

Curriculum Vitae

Personal Data:

Name: Wael Mohamed Tawfik Koptan

Date of birth: 5-7-1968

Addresses: Home: 60 Gezzierat ElArab St., Mohandeseen, Geiza, Egypt
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Qualifications:

- M.B.B.Ch.: Cairo University on June 1992 (graded excellent)
- M.Sc. (Orthopaedics): Cairo University on November 1996 (graded excellent)
- MD. (Orthopaedics): Cairo University on May 2000

Current Positions:

- Professor at Orthopaedic department (Cairo University) *From 10-2010*
- Consultant of Spine Surgery at New Kasr ElAini Hospital *From 11-2000*
- Consultant of Spine Surgery at ElShrook Hospital *From 11-2000*
- Consultant of Spine Surgery at Children of Egypt Hospital (NHS) *From 06-2006*
- Consultant of Spine Surgery at Dar ElFouad Hospital *From 10-2008*

Previous Positions:

- House Officer at Cairo University Hospitals *From 1992 to 1993*
- Resident of Orthopaedic Surgery (Cairo University Hospitals) *From 1993 to 1996*
- Ass. Lecturer at Orthopaedic department (Cairo University) *From 1997 to 2000*
- Lecturer at Orthopaedic department (Cairo University) *From 2000 to 2005*
- Consultant of Spine Surgery at Spinal Unit Nasser Institute *From 2000 to 2008*
- Consultant of Spine Surgery at ElHelal Hospital *From 2004 to 2008*
- Consultant of Spine Surgery at ElAgouzza Police Hospital *From 2004 to 2010*
- Consultant of Spine Surgery at ElNile Badrawy Hospital *From 2006 to 2010*
- Ass. Professor at Orthopaedic department (Cairo University) *From 2005 to 2010*

Professional Memberships:

- Member of the Egyptian Orthopaedic Association (**EOA**)
- Founding Member of the Egyptian Scoliosis Society (**ESS**)
- Founding Member of the Egyptian Spine Association (**ESA**)
- Member of the Scoliosis Research Society (**SRS**)
- Member of the AOSpine

Committees:

SRS

Sept 2009-Sept 2010 Member of the Worldwide Committee

Editorial Board Member:

- The Egyptian Spine Journal *From 2010*
- The World Journal of Orthopaedics *From 2010*

Publications:

M.Sc. Essay (1992) Surgical Reconstruction of Post - traumatic Acetabular Defects for Cup Replacement in THR.

MD. Thesis (1999) Surgical Correction of Adolescent Idiopathic Scoliosis Using the Isola Spinal Implant System.

1. *ElHawary I, ElBarbary H, Koptan W* Developmental Dysplasia of the Hip: A Serious but Preventable Problem. Kasr ElAini Medical Journal 2003; 9(6):9-13.
2. *ElMiligui Y, Koptan W, ElSebaie H* Two Staged Surgical Correction of Scheuermann's Disease. The Egyptian Orthopaedic Journal 2004; 39(1):7-15.
3. *Moharram A, Koptan W, Samy K, Fahmy A* Endoscopic Versus Open Carpal Tunnel Release: A Randomized Controlled Trial. The Medical Journal of Cairo University 2004; 72(2):39-43.
4. *Koptan W, ElMiligui Y, ElSebaie H* Surgical Management of Traumatic Spondylolisthesis of the Axis. The Pan Arab Journal of Orthopaedics and Trauma 2004; 8(2):215-9.

5. *ElSebaie H, ElMiligui Y, **Koptan W*** Single Stage Osteotomy for Congenital Lumbar Spine Deformities. *The Egyptian Orthopaedic Journal* 2004; 39(2):283-9.
6. *ElMiligui Y, **Koptan W**, ElSebaie H* Multiple Osteotomies and Segmental Instrumentation for Revision Surgery in Scoliosis. *The Egyptian Orthopaedic Journal* 2004; 39(2):297-304.
7. ***Koptan W*** Indirect Spinal Decompression in Burst Thoracolumbar Fractures. *The Pan Arab Journal of Orthopaedics and Trauma* 2005; 9(1):1-9.
8. ***Koptan W**, Moharram A, Soliman O* Surgical Management of Low to Moderate Grade Isthmic Spondylolisthesis. *The Pan Arab Journal of Orthopaedics and Trauma* 2005; 9(1):27-32.
9. *Soliman O, Ossman N, **Koptan W*** Hemiprosthesis Replacement in Four-Part Fractures of the Proximal Humerus. *The Pan Arab Journal of Orthopaedics and Trauma* 2005; 9(1):41-6.
10. ***Koptan W*** Anterior Cervical Interbody Fusion with PEEK Cages. *The Pan Arab Journal of Orthopaedics and Trauma* 2005; 9(2):146-151.
11. *Moharram A, **Koptan W**, Hegazi M, Kamal T* Carpal Tunnel Decompression: A Randomized Controlled Trial of Endoscopic Versus Open Release. *The Pan Arab Journal of Orthopaedics and Trauma* 2007; 11(1):96-101.
12. *Soliman O, **Koptan W**, Shohayeb K* Closed Reduction and Percutaneous Pinning in Three-Part Fractures of the Proximal Humerus. *The Pan Arab Journal of Orthopaedics and Trauma* 2008; 12(2):233-7.
13. ***Koptan W**, ElMiligui Y, ElSebaie H* All pedicle screw instrumentation for Scheuermann's Kyphosis correction: is it worth it? *The Spine Journal* 2009; 9(4):296-302.
14. *ElSebaie H, **Koptan W**, ElMiligui Y, ElMasry M, Salaheldine M, Noordeen H, Akbarnia B* Anterior Instrumentation and Correction of Congenital Spinal Deformities under Age of Four without Hemivertebrectomy. A New Alternative. *Spine* 2010; 35(6):E218-E222.
15. *ElMiligui Y, **Koptan W**, Emran I* Transpedicular screw fixation for type II Hangman's fracture: a motion preserving procedure. *Eur Spine J* 2010; 19(8):1299-1305.

16. **Koptan W, ElMiligui Y** Surgical correction of severe dystrophic neurofibromatosis scoliosis: an experience of 32 cases. *Eur Spine J* 2010; 19(9):1569-75.
17. **Koptan W, ElMiligui Y, Maher A** Transforaminal Lumbar Interbody Fusion (TLIF) for Degenerative and Low Grade Isthmic Spondylolisthesis. *The Egyptian Orthopaedic Journal* 2010; 45(4):391-8.
18. **ElMiligui Y, Koptan W** Circumferential Resection of Aggressive Osteoblastoma of the Cervical Spine. *The Egyptian Orthopaedic Journal* 2010; 45(4):399-404.
19. **Koptan W, ElMiligui Y, ElSharkawi M** Single stage anterior reconstruction using titanium mesh cages in neglected kyphotic tuberculous spondylodiscitis of the cervical spine. *Eur Spine J* 2011; 20(2):308-13.
20. **Koptan W, ElMiligui Y, ElSharkawi M** Direct repair of spondylolysis presenting after correction of adolescent idiopathic scoliosis *The Spine Journal* 2011; 11(2):133-8.
21. **El-Sharkawi MM, Koptan WM, El-Miligui YH, Said GZ** Comparison between pedicle subtraction osteotomy and anterior corpectomy and plating for correcting post-traumatic kyphosis: a multicenter study. *Eur Spine J* 2011; 20(9):1434-40.
22. **Mahmoud M, Koptan W** Percutaneous screw fixation without bone grafting for established scaphoid nonunion with substantial bone loss. *J Bone Joint Surg Br* 2011; 93(7):932-6.
23. **Koptan W, ElMiligui Y** Three-staged correction of severe rigid idiopathic scoliosis using limited halo-gravity traction. *Eur Spine J* 2012; 21(6):1091-8.
24. **Koptan W, ElMiligui Y, ElSharkawi, Ramadan M** Unilateral Transforaminal Lumbar Interbody Fusion for High Grade Isthmic Spondylolisthesis. *The Egyptian Spine Journal* 2012; 1(1):48-54.
25. **Fouad A, Koptan W, ElMiligui Y, ElHadidi T, ElSharkawi M** Multiple-Level Anterior Cervical Discectomy and Fusion Using PEEK Cages in Cervical Myelopathy. Is Anterior Plating Necessary? *The Egyptian Spine Journal* 2012; 1(2):5-13.
26. **ElSharkawi M, Koptan W, ElMiligui Y, El-Sherif E** Pedicle Subtraction Osteotomies for Correcting Sagittal Imbalance. *The Egyptian Spine Journal* 2012; 1(2):20-9.

