

# CURRICULUM VITAE

## A. PERSONAL EXPERIENCE

### 1. PERSONAL INFORMATION

**NAME** : Ramzi Sharif Moucharafieh  
**DATE OF BIRTH** : December 1st, 1959  
**PLACE OF BIRTH** : Choueifat-Lebanon  
**NATIONALITY** : Lebanese  
**MARITAL STATUS** : Married  
**ADDRESS** : Department of Orthopedic Surgery  
St Georges University Hospital  
Balamand University  
Beirut-Lebanon  
E-mail: ramzi.moucharafieh@gmail.com

**LANGUAGES:** Arabic, English and French

### 2. EDUCATIONAL BACKGROUND:

**1975-1976** : Baccalaureate Part II, Experimental Science  
(With high distinction)  
National College of Choueifat  
Choueifat-Lebanon  
**1974-1975** : Baccalaureate Part I, Scientific Section  
National College of Choueifat  
Choueifat-Lebanon

### POST-GRADUATE YEARS (PGY):

**July 1989 - June 1991** : Senior Registrar, Hand & Microvascular Surgery Unit  
Robert Jones and Agnes Hunt Orthopaedic Hospital  
Oswestry, Shropshire England  
**July 1988 - June 1989** : Orthopedic Registrar,  
Robert Jones & Agnes Hunt Orthopedic Hospital  
Oswestry, Shropshire England  
**July 1987 - June 1988** : Chief Resident in Orthopedic Surgery (PGY V)  
American University of Beirut Medical Center  
Beirut-Lebanon

- July 1986 - June 1987** : Second Year Resident in Orthopedic Surgery (PGY IV)  
American University of Beirut Medical Center  
Beirut-Lebanon
- July 1985 - June 1986** : First Year Resident in Orthopedic Surgery (PGY III)  
American University of Beirut Medical Center  
Beirut-Lebanon
- July 1984 - June 1985** : First Year Resident in General Surgery (PGY II)  
American University of Beirut Medical Center  
Beirut-Lebanon
- July 1983 - June 1984** : Straight Surgical Internship (PGY I)  
American University of Beirut Medical Center  
Beirut-Lebanon

**DEGREES & CERTIFICATES:**

- 1991** : Certificate of Hand and Microvascular Surgery  
Robert Jones and Agnes Hunt Orthopedic Hospital  
University of Birmingham, U.K.
- 1989** : Certificate of postgraduate training in Orthopaedic surgery  
Robert Jones and Agnes Hunt Orthopaedic Hospital  
University of Birmingham, U.K.
- 1988** : Certificate of Training in Orthopedic Surgery  
American University of Beirut Medical Center  
Beirut-Lebanon
- 1984** : Medical Doctor (M.D.)  
American University of Beirut Medical Center  
Beirut-Lebanon
- 1979** : B.S. of Biology & Chemistry  
American University of Beirut  
Beirut-Lebanon
- 1976** : Lebanese Baccalaureate Part II
- 1975** : Lebanese Baccalaureate Part I

## **LICENCES:**

- July 1991** : Full Registration, General Medical Council  
United Kingdom
- December 1990** : Animals (Scientific Procedures) Act 1986  
Home Office, United Kingdom
- May 1987** : Lebanese Order of Physicians  
Ministry of Health, Lebanon

## **3. ACADEMIC WORK EXPERIENCE:**

- July 2005** : Clinical Professor of Orthopaedic Surgery  
Department of Orthopaedics  
St George's University Hospital  
Balamand University
- July 1997 – June 2005** : Associate Professor of Orthopaedic Surgery  
Department of Surgery  
American University of Beirut Medical Center
- July 1993 – June 1999** : Head, Orthopaedic Surgery Division  
American University of Beirut Medical Center
- July 1992 – March 2000** : Director, Emergency Unit  
American University of Beirut Medical Center
- July 1991 – June 1997** : Assistant Professor of Orthopedic Surgery  
Department of Surgery,  
American University of Beirut Medical Center

