. 6th annual international meeting of Egyptian Society of Surgery of the Hand and Microsurgery, May 9-10, 2013, Cairo Egypt.
70. AACPD 67th annual meeting October 16-19, 2013, ^{[[SEP]]}Wisconsin Center ^{[[SEP]]}Milwaukee, Wisconsin.

71. The 7th international conference of Egyptian Society for Surgery of the Hand and Microsurgery, March 20 -23, 2014, Hurghada, Egypt.
72. 10th Pan Arab Child Neurology Conference (PACNA). April 16 – 17, 2014. Alexandria.
73. Hot topics in neonatology and pediatric practice. April 24 – 26, 2014. Alexandria, Egypt.
74. Second international symposium on Arthrogryposis. Sep 16 – 19, 2014, Saint Petersburg, Russia.
75. 11th Annual International Pediatric Orthopaedic Symposium. Dec 3 – 6, 2014, Orlando, FL, USA.
76. 66th international annual conference of Egyptian Orthopedic Association. 15 – 19, Dec. 2014. Cairo, Egypt.
77. 11th pan arab child neurology conference (PACNA). 1 – 3, April 2015. Alexandria, Egypt.
78. 34th Annual Meeting of EPOS. 14 -19, April 2015. Marseille, France.
79. Cerebral palsy course. 6th May 2015. Erasmus Medical Center, Rotterdam, The Netherlands.
80. 10th world symposium of congenital malformation of the hand and upper limb. 7 – 9, May 2015. Rotterdam, The Netherlands.
81. 12th Annual International Pediatric Orthopedic Symposium. 8-12, Dec 2015. Orlando, USA.
82. 1st Abou El Reesh Pediatric Orthopedic Symposium, 16 -17, Jan 2016. LRC, Faculty of Medicine, Cairo University
83. 2nd Abou El-Reesh Pediatric hand surgery symposium, 13 – 14, Feb 2016. LRC, Faculty of Medicine, Cairo University
84. AO Trauma - Roadmap to Research, 10, Mar 2016, Cairo, Egypt.
85. BAT advanced course – SCFE. 6, Apr 2016. Rome, Italy.
86. 35th EPOS congress, 6 – 9, Apr 2016. Rome, Italy.
87. AACPD eCourse: Let's Apply the ICF in Day - to -Day practice, 27 Apr. – 18 May 2016.
88. 70th annual meeting of AACPD, 20 – 24 Sep. 2016. Hollywood, Florida, USA.
89. 3rd Middle East Pediatric Orthopaedic Society Annual Meeting, 21 – 22 Oct. 2016. Dubai, AUE.
90. EPOS BAT advanced course, current concepts on the orthopedic management of cerebral palsy. Nov 30 – Dec 1, 2016, Vienna, Austria.
91. 10th international conference of Egyptian Socity of Suregy of the Hand and Microsurgery, 4 – 6 April. 2017. Cairo, Egypt.

92. 21st Egyptian Society of Child Neuropsychiatry (ESCNP) conference in collaboration with International Child Neurology Association (ICNA) and African Child Neurology Association (ACNA), May 10th – 11th, 2017, Alexandria, Egypt.
93. 72nd annual meeting of American Society for Surgery of the Hand, Sep. 6 – 10, 2017. Pre-course on unsolved problems in pediatric hand surgery, controversy, pitfalls and future needs. Sep. 9, 2017. San Francisco, USA.
94. 3rd annual meeting of Alexandria physiotherapy syndicate. Oct, 6 – 7, 2017. Alexandria.
95. Annual conference of Orthopaedic department, Al Azhar university – Damietta. Oct. 11 – 13, Ras El Bar, Egypt.
96. AAOS/POSNA/AAHS webinar – Controversial fracture treatment of pediatric upper extremity: should we operate or not? Jan. 31, 2018.
97. World symposium of congenital malformation of the hand and upper limb. Mrc. 7 – 10, 2018. Hong Kong.
98. Course on Dysplasia of the hip. Apr. 11, 2018. Oslo, Norway.
99. 37th EPOS annual meeting. Apr. 12 – 14, 2018. Oslo, Norway.
100. 23rd Medteranian Child Neurology Congress and 13th Pan Arab Child Neurology conference. Apr, 26 – 28, 2018, Alexandria, Egypt.
101. 3rd international symposium on arthrogyrosis, 24 – 26 Sep. 2018. Philadelphia, Pennsylvania, USA.
102. 72nd Annual Meeting of the AACPD. 9 – 13 Oct. 2018, Cincinnati Ohio, USA.
103. Advanced EPOS Bat Course and cadaveric hands on workshop (His surgery from infancy to young adults). 17 – 18 Jan. 2019. Swiss Foundation for Innovation and Training in Surgery (SFITS), Geneva, Switzerland.