27. *ElSharkawi M, Koptan W, ElMiligui Y* Transforaminal Lumbar Interbody Fusion (TLIF) for Revision of Failed Posterolateral Spinal Fusion. The Egyptian Spine Journal 2012; 1(2):38-46.
28. *Fouad A, Koptan W, ElMiligui Y, ElSharkawi M* Alternate Pedicle Screws Technique versus Hybrid Construct for the Correction of Adolescent Idiopathic Scoliosis: A Prospective Randomized Study. The Egyptian Spine Journal 2013; 1(3):28-34.
29. Soliman OA, **Koptan WM** Four-part fracture dislocations of the proximal humerus in young adults: Results of fixation. Injury 2013; 44(4):442-7.
30. Soliman OA, **Koptan WM** Proximal humeral fractures treated with hemiarthroplasty: Does tenodesis of the long head of the biceps improve results? Injury 2013; 44(4):461-4.
31. Amr SM, Gouda A, **Koptan WT**, Galal AA, Abdel-Fattah DS, Rashed LA, Atta HM, Abdel-Aziz MT Bridging defects in chronic spinal cord injury using peripheral nerve grafts combined with a chitosan-laminin scaffold and enhancing regeneration through them by co-transplantation with bone-marrow-derived mesenchymal stem cells: Case series of 14 patients. J Spinal Cord Med 2014; 37(1):54-71.
32. El-Nahal W, Khaled S, **Koptan W**, Galal A Time to Union and Functional Outcome Following Minimally Invasive Plating of Extra-articular Fractures of the Distal Tibia. The Egyptian Orthopaedic Journal 2013 [Epub ahead of print]

National Presentations:

1. **Koptan W, ElHawary Y** Scoliosis Correction Using the Isola System. The second Middle East Spine Group meeting; Cairo, Egypt (September 1997).
2. *ElMiligui Y, Koptan W, ElSebaie H* Two Staged Surgical Correction of Scheuermann's Disease. The fifty-fifth annual international congress of the Egyptian Orthopaedic Association; Cairo, Egypt (December 2003).
3. **Koptan W** Revision Surgery in Spondylolisthesis. The seventh annual international congress on spinal surgery; Cairo, Egypt (April 2004).
4. **Koptan W** Surgical Outcome of Adolescent Idiopathic Scoliosis (Five years experience). The Arab international Congress for Spine Surgeries; Cairo, Egypt (October 2004).

5. **Koptan W** Pseudarthrosis of the Lumbar Spine. The 1st Scientific Meeting “Spine Update I”; Cairo, Egypt (November 2004).
6. **Koptan W, ElMiligui Y, ElSebaie H** The Surgical Outcome of Adolescent Idiopathic Scoliosis. The fifty-sixth annual international congress of the Egyptian Orthopaedic Association Combined with the 10th Pan Arab Orthopaedic Association Congress; Cairo, Egypt (November 2004).
7. **ElMiligui Y, ElSebaie H, Koptan W** The Efficacy of Pedicle Screw Fixation of Hangman’s Fracture. The fifty-sixth annual international congress of the Egyptian Orthopaedic Association Combined with the 10th Pan Arab Orthopaedic Association Congress; Cairo, Egypt (November 2004).
8. **ElSebaie H, Koptan W, ElMiligui Y** The Use of Growing Instrumentation for Paediatric Spinal Deformities. The fifty-sixth annual international congress of the Egyptian Orthopaedic Association Combined with the 10th Pan Arab Orthopaedic Association Congress; Cairo, Egypt (November 2004).
9. **Ossman N, Soliman O, Koptan W** Hemiprosthesis Replacement in Four-Part Fractures of the Proximal Humerus. The fifty-sixth annual international congress of the Egyptian Orthopaedic Association Combined with the 10th Pan Arab Orthopaedic Association Congress; Cairo, Egypt (November 2004).
10. **Koptan W, ElMiligui Y, ElSebaie H** Surgical Correction of Scheuermann’s Disease. The 1st international congress of Skeletal Deformities; Cairo, Egypt (March 2005).
11. **Koptan W, ElMiligui Y, ElSebaie H** Surgical Correction of Neuromuscular Spinal Deformities. The 1st international congress of Skeletal Deformities; Cairo, Egypt (March 2005).
12. **ElMiligui Y, Koptan W, ElSebaie H** Correction of Congenital Spinal Deformities by Posterior Corrective Osteotomy. The 1st international congress of Skeletal Deformities; Cairo, Egypt (March 2005).
13. **ElSebaie H, ElMiligui Y, Koptan W** Growing Instrumentation for Paediatric Spinal Deformities. The 1st international congress of Skeletal Deformities; Cairo, Egypt (March 2005).
14. **ElMiligui Y, Koptan W, ElSebaie H** Spinal Balance. The 1st international congress of Skeletal Deformities; Cairo, Egypt (March 2005).

15. *ElSebaie H, Koptan W, ElMiligui Y* Three Staged Correction of Double Severe Rigid Idiopathic Scoliosis. The 1st international congress of Skeletal Deformities; Cairo, Egypt (March 2005).
16. *ElSebaie H, Koptan W, ElMiligui Y* Surgical Correction of Poliomyelitic Spinal deformities. The fifty-seventh annual international congress of the Egyptian Orthopaedic Association; Cairo, Egypt (November 2005).
17. *Koptan W, ElMiligui Y, ElSebaie H* Anterior Debridement and Fusion with Posterior Instrumentation for Multiple Levels Resistant Tuberculous Spondylodiscitis. The fifty-seventh annual international congress of the Egyptian Orthopaedic Association; Cairo, Egypt (November 2005).
18. *ElMiligui Y, ElSebaie H, Koptan W* Surgical Management of High Grade Isthmic Spondylolisthesis. The fifty-seventh annual international congress of the Egyptian Orthopaedic Association; Cairo, Egypt (November 2005).
19. *ElMiligui Y, Koptan W, ElSebaie H* All Screws Technique in the Correction of Adolescent Idiopathic Scoliosis. The fifty-eighth annual international congress of the Egyptian Orthopaedic Association; Cairo, Egypt (December 2006).
20. *ElSebaie H, ElMiligui Y, Koptan W* Posterolateral Decompression and Posterior Instrumentation for Spondylodiscitis with Epidural Abscess of the Lumbar Spine. The fifty-eighth annual international congress of the Egyptian Orthopaedic Association; Cairo, Egypt (December 2006).
21. *Koptan W, ElMiligui Y, ElSebaie H* Vertebroplasty for Spinal Stabilization and Pain Relief in Pathological Spinal Fractures. The fifty-eighth annual international congress of the Egyptian Orthopaedic Association; Cairo, Egypt (December 2006).
22. *ElSebaie H, ElMiligui Y, Koptan W* Evaluation of Single Growing Rod with Proximal Double Claw Construct for Early Onset Idiopathic Scoliosis. The 3rd international Course of Skeletal Deformities Correction; Cairo, Egypt (April 2007).
23. *Koptan W, ElSebaie H, ElMiligui Y* The Efficacy of Correction of Rigid Neurofibromatosis Deformities Using Three Dimensional Instrumentation Augmented With Sublamina Wires. The 3rd international Course of Skeletal Deformities Correction; Cairo, Egypt (April 2007).