## **B. RESEARCH:**

### **1. REFEREED ARTICLES IN INTERNATIONAL JOURNALS**

1. The arthroscopic treatment of infiltrated calcifying tendonitis. *G Rassi, R Moucharafieh, P Brogard, P Woratanarat, P Clavert, JF Kempf*. Submitted for publication at the Journal of Shoulder and Elbow surgery. Ref JSES-D-08-00084.
2. Midcarpal instability: A pathophysiological approach- experimental study: *J Wehbe, G Maalouf, G Farah, R Chidiac, R Moucharafieh*. Submitted for publication at the Journal of Hand Surgery. Ref JHSB-S-06-00189
3. Pectus Carinatum: A novel method of sternal fixation. *Mouhyeiddine M. Al Taki, Pierre M. Sfeir, Ramzi S. Moucharafieh, Asaad M. Taha*. Accepted for publication in The Annals of Thoracic surgery
4. Nerve transfers in the upper extremity: A review *Ramzi C Moucharafieh , Mohammad I Badra, Karl A Boulos, Jad I Mansour, Jimmy C Daher, Hassan M Wardani, Hicham G Abd El Nour, Elias G Sayde, Alexandre H Nehme* Injury. 2020 May 21; S0020-1383(20)30346-6. doi: 10.1016/j.injury.2020.04.015. Online ahead of print.
5. Rectus Abdominis free tissue transfer in lower extremity reconstruction: Long term follow up in 58 cases. *Moucharafieh RC, Nehma AH, Badra MI, Rahal MJH*. Injury. 2019 Oct 19. Pii: S0020-1383(19)30643-6 doi: 10.1016/j.injury.2019.10.042.eCollection 2019.
6. Posterior Tibial nerve Schwannoma mimicking tarsal tunnel syndrome. *J.Maalouf M.D, Rami Ayoubi M.D, Hicham Abdelnour M.D, Jad Koussaify M.D, Mohammad Badra M.D, Alexander Nehme M.D, Ramzi S. Moucharafieh*. Volume 19 Issue, 2 Vision 1.0 2019, Online ISSN: 2249-4618 & print ISSN: 0975-5888
7. Elbow Cystic Lymphangioma in an 8 Months-Old-Boy. *Mohammad Jawad Rahal, Morad R. Abou Al Ezz, Rabab A. El Hajj, Jad Z. Chokor, Selim M. Nasser and Ramzi Moucharafieh* Case Reports in Orthopedics Volume 2019, Article ID 8762614, 5 pages
8. Calcaneus Metastasis from Follicular Thyroid Carcinoma 12 Years after Total Thyroidectomy *Mohammad Jawad H. Rahal, Karam M. Karam, Selim M. Nasser, Jihad A.Daher, Hicham G. Abdel Nour, Alexandre H. Nehme, and Ramzi C.Moucharafieh* Case Reports in Orthopedics Volume 2018, Article ID 5281452, 5 pages
9. Locked central fracture dislocation of the hip in a child after low-energy trauma. *Nehme AH, Daoud JC, Abdelnour HG, Bou Mounsef JN, Moucharafieh RC, Wehbe JW*. Case Rep Ortho. 2017;2017:6873484. Doi: 10.1155/2017/6873484. Epub 2017 Nov 17.
10. Surgical hip dislocation for management of acetabular osteochondroma in an adult. *Alex Nimeh, George Haydamous, Hisham Abdel Nour, Jack Bou Monsef, Joseph Wehabe, Ramzi Moucharafieh*. Case reports in Orthopaedics. Volume 2017; Article ID 8481563, 3 pages.

11. Arthroscopic resection of a bilateral calcaneonavicular coalition in a child. *Nehme AH, Bou Monsef J, Bou Ghannam AG, Imad JP, Moucharafieh R, Wehbe J*. The journal of foot and ankle 2015 Sep-Oct;55(5):1079-82.
12. Acute Paraplegia secondary to thoracic disc herniation of the adjacent segment following thoracolumbar fusion and instrumentation. *M I Badra, R Assaker, R Musharrafiieh*. Asian Spine Journal 2013; 1: 55-59
13. Literature Review and Clinical Presentation of Bilateral Acetabular Fractures Secondary to Seizure Attacks. *Alexandre Nehme, Jihad Matta, Alaa G. Bou Ghannam, Fouad Jabbour, Joseph Imad and Ramzi Moucharafieh*. Case Reports in Orthopedics Volume 2012, Article ID 240838.
14. Arthroscopic Excision of Intra-Articular Hip Osteoid Osteoma: A Report of Two Cases. *Alexandre Nehme, Alaa G. Bou Ghannam, Joseph Imad, Fouad Jabbour, Ramzi Moucharafieh and Joseph Wehbe*. Case Reports in Orthopedics Volume 2012, Article ID 820501.
15. Vertebral Fragility Fractures: Where do we stand? *Ghassan Maalouf, Majed Issa, Firas Atallah, Falah Bachour, Gemma Adib, Roy Eid, Paul Yazbeck, Ramzi Moucharafieh, Yasser Yaghi, Joseph Wehbe*. "European Orthopaedics and Traumatology". 2011, 1(6): 231-235.
16. An Unusual Amniotic Rupture Sequence with Thoracoabdominal Restricting Band, Low-Set Posterior Hairline, and Trapezius Contracture. *Bishara S. Atiyeh, MD, FACS\* and Ramzi Moucharafieh*. The Journal of Craniofacial Surgery. 09/2010; 21(5):1400-3.
17. False aneurysm of the External Iliac Artery caused by Aseptic Loosening and Migration of a Cemented Cup. *Alexandre H. Nehme, Jihad F. Matta, Nadim M. Moufarrej, Fouad C. Jabbour, Ramzi C. Moucharafieh, Michel A. Feghaly*. "Hip International": The journal of clinical and experimental research on hip pathology and therapy. 2010, 20(1): 123-5.
18. Risk Estimates for Hip Fracture From Clinical and Densitometric Variables and Impact of Database Selection in Lebanese Subjects. *Badra M, Mehio-Sibai A, Al-Hazzouri AZ, Naja HA, Baliki G, Salamoun M, Afeiche N, Baddoura O, Bulos S, Haidar R, Lakkis S, Musharrafiieh R, Nsouli A, Taha A, Tayim A, El-Hajj Fuleihan G*. "J Clin Densitom". 2009, 12 (3): 272-278.
19. Nuchal Type Fibroma of the ankle: A case report. *R Moucharafieh, Assad Taha, Shafic Sraj*. Journal of "Foot and ankle surgery". 2008, 47 (4): 332-6.
20. Long Term Follow-Up on Microsurgical Free tissue Transfer in foot and Ankle Reconstruction. *Ramzi Musharrafiieh, Joseph Wehbe, Ghassan Maalouf, Bishara Atiyeh* Journal of "Foot and ankle surgery". 2008, (14) 82-88.
21. Isolated Vastus Medialis Obliquus Ruptures: Repair using Absorbable anchor sutures. *Ramzi Moucharafieh, Joseph Wehbe, Alex Nimeh, Chawki Kirtbawi, Assad Taha, Muhieddine Taki, Ghassan Maalouf*. Journal of "Techniques in Orthopaedics". 2008, 23(2) 137-139.