24. *ElMiligui Y, Koptan W, ElSebaie H* Multiple Level Fusion Mass V-Shaped Osteotomies in Revision Surgery of Adolescent Idiopathic Scoliosis. The 3rd international Course of Skeletal Deformities Correction; Cairo, Egypt (April 2007).
25. *Koptan W, ElSebaie H, ElMiligui Y* Anterior Debridement and Fusion with Posterior Instrumentation for Resistant Tuberculous Spondylodiscitis. The 2nd Annual Meeting of the NeuroSpine Association; RasSedr, Egypt (July 2007).
26. *ElMiligui Y, Koptan W, ElSebaie H* All Screws Technique in the Correction of Adolescent Idiopathic Scoliosis. The 2nd Annual Meeting of the NeuroSpine Association; RasSedr, Egypt (July 2007).
27. *ElMiligui Y, ElSebaie H, Koptan W* Multiple Level Fusion Mass V-Shaped Osteotomies in Revision Surgery of Adolescent Idiopathic Scoliosis. The 2nd Annual Meeting of the NeuroSpine Association; RasSedr, Egypt (July 2007).
28. *ElSebaie H, Koptan W, ElMiligui Y* Growing Instrumentation in Pediatric Spinal Deformities (Review of 25 cases). The 2nd Annual Meeting of the NeuroSpine Association; RasSedr, Egypt (July 2007).
29. *Koptan W, ElMiligui Y, ElSebaie H* Correction of Rigid Neurofibromatosis Deformities Using Three-Dimensional Instrumentation Augmented With Sublaminar Wires. The 2nd Annual Meeting of the NeuroSpine Association; RasSedr, Egypt (July 2007).
30. *Koptan W, ElMiligui Y, ElSebaie H* All Pedicle Screw Instrumentation for Scheuermann's Kyphosis Correction. The fifty-ninth annual international congress of the Egyptian Orthopaedic Association; Cairo, Egypt (November 2007).
31. *Koptan W, ElMiligui Y, ElSebaie H* All Pedicle Screw versus Hybrid Instrumentation for Scheuermann's Kyphosis Correction. The 4th International Course of Skeletal Deformities Correction; Cairo, Egypt (April 2008).
32. *Koptan W, ElMiligui Y, ElSebaie H* Scoliosis and Spondylolisthesis. The 5th international Course of Skeletal Deformities Correction; Cairo, Egypt (April 2009).
33. *Koptan W* All Pedicle Screw Instrumentation for Scheuermann's Kyphosis Correction. The 11th International Spine Conference; Cairo, Egypt (July 2008).

34. **Koptan W** Degenerative Cervical Disc Disease. The 25th Intensive Orthopaedic Review Course, Hip and Spine Disorders; Cairo, Egypt (November 2009).
35. **Koptan W** Management of Dorsolumbar Fractures. Kasr El Aini Orthopaedic Trauma Review Course; Cairo, Egypt (January 2010).
36. **Koptan W** Disc Surgeries. Kasr El Aini Orthopaedics Review Course; Cairo, Egypt (January 2010).
37. **Koptan W** Evaluation and Treatment of Spinal Injuries. The 27th Intensive Orthopaedic Review Course, Basic Trauma Course; Cairo, Egypt (October 2010).
38. **Koptan W** Aetiology of Spondylolysis in Children. The sixty-second annual international congress of the Egyptian Orthopaedic Association; Cairo, Egypt (December 2010).
39. **Koptan W, ElMiligui Y, El-Sharkawi M** All Pedicle Screws Technique for the Correction of Adolescent Idiopathic Scoliosis. The first scientific annual meeting of the **ESA** (Egyptian Spine Association); 6th October City, Egypt (February 2012).
40. **ElMiligui Y, Koptan W, El-Sharkawi M** Unilateral Transforaminal Lumbar Interbody Fusion for Early Onset Post-Discectomy Spondylodiscitis. The first scientific annual meeting of the **ESA** (Egyptian Spine Association); 6th October City, Egypt (February 2012).

Accepted International Presentations:

1. **ElMiligui Y, Koptan W, ElSebaie H** Salvage Scoliosis Surgery. The Mediterranean Spine Surgery Meeting; Ankara, Turkey (September 2002).
2. **ElMiligui Y, Koptan W, ElSebaie H** Congenital Spinal Deformities. The Mediterranean Spine Surgery Meeting; Ankara, Turkey (September 2002).
3. **ElSebaie H, ElMiligui Y, Koptan W** Surgical Correction of Established Congenital Spinal Deformities. The 11th **IMAST** (International Meeting on Advanced Spine techniques); Bermuda (July 2004).

4. **Koptan W, ElMiligui Y, ElSebaie H** Two Staged Surgical Correction of Scheuermann's Disease. The 11th **IMAST** (International Meeting on Advanced Spine Techniques); Bermuda (July 2004).
5. **Koptan W, ElMiligui Y, ElSebaie H** Salvage Scoliosis Surgery. The 11th **IMAST** (International Meeting on Advanced Spine Techniques); Bermuda (July 2004).
6. **Koptan W, ElSebaie H, ElMiligui Y** Pedicle Screw Fixation of Hangman's Fracture. The 11th **IMAST** (International Meeting on Advanced Spine Techniques); Bermuda (July 2004).
7. **ElSebaie H, Koptan W, ElMiligui Y** Anterior Cervical Discectomy and Fusion with Carbon Fiber Cages. The 11th **IMAST** (International Meeting on Advanced Spine Techniques); Bermuda (July 2004).
8. **ElMiligui Y, ElSebaie H, Koptan W** Three Dimensional Correction of Adolescent Idiopathic Scoliosis. The 11th **IMAST** (International Meeting on Advanced Spine Techniques); Bermuda (July 2004).
9. **Koptan W, ElMiligui Y, ElSebaie H** Surgical Correction of Scheuermann's Disease. The 14th Annual Meeting of the **EORS** (European Orthopaedic Research Society); Amsterdam, Holland (November 2004).
10. **ElMiligui Y, Koptan W, ElSebaie H** Spinal Osteotomy for Correction of Congenital Spinal Deformities. The 14th Annual Meeting of the **EORS** (European Orthopaedic Research Society); Amsterdam, Holland (November 2004).
11. **ElSebaie H, Koptan W, ElMiligui Y** Pedicle Screw Fixation of Hangman's Fracture. The 14th Annual Meeting of the **EORS** (European Orthopaedic Research Society); Amsterdam, Holland (November 2004).
12. **ElMiligui Y, Koptan W, ElSebaie H** Multiple Level Anterior Cervical Discectomy and Fusion with Carbon Fiber Cages. The 14th Annual Meeting of the **EORS** (European Orthopaedic Research Society); Amsterdam, Holland (November 2004).
13. **ElSebaie H, ElMiligui Y, Koptan W** The Outcome of Surgical Management of Neglected Bilateral Facet dislocations. The 31st Annual Scientific Meeting of the **ASIA** (American Spinal Injury Association); Dallas, Texas, USA (May 2005).

14. **Koptan W, ElMiligui Y, ElSebaie H** Indirect Decompression in Burst Fractures of the Dorsolumbar Spine. The 31st Annual Scientific Meeting of the **ASIA** (American Spinal Injury Association); Dallas, Texas, USA (May 2005).
15. **ElMiligui Y, Koptan W, ElSebaie H** The Safety of Pedicle Screw Fixation of Traumatic Spondylolisthesis of the Axis. The 31st Annual Scientific Meeting of the **ASIA** (American Spinal Injury Association); Dallas, Texas, USA (May 2005).
16. **Koptan W, ElMiligui Y, ElSebaie H** Anterior Debridement and Fusion with Posterior Instrumentation for Multiple Levels Resistant Tuberculous Spondylodiscitis. The 12th **IMAST** (International Meeting on Advanced Spine techniques); Banff, Canada (July 2005).
17. **Akbarnia B, Koptan W, ElSebaie H, ElMiligui Y** Correction of Spine Deformity in Ambulatory Patients with Poliomyelitis without Pelvic Fixation. The 12th **IMAST** (International Meeting on Advanced Spine techniques); Banff, Canada (July 2005).
18. **ElSebaie H, Koptan W, ElMiligui Y** Single Stage Anterior Reduction and Grafting for Neglected Bilateral Facet Dislocations. The 12th **IMAST** (International Meeting on Advanced Spine techniques); Banff, Canada (July 2005).
19. **ElMiligui Y, ElSebaie H, Koptan W** Quantitative CT Assessment of Indirect Decompression in Late Burst Fractures of the Dorsolumbar Spine. The 12th **IMAST** (International Meeting on Advanced Spine techniques); Banff, Canada (July 2005).
20. **ElSebaie H, ElMiligui Y, Koptan W, Bagheri R** Single Rod Instrumentation without fusion for Paediatric Spinal Deformities. A Two Year Follow Up Study. The 12th **IMAST** (International Meeting on Advanced Spine techniques); Banff, Canada (July 2005).
21. **ElSebaie H, Koptan W** Surgical Correction of Adolescent Dorsal Kyphosis. The World Spine III Congress; Rio De Janeiro, Brazil (August, 2005).
22. **Koptan W, ElMiligui Y** Multiple Levels Anterior Cervical Fusion with Carbon Fiber Cages. The World Spine III Congress; Rio De Janeiro, Brazil (August, 2005).
23. **ElMiligui Y, Koptan W, ElSebaie H** One Stage Posterior Correction of Congenital Spinal Deformities. The World Spine III Congress; Rio De Janeiro, Brazil (August, 2005).

24. *ElMiligui Y, ElSebaie H, Koptan W* Salvage Surgery for Idiopathic Scoliosis. The World Spine III Congress; Rio De Janeiro, Brazil (August, 2005).
25. *ElSebaie H, ElMiligui Y, Koptan W* The Safety and Efficacy of Pedicle Screw Fixation of Traumatic Spondylolisthesis of the Axis. The World Spine III Congress; Rio De Janeiro, Brazil (August, 2005).
26. *Koptan W, ElMiligui Y, ElSebaie H* Surgical Correction of Scheuermann's Disease. The XXIII SICOT/SIROT Triennial World Congress; Istanbul, Turkey (September, 2005).
27. *Koptan W, ElSebaie H, ElMiligui Y* Salvage Surgery for Idiopathic Scoliosis. The XXIII SICOT/SIROT Triennial World Congress; Istanbul, Turkey (September, 2005).
28. *ElMiligui Y, ElSebaie H, Koptan W* Single Stage Posterior Correction of Congenital Spinal Deformities. The XXIII SICOT/SIROT Triennial World Congress; Istanbul, Turkey (September, 2005).
29. *ElMiligui Y, Koptan W, ElSebaie H* The Safety and Efficacy of Pedicle Screw Fixation of Traumatic Spondylolisthesis of the Axis. The XXIII SICOT/SIROT Triennial World Congress; Istanbul, Turkey (September, 2005).
30. *ElSebaie H, Koptan W, ElMiligui Y* Fixation of Hangman's Fracture by Pedicle Screws: A Safe and Efficient Modality. The Annual Meeting of the **EUROSPINE** (Spine Society of Europe); Barcelona, Spain (September, 2005).
31. *ElSebaie H, Koptan W, ElMiligui Y* The Safety and Efficacy of Pedicle Screw Fixation of Hangman's Fracture. The 20th Annual Meeting of the **NASS** (North American Spine Society); Philadelphia, Pennsylvania, USA (September, 2005).
32. *Koptan W, ElSebaie H, ElMiligui Y* Correction of Spine Deformity in Ambulatory Patients with Poliomyelitis without Pelvic Fixation. The 40th Annual Meeting of the **SRS** (Scoliosis Research Society); Miami, Florida, USA (October, 2005).
33. *ElMiligui Y, Koptan W, ElSebaie H* Salvage Surgery for Idiopathic Scoliosis. The 73rd Annual Meeting of the **AAOS** (American Academy of Orthopaedic Surgeons); Chicago, Illinois, USA (March, 2006).

34. *ElSebaie H, ElMiligui Y, **Koptan W*** Single Stage Spinal Osteotomy for Correction of Congenital Spinal Deformities. The 73rd Annual Meeting of the **AAOS** (American Academy of Orthopaedic Surgeons); Chicago, Illinois, USA (March, 2006).
35. ***Koptan W, ElMiligui Y, ElSebaie H*** The Efficacy of Correction of Rigid Neurofibromatosis Deformities Using Three-Dimensional Instrumentation Augmented with Sublaminar Wires. The European and Middle East Meeting of the **SRS** (Scoliosis Research Society); Istanbul, Turkey (May, 2006).
36. *ElSebaie H, ElMiligui Y, **Koptan W*** Evaluation of Single Growing Rod with Proximal Double Claw Construct for Early Onset Spinal Deformities. The European and Middle East Meeting of the **SRS** (Scoliosis Research Society); Istanbul, Turkey (May, 2006).
37. ***Koptan W, ElSebaie H, ElMiligui Y*** Efficacy of Pars Repair with a Cable-Screw Construct in Grade I or Less Spondylolisthesis for Adolescents and Young Adults. The European and Middle East Meeting of the **SRS** (Scoliosis Research Society); Istanbul, Turkey (May, 2006).
38. *ElSebaie H, **Koptan W, ElMiligui Y*** Two Staged Correction of Ambulant Poliomyelitic Patients without Pelvic Instrumentation. The European and Middle East Meeting of the **SRS** (Scoliosis Research Society); Istanbul, Turkey (May, 2006).
39. *ElMiligui Y, **Koptan W, ElSebaie H*** Multiple Level Fusion Mass Osteotomies in Failed Unorthodox Scoliosis Surgery. The European and Middle East Meeting of the **SRS** (Scoliosis Research Society); Istanbul, Turkey (May, 2006).
40. *ElMiligui Y, ElSebaie H, **Koptan W*** Two Staged Resection with Posterior Instrumentation for Correction of Angular Congenital Spinal Deformities. The European and Middle East Meeting of the **SRS** (Scoliosis Research Society); Istanbul, Turkey (May, 2006).
41. ***Koptan W, ElSebaie H, ElMiligui Y*** Efficacy of Pars Repair with a Cable-Screw Construct in Grade I or Less Spondylolisthesis for Adolescents and Young Adults. The 13th **IMAST** (International Meeting on Advanced Spine techniques); Athens, Greece (July 2006).
42. *ElSebaie H, ElMiligui Y, **Koptan W*** Surgical Outcome following Decompression and Instrumented Posterior Spinal Fusion for Multiple Level Lytic Spondylolisthesis in Adults. The 13th **IMAST** (International Meeting on Advanced Spine techniques); Athens, Greece (July 2006).

43. **Koptan W, ElMiligui Y, ElSebaie H** The Efficacy of Correction of Rigid Neurofibromatosis Deformities Using Three Dimensional Instrumentation Augmented With Sublaminar Wires. The 13th **IMAST** (International Meeting on Advanced Spine techniques); Athens, Greece (July 2006).
44. **ElMiligui Y, ElSebaie H, Koptan W** Two Staged Resection with Posterior Instrumentation for Correction of Angular Congenital Spinal Deformities. The 13th **IMAST** (International Meeting on Advanced Spine techniques); Athens, Greece (July 2006).
45. **ElMiligui Y, Koptan W, ElSebaie H** Multiple Level Osteotomies and Posterior Instrumentation for Redo Surgery for Idiopathic Scoliosis. The 21st Annual Meeting of the **NASS** (North American Spine Society); Seattle, Washington (September, 2006).
46. **Koptan W, ElMiligui Y, ElSebaie H** All Pedicle Screw Instrumentation for Scheuermann's Kyphosis Correction. Is it Worth it? The 42nd Annual Meeting of the **SRS** (Scoliosis Research Society); Edinburgh, Scotland (September, 2007).
47. **ElMiligui Y, ElSebaie H, Koptan W** Transpedicular Screw for Reduction of Type II Hangman's Fracture. A Motion Preserving Procedure. The 42nd Annual Meeting of the **SRS** (Scoliosis Research Society); Edinburgh, Scotland (September, 2007).
48. **ElSebaie H, Koptan W, ElMiligui Y, Salaheldine M, Noordeen H** Anterior Instrumentation and Correction of Congenital Spinal Deformities without Hemivertebrectomy Under age of Four. A New Alternative. The 42nd Annual Meeting of the **SRS** (Scoliosis Research Society); Edinburgh, Scotland (September, 2007).
49. **ElSebaie H, ElMiligui Y, Koptan W, Salaheldine M, Noordeen H** Anterior Instrumented Correction of Congenital Scoliosis. The 2nd **ICEOS** (International Congress on Early Onset Scoliosis and Growing Spine); Madrid, Spain (November, 2007).
50. **ElMiligui Y, ElSebaie H, Koptan W, Salaheldine M** Growing Rods in Neurofibromatosis Scoliosis. The 2nd **ICEOS** (International Congress on Early Onset Scoliosis and Growing Spine); Madrid, Spain (November, 2007).
51. **ElMiligui Y, Koptan W, ElSebaie H** Single Stage Total Resection of Aggressive Osteoblastoma of the Cervical Spine. The 43rd Annual Meeting of the **SRS** (Scoliosis Research Society); Salt Lake City, Utah, USA (September, 2008).