22. Aesthetic surgery and religion: Islamic law perspective. *Bishara Atiyeh, Mohamed Kadry, Shady Hayek* **Ramzi Musharrafieh**, Journal of Aesthetic Plastic Surgery. 2008, 32 (1): 1-10.
23. Meralgia Paresthetica: A result of tight trendy low cut trousers (“taille basse”). **Ramzi Moucharrafieh**, Joseph Wehbe, Ghassan Maalouf. International Journal of Surgery. 2008, (6): 164-168.
24. Pectoralis Major Rupture: Repair using Absorbable anchor sutures. **R Moucharrafieh**, J Wehbe, Assad Taha, Muheiddine Taki, G Malouf, “Journal of Orthopaedics”. 2007; 4 (4) e 13.
25. Arthroscopically Assisted Reconstruction and Percutaneous Screw Fixation of a Pilon Tibial Malunion . *Alex Nimeh,, Ziad Tannous, Joseph Wehbe, Ramzi Mecharrafieh\_Ghassan Maalouf* Journal of Foot and ankle surgery. 2007, 46 (6) 502-507.
26. Hip Fractures in Lebanese Population: Risk Factors. *G Maalouf, J Wehbe, A Nehme, M Chediak, Y Yaghi, R Musharrafieh*. International Osteoporosis Foundation, World Congress of Osteoporosis, June 2006.
27. Characteristics of hip fracture in Lebanese Population *G Maalouf, J Wehbe, A Nehme, R Moucharrafieh, MH Gannage-Yared , RM Chidiac , Y Yaghi*.. Osteoporosis Int; 2005: 16; Suppl 3, 204.
28. Hip Fractures in Lebanese Patients: Determinants and Prognosis:*H Greybe, M Salamoun, M Badra, N Afeiche, O Baddoura, S Boulos, R Haidar, S Lakkis, R Musharrafieh, A Nsouli, A Taha, A Tayim, G El-Hajj Fuleihan*.. Journal of Clinical Densitometry. 2004, 7(4):368-375.
29. Diabetic Foot Salvage with Microsurgical Free Tissue Transfer. **R.Musharrafieh** S. Saghieh, G. Macari, B.Atiyeh, Journal of “Microsurgery”. 2003; 23(3):257-61.
30. The Distally Based Sural Fasciocutaneous Cross-Leg Flap: A New application of an old procedure. *B. Atiyeh, Al-Amm C, El-Musa K., Sawwaf A., R.Musharrafieh*. Plastic and Reconstructive Surgery, April 2003, 11(4), 1470-1474.
31. Epidermoid Cyst of the Thumb. **R. Musharrafieh**, G. Macari, A. Tawil, S. Saghieh, B. Atiyeh. Journal of Orthopedics, August 2002, 25(8).
32. Total Body Fat as a Predictor of Hip Fracture. G. El Hajj, M. Badra, A. Tayim, M. Salamoun, N. Afeich, O. Baddoura, S. Boulos, R. Haidar, S. Lakkis, G. Macari, **R. Musharrafieh**, A. Nsouli, A. Taha. The Journal of Bone Mineral Research 2002, supplement 1, Abstract 1393.
33. Knee Tuberculosis: Dilemmas and Clues Case Report & Review of Literature: *U. Musharrafieh, G. Araj, G. Zaatar, R. Musharrafieh*. Saudi Medical Journal, 2002, 22(8), 447-453.
34. Radial Forearm Fasciocutaneous Free Tissue Transfer in Ankle and Foot Reconstruction: Review of 17 Cases. **R.Musharrafieh**, B. Atiyeh, G. Macari, R. Haidar. Journal of Reconstructive Microsurgery, 2001, 17(3), 147-150