52. *ElMiligui Y, Koptan W, ElSebaie H* Multiple Level Simultaneous Front and Back Osteotomies of the Fusion Mass for Correction of Rigid Idiopathic Scoliosis with Failed Instrumentation. The 43rd Annual Meeting of the **SRS** (Scoliosis Research Society); Salt Lake City, Utah, USA (September, 2008).
53. *Koptan W, ElMiligui Y, ElSebaie H* Radical Debridement and Kyphosis Correction Using Titanium Mesh Cages in Resistant Tuberculous Spondylodiscitis of the Cervical Spine. Is it Safe? The 23rd Annual Meeting of the **NASS** (North American Spine Society); Toronto, Ontario (October, 2008).
54. *Koptan W, ElMiligui Y, ElSebaie H* Sagittal Alignment following Anterior Debridement and Posterior Instrumentation for Multiple Levels Tuberculous Spondylodiscitis. The 23rd Annual Meeting of the **NASS** (North American Spine Society); Toronto, Ontario (October, 2008).
55. *ElMiligui Y, Koptan W, ElSebaie H* Two Staged Resection with Posterior Instrumentation for Correction of Neglected Congenital Angular Spinal Deformities. The 23rd Annual Meeting of the **NASS** (North American Spine Society); Toronto, Ontario (October, 2008).
56. *ElMiligui Y, Koptan W, ElSebaie H* Transforaminal Lumbar Interbody Fusion for Postlaminectomy Spondylolisthesis. The 23rd Annual Meeting of the **NASS** (North American Spine Society); Toronto, Ontario (October, 2008).
57. *Koptan W, ElMiligui Y, ElSebaie H* Kyphosis Correction Using Titanium Mesh Cages in Tuberculous Spondylodiscitis of the Cervical Spine. The 76th Annual Meeting of the **AAOS** (American Academy of Orthopaedic Surgeons); Las Vegas, Nevada, USA (February, 2009).
58. *Kamal T, Salah H, Koptan W, ElMiligui Y, Constantinou C* Correction of Cervical Kyphotic Deformity and Spinal Stabilization Using Stand Alone Carbon Peek Cages. The 10th Congress of the **EFORT** (European Federation of National Associations of Orthopaedics and Traumatology); Vienna, Austria (June, 2009).
59. *ElSebaie H, Koptan W, ElMiligui Y, Salaheldine M* Single Stage Anterior Debridement Instrumentation and Fusion for Severe Thoracic Spondylodiscitis with Kyphotic Deformity in Patients above 50 Years of Age. The 16th **IMAST** (International Meeting on Advanced Spine techniques); Vienna, Austria (July 2009).

60. **Koptan W, ElMiligui Y, Hamad W, SalahElDin M** All Pedicle Screw Instrumentation for Scoliosis Correction in Marfan Syndrome. Is it Worth it? The 44th Annual Meeting of the **SRS** (Scoliosis Research Society); San Antonio, Texas, USA (September, 2009).
61. **Koptan W, ElMiligui Y, SalahElDin M, Hamad W** Sagittal Alignment Following Anterior Debridement and Posterior Instrumentation for Multiple Levels Tuberculous Spondylodiscitis. The 44th Annual Meeting of the **SRS** (Scoliosis Research Society); San Antonio, Texas, USA (September, 2009).
62. **Koptan W, ElMiligui Y, Hamad W** Three Dimensional Correction of Severe Rigid Neurofibromatosis Scoliosis. The 44th Annual Meeting of the **SRS** (Scoliosis Research Society); San Antonio, Texas, USA (September, 2009).
63. **Koptan W, ElMiligui Y, SalahElDin M, Hamad W** Three-Stage Correction of Severe Rigid Idiopathic Scoliosis Using Halo-Gravity Traction. The 44th Annual Meeting of the **SRS** (Scoliosis Research Society); San Antonio, Texas, USA (September, 2009).
64. **Koptan W, ElMiligui Y, Hamad W** Direct Repair of Spondylolysis Presenting Following Correction of Adolescent Idiopathic Scoliosis. The 44th Annual Meeting of the **SRS** (Scoliosis Research Society); San Antonio, Texas, USA (September, 2009).
65. **Koptan W, ElMiligui Y** Multiple Level Anterior Cervical Fusion Using Stand Alone Polyetheretherketone (PEEK) Cages Containing Calcium Sulphate Pellets. Is Anterior Plating Necessary? The Annual Meeting of the **EUROSPINE** (Spine Society of Europe); Warsaw, Poland (October, 2009).
66. **Koptan W, ElMiligui Y** Three Dimensional Correction of Dystrophic Neurofibromatosis Scoliosis. Are Sublaminar Wires Safe? The Annual Meeting of the **EUROSPINE** (Spine Society of Europe); Warsaw, Poland (October, 2009).
67. **ElMiligui Y, Koptan W** Circumferential Resection of Aggressive Osteoblastoma of the Cervical Spine. The Annual Meeting of the **EUROSPINE** (Spine Society of Europe); Warsaw, Poland (October, 2009).
68. **ElMiligui Y, Koptan W** Unilateral Transforaminal Lumbar Interbody Fusion (TLIF) for Early Onset Post – Discectomy Spondylodiscitis. The Annual Meeting of the **EUROSPINE** (Spine Society of Europe); Warsaw, Poland (October, 2009).

69. *ElMiligui Y, Koptan W* Single Stage Front and Back Resection to Correct Neglected Congenital Angular Deformities. The Annual Meeting of the **EUROSPINE** (Spine Society of Europe); Warsaw, Poland (October, 2009).
70. *Koptan W, ElMiligui Y* Three-Staged Correction of Severe Rigid Idiopathic Scoliosis Using Halo-Gravity Traction. The Annual Meeting of the **EUROSPINE** (Spine Society of Europe); Warsaw, Poland (October, 2009).
71. *ElMiligui Y, Koptan W* Reduction of High Grade Spondylolisthesis with Transforaminal Lumbar Interbody Fusion. Is it safe? The Annual Meeting of the **EUROSPINE** (Spine Society of Europe); Warsaw, Poland (October, 2009).
72. *ElMiligui Y, Koptan W, ElSharkawi M, SalahElDin M, Hamad W* Single Stage Front and Back Resection to Correct Neglected Congenital Angular Deformities. The Sixth SICOT/SIROT Annual International Conference; Pattaya, Thailand (October, 2009).
73. *ElSharkawi M; Koptan W, ElMiligui Y, Zaki G* Posterior Excision of Spinal Metastasis and Composite Fixation. The Sixth SICOT/SIROT Annual International Conference; Pattaya, Thailand (October, 2009).
74. *Koptan W, ElMiligui Y, ElSharkawi M, Hamad W* Three - Staged Correction of Severe Rigid Idiopathic Scoliosis Using Halo-Gravity Traction. The Sixth SICOT/SIROT Annual International Conference; Pattaya, Thailand (October, 2009).
75. *Koptan W, ElMiligui Y, ElSharkawi M, Hamad W* Three Dimensional Correction of Neurofibromatosis Scoliosis. The Sixth SICOT/SIROT Annual International Conference; Pattaya, Thailand (October, 2009).
76. *Koptan W, ElMiligui Y, ElSharkawi M, Hamad W* Direct Repair of Multiple Level Lumbar Spondylolysis by a Cable Screw Construct. The Sixth SICOT/SIROT Annual International Conference; Pattaya, Thailand (October, 2009).
77. *Koptan W, ElMiligui Y, ElSharkawi M, Hamad W* Stand Alone Multiple Level Anterior Cervical Fusion Using Polyetheretherketone (PEEK) Cages Containing Calcium Sulphate Pellets. The Sixth SICOT/SIROT Annual International Conference; Pattaya, Thailand (October, 2009).
78. *Soliman O, Koptan W, Mahmoud M* Closed Reduction and Percutaneous Pinning in Elderly Patients with Three - Part Fractures of the Proximal Humerus. The Sixth SICOT/SIROT Annual International Conference; Pattaya, Thailand (October, 2009).

79. *Soliman O, Koptan W* Open Reduction and Internal Fixation of Four - Part Fracture Dislocations of the Proximal Humerus in Patients Younger Than Forty Years. The Sixth SICOT/SIROT Annual International Conference; Pattaya, Thailand (October, 2009).
80. *ElMiligui Y, Koptan W, ElSharkawi M, SalahElDin M, Hamad W* Unilateral Transforaminal Lumbar Interbody Fusion (TLIF) for Early Onset Post - Discectomy Spondylodiscitis. The Sixth SICOT/SIROT Annual International Conference; Pattaya, Thailand (October, 2009).
81. *ElMiligui Y, Koptan W, ElSharkawi M, SalahElDin M, Hamad W* Reduction of High Grade Spondylolisthesis with Transforaminal Lumbar Interbody Fusion. Is it Safe? The Sixth SICOT/SIROT Annual International Conference; Pattaya, Thailand (October, 2009).
82. *ElMiligui Y, Koptan W, ElSharkawi M, SalahElDin M, Hamad W* Circumferential Resection of Aggressive Osteoblastoma of the Cervical Spine. The Sixth SICOT/SIROT Annual International Conference; Pattaya, Thailand (October, 2009).
83. *Mahmoud M, Koptan W, Soliman O* Management of Non-Displaced Established Scaphoid Non-Unions by Percutaneous Screw Fixation. Should Substantial Gaps Be Bone Grafted? The Sixth SICOT/SIROT Annual International Conference; Pattaya, Thailand (October, 2009).
84. *Koptan W* Tuberculous Spondylodiscitis; an Old Visitor Came Back. The Regional Meeting of the **SRS** (Scoliosis Research Society) Combined with the Sixty-First Annual International Congress of the **EOA** (Egyptian Orthopaedic Association); Cairo, Egypt (December, 2009).
85. *ElMiligui Y, Koptan W, ElSharkawi M* Single Stage Total Resection of Aggressive Osteoblastoma of the Cervical Spine. The 77th Annual Meeting of the **AAOS** (American Academy of Orthopaedic Surgeons); New Orleans, Louisiana, USA (March, 2010).
86. *Koptan W, ElMiligui Y, ElSharkawi M* Unilateral Transforaminal Lumbar Interbody Fusion for Early Onset Post-Discectomy Spondylodiscitis. The 77th Annual Meeting of the **AAOS** (American Academy of Orthopaedic Surgeons); New Orleans, Louisiana, USA (March, 2010).

87. *ElSharkawi M, Koptan W, ElMiligui Y* Pedicle Subtraction Osteotomy Versus Anterior Corpectomy For Correcting Post-Traumatic Kyphosis. The 77th Annual Meeting of the **AAOS** (American Academy of Orthopaedic Surgeons); New Orleans, Louisiana, USA (March, 2010).
88. *ElSharkawi M, Koptan W, ElMiligui Y* Asymmetric Pedicle Subtraction Osteotomy. A Useful Tool for Severe Scoliotic Deformities. The 17th **IMAST** (International Meeting on Advanced Spine techniques); Toronto, Canada (July 2010).
89. *Ramadan M, Lonner B, Boachie O, Koptan W, ElMiligui Y, Shufflebarger H* Adolescent Idiopathic Scoliosis: Does Disease Severity Vary By Country? The 17th **IMAST** (International Meeting on Advanced Spine techniques); Toronto, Canada (July 2010).
90. *ElSharkawi M, Koptan W, ElMiligui Y* Comparison between PSO and Anterior Corpectomy and Plating for Treating Post-Traumatic Kyphosis: A Multicenter Study. The 45th Annual Meeting of the **SRS** (Scoliosis Research Society); Kyoto, Japan (September, 2010).
91. *ElSharkawi M, Koptan W, ElMiligui Y* Asymmetric Pedicle Subtraction Osteotomy. A Useful Tool for Severe Scoliotic Deformities. The 45th Annual Meeting of the **SRS** (Scoliosis Research Society); Kyoto, Japan (September, 2010).
92. *ElSharkawi M, Koptan W, ElMiligui Y* Treatment of Congenital Spinal Deformities Associated with Intra-Spinal Anomalies by Growing-Rods. The 77th Annual Meeting of the **AAOS** (American Academy of Orthopaedic Surgeons); San Diego, California, USA (February, 2011).
93. *Koptan W, ElMiligui Y, ElSharkawi M* Short Segment Posterior Instrumentation for Unstable Dorsolumbar Fractures: to Fuse or Not to Fuse? The 77th Annual Meeting of the **AAOS** (American Academy of Orthopaedic Surgeons); San Diego, California, USA (February, 2011).
94. *ElMiligui Y, Koptan W, El-Sharkawi M, Arafa A, Ramadan M* Correction of Neglected Congenital Spinal Deformities Associated With Intraspinal Anomalies. Is it Safe? The 18th **IMAST** (International Meeting on Advanced Spine techniques); Copenhagen, Denmark (July 2011).

95. *ElMiligui Y, Koptan W, El-Sharkawi M, Arafa A* Single Stage Posterior Vertebral Column Resection of Lumbar Hemivertebrae in Children under the Age of 10 Years. The 18th **IMAST** (International Meeting on Advanced Spine techniques); Copenhagen, Denmark (July 2011).
96. *Koptan W, ElMiligui Y, El-Sharkawi M, Ramadan M, Arafa A* Short Segment Posterior Instrumentation for Unstable Burst Fractures of the Dorsolumbar Spine. Is Fusion Really Necessary? The 18th **IMAST** (International Meeting on Advanced Spine techniques); Copenhagen, Denmark (July 2011).
97. *Koptan W, ElMiligui Y, El-Sharkawi M, Arafa A, Shafik F* Transforaminal Lumbar Interbody Fusion for Resistant Tuberculous Spondylodiscitis of the Lumbosacral Spine. The 18th **IMAST** (International Meeting on Advanced Spine techniques); Copenhagen, Denmark (July 2011).
98. *ElMiligui Y, Koptan W, El-Sharkawi M, Arafa A* Stand Alone Multiple Level Anterior Cervical Fusion Using Polyetheretherketone (PEEK) Cages Containing Calcium Sulphate Pellets. The 18th **IMAST** (International Meeting on Advanced Spine techniques); Copenhagen, Denmark (July 2011).
99. *Ramadan M, Koptan W, ElMiligui Y, El-Sharkawi M, Arafa A* The Reliability and Validity of Adapted Arabic Version of Scoliosis Research Society-22 (SRS-22r-a) Questionnaire. The 18th **IMAST** (International Meeting on Advanced Spine techniques); Copenhagen, Denmark (July 2011).
100. *Koptan W, ElMiligui Y, El-Sharkawi M, Shafik F, Arafa A* Unilateral Transforaminal Lumbar Interbody Fusion (TLIF) Using Antibiotic Impregnated Calcium Sulphate for Early Onset Post - Discectomy Spondylodiscitis. The 18th **IMAST** (International Meeting on Advanced Spine techniques); Copenhagen, Denmark (July 2011).
101. *ElMiligui Y, Koptan W, El-Sharkawi M, Arafa A* Direct Repair of Multiple Level Lumbar Spondylolysis by a Cable Screw Construct. The 18th **IMAST** (International Meeting on Advanced Spine techniques); Copenhagen, Denmark (July 2011).
102. *El-Sharkawi M, Koptan W, ElMiligui Y, Said G* One-Stage Posterior Piecemeal Excision and Composite Fixation of Spinal Metastasis. The 18th **IMAST** (International Meeting on Advanced Spine techniques); Copenhagen, Denmark (July 2011).

103. *Lonner B, Terran J, Shufflebarger H, Morales D, Pellise F, Fazal A, Ramadan M, ElMiligui Y, **Koptan W**, King A, Kim H, Boachie-Adjei O* Adolescent Idiopathic Scoliosis: Does Disease Severity Vary by Country? The 18th **IMAST** (International Meeting on Advanced Spine techniques); Copenhagen, Denmark (July 2011).
104. ***Koptan W**, ElMiligui Y, El-Sharkawi M, Shafik F* Correction of Severe Neglected Congenital Spinal Deformities Associated With Intraspinous Anomalies. The XXV SICOT Triennial World Congress; Prague, Czech Republic (September, 2011).
105. ***Koptan W**, ElMiligui Y, El-Sharkawi M, Shafik F* Surgical Correction of Scoliosis in Neurofibromatosis: Are All Pedicle Screw Constructs Better? The XXV SICOT Triennial World Congress; Prague, Czech Republic (September, 2011).
106. ***Koptan W**, ElMiligui Y, El-Sharkawi M* Transforaminal Lumbar Interbody Fusion for Tuberculous Spondylodiscitis of the Lumbosacral Spine. The XXV SICOT Triennial World Congress; Prague, Czech Republic (September, 2011).
107. ***Koptan W**, ElMiligui Y, El-Sharkawi M, Shafik F* Unilateral Transforaminal Lumbar Interbody Fusion for Postlaminectomy Spondylolisthesis. The XXV SICOT Triennial World Congress; Prague, Czech Republic (September, 2011).
108. *El-Sharkawi M, **Koptan W**, ElMiligui Y, EL-Sherif E* Asymmetric Pedicle Subtraction Osteotomy: A Useful Tool for Severe Scoliotic Deformities. The XXV SICOT Triennial World Congress; Prague, Czech Republic (September, 2011).
109. *ElMiligui Y, **Koptan W**, El-Sharkawi M, Arafa* Single Stage Reduction and Unilateral Transforaminal Lumbar Interbody Fusion for High Grade Isthmic Spondylolisthesis. The 46th Annual Meeting of the **SRS** (Scoliosis Research Society); Louisville, Kentucky, USA (September, 2011).
110. ***Koptan W**, ElMiligui Y, El-Sharkawi M, Shafik F, Arafa* All Pedicle Screw Instrumentation for Scoliosis Correction in Neurofibromatosis. Is it worth it? The 46th Annual Meeting of the **SRS** (Scoliosis Research Society); Louisville, Kentucky, USA (September, 2011).
111. *ElMiligui Y, **Koptan W**, El-Sharkawi M, Arafa A, Ramadan M* Correction of Neglected Congenital Spinal Deformities Associated With Intraspinous Anomalies. Is it Safe? The 46th Annual Meeting of the **SRS** (Scoliosis Research Society); Louisville, Kentucky, USA (September, 2011).