35. Lebanese Patients with Hip Fractures are relatively young but have Osteoporosis. *G. El Hajj, M. Badra, A. Tayim, M. Salamoun, N. Afeich, O. Baddoura, S. Boulos, R. Haidar, S. Lakkis, G. Macari, R. Musharafieh, A. Nsouli, A. Taha. The Journal of Bone Mineral Research 2001, supplement 1, abstract M 337.*
36. Temporary Arteriovenous Fistula and Microsurgical Free Tissue Transfer for Reconstruction of Complex Defects. *B. Atiyeh, I. Khalil, M. Hussein, C. Al-Amm, R. Musharafieh. Plastic and Reconstructive Surgery, August 2001, 485-488.*
37. Surgical Management of the Burned hand: An update and review of the literature. *B. Atiyeh, G. Ghanimeh, A. Nasser, R. Musharafieh. Annals of Burns and Fire Disasters, Vol. 13 (4), December 2000, p: 230-233.*
38. Salter-Harris I Fractures of the Distal Radius Misdiagnosed as Wrist Sprain. *R. Musharafieh, G. Macari. Journal of Emergency Medicine, 2000; 19(3):265-70.*
39. Rectus Abdominis Free Tissue Transfer in Lower Extremity Reconstruction: Review of 40 cases. *R. Musharafieh, G. Macari, S. Hayek, B. Atiyeh. Journal of Reconstructive Microsurgery, 2000; 16(5):341-345.*
40. Pharmacologic Partial Salvage of a Failing Free Flap with Recombinant Tissue Plasminogen Activator. *B. Atiyeh, N. Fuleihan, R. Musharafieh. Journal of Reconstructive Microsurgery, 1999; 15(8):585-590*
41. Microvascular Composite Tissue Transfer for the Management of Type IIIB and IIIC Fractures of the Distal Leg and Compound Foot Fractures. *R. Musharafieh, O. Osmani, S. Saghieh, B. Atiyeh. Journal of Reconstructive Microsurgery, 1999; 15(7):501-507.*
42. Microsurgical Free Tissue Transfer - A Valuable Reconstructive Procedure: Review of 75 cases. *R. Musharafieh, S. Saghieh, B. Atiyeh. International Surgery, 1999; 84(2):129-134.*
43. The Efficacy of Microsurgical Free Tissue Transfer in the Treatment of Chronic Osteomyelitis of the leg and foot: A review of 22 cases. *R. Musharafieh, O. Osmani, U. Musharafieh, S. Saghieh, B. Atiyeh. The Journal of Reconstructive Microsurgery, 1999; 15(4):239-244*
44. Local Recombinant Tissue Plasminogen Activator (RTPA) Thrombolytic Therapy in Microvascular Surgery. *B. Atiyeh, H. Hashem, A. Hamdan, R. Musharafieh. Journal of Microsurgery, 1999; 19(6):265-271.*
45. Microsurgical Free Tissue Transfer for Lower Extremity Reconstruction: A review of 52 cases. *R. Musharafieh, B. Atiyeh. Journal of the Arab Board of Medical Specialization, 1999; 1(1):81-87.*
46. Oral Competence Restoration with dynamic palmaris longus vascularized sling. *B. Atiyeh, R. Musharafieh. Archives of Otolaryngology-Head & Neck Surgery, 1998; 124(12):1390-2.*
47. Temporary Arterio-Venous Fistula for Microsurgical Reconstruction of an Extensive Scalp Defect. "Case Report". *B. Atiyeh, H. Hashim, A. Hamdan, R. Musharafieh. Mediterranean Journal of Surgery and Medicine, 1997; 2(1):1-4.*

48. Staged Arteriovenous Fistula And Free Flap Transfer. *B. Atiyeh, R. Musharafieh*. Annals of Plastic Surgery, 1997; 38(2): 193-194.
49. Ulnar Collateral Ligament Injury of the First Metacarpophalangeal Joint, A Frequently Missed Injury In The Emergency Unit. *R. Musharafieh, Y. Bassim, B. Atiyeh*. The Journal of Emergency Medicine, 1997; 15(2):193-196
50. Microvascular Soft Tissue Coverage and Distraction Osteosynthesis for Lower Extremity Salvage. *R. Musharafieh, S. Saghieh, H. Nassar, H. Hashem, B. Atiyeh*. Microsurgery, 1996; 17(12):666-673.
51. A New Surgical Approach For The Treatment Of Bennett's Fracture. *B. Atiyeh, R. Musharafieh*. The Mediterranean Journal Of Surgery And Medicine, 1996; 4(1):33-35.
52. Local Intravenous Thrombolysis with Recombinant Tissue Plasminogen Activator For Salvage Of Forearm Replantation. *H. Hachem, B. Atiyeh, A. Hamdan, R. Musharafieh*. The Journal of Reconstructive Microsurgery, 1996; 12(8):543-546.
53. Development of Emergency Medicine in Lebanon. *R. Musharafieh, R. Bu Haka*. Annals of Emergency Medicine, 1996; 28(1):82-86.
54. Klippel-Trenaunay-Type Syndrome: An Eponym For Various Expressions Of The Same Entity. *B. Atiyeh, R. Musharafieh*. Journal Of Medicine, 1995; 26(5-6):253-260.
55. Flexor Tendon Surgery In Zone II. A Review Of Primary Repair Followed By Immediate Controlled Passive Mobilization. *R. Musharafieh*. The Oswestrian Orthopedic Journal; 1991; 3:48-55.
56. Closed Femoral Nailing. Introduction of A New Technique To A District General Hospital. *R. Musharafieh*. The Oswestrian Orthopedic Journal, 1990; 2:14-17.
57. Reconstruction Of Shoulder And Arm Defects Using The Latissimus Dorsi Myocutaneous Flap. *Abou Jamra, M. Massad, R. Musharafieh*. Scandinavian Journal of Plastic And Reconstructive Surgery, 1986; 20(3):307-311.

**1. PUBLISHED TRANSACTION AND COMMUNICATIONS IN INTERNATIONAL CONFERENCES:**

**MEETINGS ATTENDED AS INVITED SPEAKER**

1. The 20 Panarabes orthopaedic association conference, the 11 international conference of the J.O.A, Le Royal Hotel, Amman Jordan, 1-4 November 2017.
2. Nano Formulated NSAIDs, France-Paris May 12, 2017.
3. Congrès De La Société Française De Chirurgie Orthopédique et Traumatologique “Palais des Congrès-Paris” November 8-11 2016.
4. The Orthopaedic Department University of Athens, Medical School “Attikon” University Hospital, Athens, May 5, 2016.
5. Paper presented: Biomechanics of locking plate osteosynthesis /Biomécanique de l'ostéosynthèse par plaque verrouillée Chirurgie Orthopédique de la Méditerranée, Ortho Mare Nostrum, Marseille December 3-4, 2014.
6. Paper presented: Application clinique de MIPPO avec les plaques verrouillées: Présentation de cas Chirurgie Orthopédique de la Méditerranée, Ortho Mare Nostrum, Marseille December 3-4, 2014.
7. Paper presented: Burden of Musculoskeletal Pain. Middle East Pain Symposium: “Managing Musculoskeletal Disorders”, 6-7 September 2013, Amman, Jordan.
8. Paper present: A critical appraisal of the performance of current guidelines on the management of Osteoarthritis in clinical practice OA Expert Round Table, Barcelona, Italy, July 2011.
9. Paper presented: Reduction techniques—concepts, tips and tricks. AO Course—Principles in Operative Fracture Management, 9–14 December 2007, Davos, Switzerland.
10. Paper presented: Long term follow up on free tissue transfer for foot and ankle reconstruction .The 12<sup>th</sup> Pan Arab Orthopaedic meeting/ the sixth conference of Jordanian Orthopaedic Association Oct 31-Nov 3, 2007-11-05, Amman, Jordan.
11. Paper presented: Midcarpal instability, an anatomical and pathophysiologic approach. The 12<sup>th</sup> Pan Arab Orthopaedic meeting/ The sixth conference of Jordanian Orthopaedic Association Oct 31-Nov 3, 2007-11-05, Amman, Jordan.
12. Paper presented: How to assess painful hip following Total hip replacement. The 12<sup>th</sup> Pan Arab Orthopaedic meeting/ the sixth conference of Jordanian Orthopaedic Association Oct 31-Nov 3, 2007-11-05, Amman, Jordan.
13. Paper presented: COX 2 inhibitors, a solution or a problem? The Middle East symposium on COX 2 inhibitors, Sept 29- Oct 2, 2004. Dubai, UAE.