112. *ElMiligui Y, Koptan W, El-Sharkawi M, Arafa A* Single Stage Posterior Vertebral Column Resection of Lumbar Hemivertebrae in Children under the Age of 10 Years. The 46th Annual Meeting of the **SRS** (Scoliosis Research Society); Louisville, Kentucky, USA (September, 2011).
113. *Koptan W, ElMiligui Y, El-Sharkawi M* Long Term Results of Scheuermann's Kyphosis Correction by Posterior Osteotomies and All Pedicle Screw Constructs. The 78th Annual Meeting of the **AAOS** (American Academy of Orthopaedic Surgeons); San Francisco, California, USA (February, 2012).
114. *Koptan W, ElMiligui Y, El-Sharkawi M, Shafik F* Direct Reduction and Transforaminal Lumbar Interbody Fusion for High Grade Isthmic Spondylolisthesis. The 78th Annual Meeting of the **AAOS** (American Academy of Orthopaedic Surgeons); San Francisco, California, USA (February, 2012).
115. *El-Sharkawi M, Koptan W, ElMiligui Y* Asymmetric Pedicle Subtraction Osteotomy: A Useful Tool for Severe Scoliotic Deformities. The 78th Annual Meeting of the **AAOS** (American Academy of Orthopaedic Surgeons); San Francisco, California, USA (February, 2012).
116. *Kamal T, Rao M, Elnikety S, Koptan W, Casha J* Anterior cervical fusion: comparative study between standalone peek cages versus graft and plate fixation. The Britspine Meeting; Newcastle, United Kingdom (May. 2012).
117. *ElMiligui Y, Koptan W, El-Sharkawi M, Soliman O* Surgical Treatment of Unstable Burst Fractures of the Dorsolumbar Spine by Short Segment Posterior Instrumentation. To Fuse or Not to Fuse? The Combined 33rd SICOT & 17th PAOA Orthopaedic World Conference; Dubai, United Arab Emirates (November, 2012).
118. *ElMiligui Y, Koptan W, El-Sharkawi M, Soliman O* Single Stage Vertebral Column Resection (VCR) of Hemivertebrae in Children under the Age of 10 Years. The Combined 33rd SICOT & 17th PAOA Orthopaedic World Conference; Dubai, United Arab Emirates (November, 2012).
119. *Soliman O, Koptan W, ElMiligui Y, El-Sharkawi M* Proximal Humeral Fractures Treated with Hemiarthroplasty. Does Tenodesis of the Long Head of the Biceps Improve Results? The Combined 33rd SICOT & 17th PAOA Orthopaedic World Conference; Dubai, United Arab Emirates (November, 2012).

120. **Koptan W**, *ElMiligui Y, El-Sharkawi M, Soliman O* Long Term Results of Scheuermann's Kyphosis Correction by Multiple Posterior Ponte Osteotomies and All Pedicle Screw Constructs. The Combined 33rd SICOT & 17th PAOA Orthopaedic World Conference; Dubai, United Arab Emirates (November, 2012).
121. **Koptan W**, *ElMiligui Y, El-Sharkawi M, Soliman O* Simultaneous Anterior Debridement and Posterior Instrumentation for Multiple Level Tuberculous Spondylodiscitis. The Combined 33rd SICOT & 17th PAOA Orthopaedic World Conference; Dubai, United Arab Emirates (November, 2012).
122. *Allam A, ElHadidi T, ElMiligui Y*, **Koptan W**, *El-Sharkawi M* Anterior Corpectomy versus Multiple Level Discectomy in Cervical Spondylotic Myelopathy. The 79th Annual Meeting of the **AAOS** (American Academy of Orthopaedic Surgeons); Chicago, Illinois, USA (March, 2013).
123. *Soliman MO*, **Koptan W**, *ElMiligui Y, El-Sharkawi M* Proximal Humeral Fractures Treated with Hemiarthroplasty. Does Tenodesis of the Long Head of Biceps Improve Results. The 79th Annual Meeting of the **AAOS** (American Academy of Orthopaedic Surgeons); Chicago, Illinois, USA (March, 2013).
124. *Soliman MO*, **Koptan W**, *ElMiligui Y, El-Sharkawi M* Four Part Fracture Dislocations of the Proximal Humerus in Young Adults. Results of Fixation. The 79th Annual Meeting of the **AAOS** (American Academy of Orthopaedic Surgeons); Chicago, Illinois, USA (March, 2013).
125. *El-Sharkawi M*, **Koptan W**, *ElMiligui Y, Soliman MO* Single Stage Vertebral Column Resection (VCR) of Hemivertebrae in Children under the Age of 10 Years. The 80th Annual Meeting of the **AAOS** (American Academy of Orthopaedic Surgeons); New Orleans, Louisiana, USA (March, 2014).
126. *AbdElMohsen E, Fouad A, ElHadidi T, ElMiligui Y*, **Koptan W**, *El-Sharkawi M* Anterior Corpectomy versus Multiple Level Discectomy in Cervical Spondylotic Myelopathy. Conjoint Meeting of the (**APCSS-ASA**) 9th Asia Pacific Cervical Spine Society and the 1st Arab Spine Academy; Dubai, UAE (November, 2015).
127. *AbdElMohsen E*, **Koptan W**, *ElMiligui Y, El-Sharkawi M* Stand Alone Multiple Level Anterior Cervical Fusion Using PEEK Cages and Calcium Sulphate Pellets. Conjoint Meeting of the (**APCSS-ASA**) 9th Asia Pacific Cervical Spine Society and the 1st Arab Spine Academy; Dubai, UAE (November, 2015).

Supervisor of:

- Surgical Treatment of Dorsolumbar Fractures by Ligamentotaxis (*M.Sc. Essay 2002*).
- Evaluation and Plan of Management of Idiopathic Scoliosis (*M.Sc. Essay 2002*).
- Surgical Management of Rheumatoid Foot (*M.Sc. Essay 2004*).
- Percutaneous Vertebroplasty in Management of Pathological Fractures of the Spine (*M.Sc. Essay 2005*).
- Thoracoscopic Assisted Spine Surgery (*M.Sc. Essay 2005*).
- Artificial Lumbar Disc Replacement (*M.Sc. Essay 2005*).
- Recent Trends in the Surgical Repair of Spondylolysis of the Lumbar Spine (*M.Sc. Essay 2006*).
- Cervical Disc Replacement (*M.Sc. Essay 2007*).
- Kyphoplasty for the Management of Acute Spinal Fractures (*M.Sc. Essay 2009*).
- Autologous Chondrocyte Implantation of the Knee (*M.Sc. Essay 2011*).
- Transforaminal Interbody Fusion for the Management of Degenerative Lumbar Spine Disorders (*MD Thesis 2004*).
- Percutaneous Internal Fixation of Scaphoid Fractures (*MD Thesis 2004*).
- Two-Stage Correction of Adolescent Idiopathic Scoliosis (*MD Thesis 2005, in progress*).
- Surgical Management of Congenital Spinal Deformities (*MD Thesis 2006*).
- All Screws Technique for the Surgical Management of Dorsolumbar Adolescent Idiopathic Scoliosis (*MD Thesis 2006, in progress*).
- Surgical Management of Scheuermann's Disease (*MD Thesis 2007, in progress*).
- Stem Cell Therapy in Spinal Cord Injury Patients (*MD Thesis 2007, in progress*).
- Surgical Correction of Spinal Deformities in Neurofibromatosis (*MD Thesis 2009, in progress*).
- Anterior Corpectomy Versus Discectomy and Caging in Multiple level Cervical Spondylotic Myelopathy (*MD Thesis 2012*).
- Minimally Invasive Transforaminal Lumbar Interbody Fusion in Management of Low Grades Lytic Type Listhesis (*MD Thesis 2014*).
- Minimally Invasive Direct Repair of Lumbar Spondylolysis with a Pedicle Screw/Hook Construct (*MD Thesis 2016*).