14. Paper presented: What is new in the treatment of Osteoporosis. Fourth Lilly Regional Forum on Postmenopausal health, March 19-22, 2004 Salzburg, Austria.
15. Paper presented: The Distally Based Sural Fasciocutaneous Cross-Leg Flap: A New Application of an Old Procedure. The 6<sup>th</sup> Congress of the European of Federation of Societies for Microsurgery, June 20-23, 2002, Istanbul, Turkey.
16. Paper presented: Temporary Arterio-Venous Fistula and Microsurgical Free Tissue Transfer for Reconstruction of Complex Defects: Follow up Study. The 6<sup>th</sup> Congress of the European Federation of Societies for Microsurgery, June 20-23, 2002, Istanbul, Turkey.
17. Paper presented: Temporary Arterio-Venous Fistula and Microsurgical Free Tissue Transfer for Reconstruction of Complex Defects: The 7<sup>th</sup> Congress of the Pan Arab.
18. Association for Burn & Plastic Surgery, April 24-26, 2001, Amman, Jordan.
19. Paper presented: Latest Advances in the Treatment of Osteoporosis: Improved Patient Convenience. Bologna, Italy. March 15-17, 2001.
20. Paper presented: Pain Management: The Lebanese Experience. Grunenthal Regional Advisory Board Meeting, Luxor, Egypt, February 7-10, 2001.
21. Paper presented: Microvascular Composite Tissue Transfer for the Management of Osteomyelitis of the Lower Extremity. Hamcon International 2000, December 1-5, Patna Medical College, Bihar, India.
22. Paper presented: Microvascular Composite Tissue Transfer for the Management of Type IIIB and IIIC Fractures of the Distal Leg and Compound Foot Fractures. Hamcon International 2000, December 1-5, Patna Medical College, Bihar, India.
23. Paper presented: Microsurgery Workshop Instructor at Hamcon International 2000. December 1-5, 2000, Patna Medical College, Bihar, India.
24. Paper presented: Local Recombinant Tissue Plasminogen Activator Thrombolytic Therapy in Microvascular Surgery. XXXVI Brazilian Congress of Plastic Surgery, November 12, 1999, Rio de Janeiro, Brazil.
25. Microsurgery Workshop Instructor – 15<sup>th</sup> Microsurgery Seminar. Hellenic Society of Reconstructive Microsurgery/Hellenic College of Orthopaedic Surgeons July 7-11, 1999. Ioannino, Greece.
26. Paper presented: Microvascular Composite Free Tissue Transfer for the Management of Osteomyelitis of the Lower Limb. 15<sup>th</sup> Microsurgery Seminar – Hellenic Society of Reconstructive Microsurgery/Hellenic College of Orthopaedic Surgeons, July 7-11, 1999, Ioannina, Greece.
27. Paper presented: The Salvage of a Diabetic Foot. International Society of Reconstructive Microsurgery. June 22, 26, 1999, Los Angeles, USA.

28. Paper presented: The Use of Thrombolytic Agent for Salvage of a replanted arm. International Society of Reconstructive Microsurgery. June 22, 26, 1999, Los Angeles, USA.
29. Paper presented: Microvascular Composite Tissue Transfer for the Management of Osteomyelitis of the Lower Extremity. The 6<sup>th</sup> GCC Orthopaedic Association Conference, December 5-8, 1998, Doha, Qatar.
30. Paper presented; Microvascular Composite Tissue Transfer for the Management of Type IIIB & IIIC fractures of the Distal Leg and Compound Foot Fractures. The 6<sup>th</sup> GCC Orthopedic Association Conference, December 5-8, 1998, Doha, Qatar.
31. Paper presented: Microvascular Composite Tissue Transfer for the Management of Osteomyelitis of the Lower Limb. Pan Arab Orthopaedic Conference, October 19-22, 1998, Amman, Jordan.
32. Paper presented: Microvascular Composite Tissue Transfer for the management of Type IIIB and IIIC Fractures of the Distal Leg and Foot. Pan Arab Orthopaedic Conference, October 19-22, 1998, Amman, Jordan.
33. Paper presented: Microsurgical Reconstruction of Diabetic Foot Ulcers: Lebanese experience. Third Medical – Scientific Congress of the Syrian Medical Association. September 29 – October 1<sup>st</sup>, 1996, Damascus, Syria.
34. Paper presented: Free Tissue Transfer: An expanding horizon in Lebanon at the Third Medical Scientific Congress, Syrian Aesthetic Reconstruction and Burns Association, First Scientific Congress, Damascus, Syria, September 29-30, 1996.
35. Paper presented: Early Microvascular Reconstruction of Gustilo Type III-C Lower Extremity Wound. GCC Association of Plastic Surgeons Second Congress and Scientific Meeting. November 6-9, 1995, Dubai, U.A.E.
36. Paper presented: Three years experience in Microvascular Surgery at AUBMC. Medical Syndicate of Aleppo, July 7-9, 1995, Aleppo, Syria.
37. Paper presented: Microvascular Reconstruction of the Diabetic Foot. Medical Syndicate of Aleppo, July 7-9, 1995, Aleppo, Syria.
38. Lebanese Orthopaedic Alumni Presentation to Professor B.O'Connor: Old Oswestrian Meeting, June 2nd, 1995, Robert Jones and Agnes Hunt Orthopaedic Hospital, Oswestry, Shropshire, U.K.
39. Paper presented: Emergency Medicine in Lebanon: Society of Academic Emergency Medicine Meeting, May 21-24, 1995, San Antonio, Texas, U.S.A.
40. Paper presented: Microvascular Composite Tissue Transfer: An Expanding Horizon in Reconstructive Surgery. 1<sup>st</sup> Pan Arab Conference of Plastic, Reconstructive and Maxillo-Facial Surgery May 1-4, 1994, Tripoli, Libya.
41. Paper presented: New Surgical Approach for the Treatment of Bennett's Fractures. 21<sup>st</sup> Annual Senior Residents Meeting of Plastic and Reconstructive Surgery, Norfolk, Virginia, USA 1982.



## **2. PUBLISHED TRANSACTIONS AND COMMUNICATIONS IN LOCAL CONFERENCES**

### **MEETINGS ATTENDED AS INVITED SPEAKER**

1. The 16<sup>th</sup> Annual Meeting of the Lebanese Orthopaedic Society. October 3-5, 2019. Hilton Beirut Metropolitan Palace, Lebanon, Beirut.
2. International Musculoskeletal Society (IMS). July 1-3, 2019. Phoenicia Hotel, Beirut- Lebanon.
3. Bone Tumor & Bone Fragility From A to Z, May 3-4, 2019. Bellevue Medical Center, Beirut Lebanon.
4. Paper presented: Back to Basics: The Impact of B-Vitamins on Low Back Pain Hilton Beirut Metropolitan Palace, Lebanon, Beirut, 15 October 2018.
5. Why I Cannot Fix This Distal Radius Fracture with Locking Compression Plate? 15<sup>th</sup> Annual meeting of the Lebanese Orthopaedic Society, Hilton Beirut Metropolitan Palace, Lebanon, Beirut, 27-29 September 2018.
6. Round Tables on Shoulder Instability, International Musculoskeletal Society (IMS). July 8-10, 2018. Phoenicia Hotel, Beirut-Lebanon.
7. Paper presented: Is There Still a Place for Pins in Distal Radius Fractures in Elderly? The Middle East Regional Meeting on Fragility Fracture Care. May 3-5, 2018. Bellevue Medical Center, Beirut Lebanon.
8. Paper presented: Cubital Tunnel Syndrome Endoscopic vs Open, Transposition The 3<sup>rd</sup> Winter Orthopaedic Course WOC. February 14-16, 2018. Mzaar Intercontinental, Farayya.
9. Paper presented: Decision Making in Proximal Humerus fractures Sahel General Hospital, April,08 2017, Hilton Metropolitan Hotel, Beirut, Lebanon.
10. Paper presented: Nerve Transfers in the Upper extremity, Winter Orthopaedic Course, February 15-17, 2017, Mzaar Intercontinental, Farayya.
11. Paper presented: Primary Benign, Malignant Bone and Soft Tissue Tumors v/s Metastatic Lesions Of Bone, April, 23 2016, Bellevue Medical Center, Beirut, Lebanon.
12. Paper presented: Scapholunate Instability, WOC Winter Orthopaedic, Mzaar Intercontinental, Faraya-Lebanon, February 10-11&12, 2016.
13. Paper presented: Introduction to wrist Instability, WOC Winter Orthopaedic, Mzaar Intercontinental, Faraya-Lebanon, February 10-11&12, 2016.
14. Paper presented: Locking Plates : Principles and Biomechanics, The 19 International Congress Of The Panarab Orthopedic Association, 26-27& 28 November 2015, Habtoor Hotel, Beirut, Lebanon.