Courses and meetings attended:

- The A/O Basic Course; Cairo, Egypt (September, 1996).
- Advanced Seminar on Limb Reconstruction and Trauma; Cairo, Egypt (March, 1997).

- The 1st Annual Conference of the ESG *Spine Surgery Update*; Cairo, Egypt (May, 1997).
- The 2nd Middle East Spine Group Meeting; Cairo, Egypt (September, 1997).
- The AAOS/EOA Review Course; Cairo, Egypt (November, 1997).
- The 2nd International Congress of the Egyptian Spine Group; Alexandria, Egypt (June, 1998).
- The 3rd Middle East Spine Group Meeting; Beirut, Lebanon (September, 1998).
- The 50th Annual International Congress of the **EOA** (Egyptian Orthopaedic Association); Cairo, Egypt (November, 1998).
- The International Depuy Acromed Spinal Course; Cairo, Egypt (January, 1999).
- The AAOS/EOA Review Course; Cairo, Egypt (April, 2000).
- The 1st International Congress on Spine; Cairo, Egypt (January, 2001).
- The Spinal Fractures Symposium; Cairo, Egypt (February, 2001).
- The 53rd Annual International Congress of the **EOA** (Egyptian Orthopaedic Association); Cairo, Egypt (November, 2001).
- Instructional Hip Course; Cairo, Egypt (October, 2002).
- The Mediterranean Spine Surgery Meeting; Ankara, Turkey (September, 2002).
- The 2nd SICOT/SIROT Annual International Conference; Cairo, Egypt (September, 2003).
- The 55th Annual International Congress of the **EOA** (Egyptian Orthopaedic Association); Cairo, Egypt (December, 2003).
- The 7th Annual International Congress on Spinal Surgery; Cairo, Egypt (April, 2004).

- The 11th **IMAST** (International Meeting on Advanced Spine Techniques); Bermuda (July, 2004).
- The Annual Summer Meeting of the Neurosurgery Department Alexandria University; Alexandria, Egypt (September, 2004).
- The Arab International Congress for Spine Surgeries; Cairo, Egypt (October, 2004).
- The 1st Scientific Meeting “Spine Update I”; Cairo, Egypt (November, 2004).
- The 56th Annual International Congress of the **EOA** (Egyptian Orthopaedic Association) Combined with the 10th Pan Arab Orthopaedic Association Congress; Cairo, Egypt (November, 2004).
- The 1st International Congress of Skeletal Deformities; Cairo, Egypt (March, 2005).
- The 12th **IMAST** (International Meeting on Advanced Spine Techniques); Banff, Canada (July, 2005).
- The 57th Annual International Congress of the **EOA** (Egyptian Orthopaedic Association); Cairo, Egypt (November, 2005).
- The European and Middle East Meeting of the **SRS** (Scoliosis Research Society); Istanbul, Turkey (May, 2006).
- The 58th Annual International Congress of the **EOA** (Egyptian Orthopaedic Association); Cairo, Egypt (December, 2006).
- The 3rd International Course of Skeletal Deformities Correction; Cairo, Egypt (April, 2007).
- The 2nd Annual Meeting of the NeuroSpine Association; RasSedr, Egypt (July, 2007).
- The 42nd Annual Meeting of the **SRS** (Scoliosis Research Society); Edinburgh, Scotland (September, 2007).
- The 59th Annual International Congress of the **EOA** (Egyptian Orthopaedic Association); Cairo, Egypt (November, 2007).

- The 4th International Course of Skeletal Deformities Correction; Cairo, Egypt (April, 2008).
- The 43rd Annual Meeting of the **SRS** (Scoliosis Research Society); Salt Lake City, Utah, USA (September, 2008).
- The 60th Annual International Congress of the **EOA** (Egyptian Orthopaedic Association); Cairo, Egypt (November, 2008).
- The 76th Annual Meeting of the **AAOS** (American Academy of Orthopaedic Surgeons); Las Vegas, Nevada, USA (February, 2009).
- The 5th International Course of Skeletal Deformities Correction; Cairo, Egypt (April, 2009).
- The 11th International Spine Conference; Cairo, Egypt (July, 2009).
- The 44th Annual Meeting of the **SRS** (Scoliosis Research Society); San Antonio, Texas, USA (September, 2009).
- The Annual Meeting of the **EUROSPINE** (Spine Society of Europe); Warsaw, Poland (October, 2009).
- The 25th Intensive Orthopaedic Review Course, Hip and Spine Disorders; Cairo, Egypt (November, 2009).
- The Regional Meeting of the **SRS** (Scoliosis Research Society) Combined with the 61st Annual International Congress of the **EOA** (Egyptian Orthopaedic Association); Cairo, Egypt (December, 2009).
- Kasr ElAini Orthopaedic Trauma Review Course; Cairo, Egypt (January, 2010).
- Kasr ElAini Orthopaedics Review Course; Cairo, Egypt (January, 2010).
- The 77th Annual Meeting of the **AAOS** (American Academy of Orthopaedic Surgeons); New Orleans, Louisiana, USA (March, 2010).
- The 27th Intensive Orthopaedic Review Course, Basic Trauma Course; Cairo, Egypt (October, 2010).

- The 62nd Annual International Congress of the **EOA** (Egyptian Orthopaedic Association); Cairo, Egypt (December, 2010).
- Kasr ElAini Orthopaedic Trauma Review Course; Cairo, Egypt (January, 2011).
- Kasr ElAini Orthopaedics Review Course; Cairo, Egypt (January, 2011).
- The 46th Annual Meeting of the **SRS** (Scoliosis Research Society); Louisville, Kentucky, USA (September, 2011).
- The first annual meeting of the **ESA** (Egyptian Spine Association); 6th October City, Egypt (February, 2012).
- The Combined 33rd SICOT & 17th PAOA Orthopaedic World Conference; Dubai, United Arab Emirates (November, 2012).
- The 1st Mediterranean Interdisciplinary Research Conference on Bone Augmentation Procedures and Injectable Therapeutics; Cairo, Egypt (January, 2013).
- The First Quarterly Meeting of the **ESA** (Egyptian Spine Association); Assuit, Egypt (February, 2013).
- AOSpine Advanced Course – Trauma, Tumors and Infections; Cairo, Egypt (June, 2013).
- The 47th Annual Meeting of the **SRS** (Scoliosis Research Society); Lyon, France (September, 2013).
- The third annual meeting of the **ESA** (Egyptian Spine Association) and AOSpine Symposium – Thoracolumbar Spine Trauma; Hurghada, Egypt (November, 2013).
- AOSpine Advanced Course – Lumbar Spine; Cairo, Egypt (May, 2014).
- The Annual Meeting of the **EUROSPINE** (Spine Society of Europe); Paris, France (October, 2014).
- AOSpine Local Seminar – Cervical Spine Trauma; Cairo, Egypt (October, 2014).

- The fourth annual meeting of the **ESA** (Egyptian Spine Association) and AOSpine Symposium – Degenerative Cervical Spine Disorders; Sharm Elsheikh, Egypt (November, 2014).
- AOSpine Local Seminar – Minimally Invasive Spine Surgery; Cairo, Egypt (January, 2015).
- AOSpine Local Seminar – Thoracolumbar Spine Trauma; Cairo, Egypt (February, 2015).
- AOSpine Faculty Training Program; Cairo, Egypt (March, 2015).
- AOSpine Local Seminar – Spinal Deformities; Mansoura, Egypt (June, 2015).
- AOSpine Research Workshop; Cairo, Egypt (June, 2015).
- Mansoura International Neurosurgery Conference **MINC** and AOSpine Symposium – Minimally Invasive Spine Surgery; Alexandria, Egypt (July, 2015).
- 11th Pan Arab Spine Society Meeting in conjunction with Africa Spine, AOSpine and Egyptian Scoliosis Society (September, 2015).
- AOSpine Advanced Symposium—Cervical Spine; Cairo, Egypt (December, 2015).

References are available upon request.