15. Paper presented: Humeral Shaft fractures, what the literature says, The 19 International Congress Of The Panarab Orthopedic Association, 26-27& 28 November 2015, Hilton Habtoor Hotel, Beirut, Lebanon.
16. Paper presented: Locking plates in Proximal humeral fractures: Pearls and Pitfalls, The 19 International Congress Of The Panarab Orthopedic Association, 26-27& 28 November 2015, Hilton Habtoor Hotel, Beirut, Lebanon.
17. Paper presented: Humeral Shaft fractures, conservative treatment, , The 19 International Congress Of The Panarab Orthopedic Association, 26-27& 28 November 2015, Hilton Habtoor Hotel, Beirut, Lebanon.
18. Paper presented: Tendon ruptures in the Upper extremity, The 19 International Congress Of The Panarab Orthopedic Association, 26-27& 28 November 2015, Hilton Habtoor Hotel, Beirut, Lebanon.
19. Paper presented: Tibial Plateau Fractures. 5 February 2015, Clemenceau Medical Center, Beirut, Lebanon.
20. Paper presented: Volar Fixed Angle Fixation of Distal Radius. 7 August 2014, Clemenceau Medical Center, Beirut, Lebanon.
21. Paper presented: Wound Coverage Techniques for the injured Extremity, 6 February 2014, Clemenceau Medical Center, Beirut, Lebanon.
22. Paper presented: Locking Plates, Principles and Modes of Failure, 3 October 2013 Clemenceau Medical Center, Beirut, Lebanon.
23. Paper presented: Vitamin D, an Evidence Based Review. 25 June, 2013, Clemenceau Medical Center, Beirut, Lebanon.
24. Paper presented: Dynamics of Carpal Instability/Dorsal Wrist Syndrome. 15-16 June, 2013, Upper Extremity & Hand Surgery & Rehabilitation Conference, Riviera Hotel, Beirut, Lebanon.
25. Paper presented: Reconstruction of Fingertip Amputations by Local Flaps. 15-16 June, 2013, Upper Extremity & Hand Surgery & Rehabilitation Conference, Riviera Hotel, Beirut, Lebanon.
26. Paper presented: Ligamentous Repair of Scapho-lunate Instability & Dissociation. 15-16 June, 2013, Upper Extremity & Hand Surgery & Rehabilitation Conference, Riviera Hotel, Beirut, Lebanon.
27. Paper presented: Concepts & Mechanisms of Elbow Stability. 20 April, 2013, Lebanese Orthopaedic Association Teaching Day, Upper Limb: Shoulder & Elbow Trauma, Lebanese Order of Physicians, Beirut, Lebanon.
28. Paper presented: Fractures of the Humerus. 20 April, 2013, Lebanese Orthopaedic Association Teaching Day, Upper Limb: Shoulder & Elbow Trauma, Lebanese Order of Physicians, Beirut, Lebanon.

29. Paper presented: Fractures of the Proximal Humerus. 20 April, 2013, Lebanese Orthopaedic Association Teaching Day, Upper Limb: Shoulder & Elbow Trauma, Lebanese Order of Physicians, Beirut, Lebanon.
30. Paper presented: Burden of Pain Management and the Impact on the Quality of Life, 12 March, 2013, Bringing a Different Approach in Pain Management, Phoenicia Intercontinental, Beirut, Lebanon.
31. Paper presented: Bone Grafts, 7 June, 2013, Clemenceau Medical Center, Beirut, Lebanon.
32. The Pan Arab Orthopedic Association 1<sup>st</sup> International Trauma Course: Shoulder and Elbow Trauma, 18-19 May 2012, Movenmpick, Beirut, Lebanon.
33. Paper presented: Per prosthetic Infection, A Multi disciplinary Approach, 5 April, 2012, Clemenceau Medical Center, Beirut, Lebanon.
34. Paper presented: Orthopaedic Emergencies in the Emergency Room. 18 December, 2012, Clemenceau Medical Center, Beirut, Lebanon.
35. Paper presented as invited speaker: Volar Fixed-Angle Fixation of Distal Radius Fractures, Spimaco Musculoskeletal Congress, April 28<sup>th</sup>-29<sup>th</sup>, 2012, Mzaar Intercontinental, Beirut, Lebanon.
36. Instructional Course Lecture, AO: Train the Trainer, December 17<sup>th</sup>, 2011, Phoenicia Intercontinental, Beirut, Lebanon.
37. Paper presented: Management of Severe hand Trauma, 3 November 2011, Clemenceau Medical Center, Beirut, Lebanon.
38. Paper presented as invited speaker: Management of Pain, What makes Etoricoxib a distinct treatment? November 26<sup>th</sup>, 2010, Habtoor Hotel, Beirut, Lebanon.
39. Paper presented: Distal Radius Fractures, Management in the Elderly Patient, 7 October 2010, Clemenceau Medical Center, Beirut, Lebanon.
40. Paper presented as invited speaker: Nonsteroidal Anti-Inflammatory Drugs in Orthopaedics, March 17<sup>th</sup>, 2010, Phoenicia Intercontinental Hotel, Beirut, Lebanon.
41. Paper presented as invited speaker: Fixation Principles in Osteoporotic Bone, December 3<sup>rd</sup>, 2009, Clemenceau Medical Center, Beirut, Lebanon.
42. Paper presented as invited speaker: Distal Radius Fracture in the Elderly, Musculoskeletal Diseases & Fragility Fractures Congress, November 21<sup>st</sup>-22<sup>nd</sup>, 2009, Broumana Grand Hills Village, Beirut, Lebanon.
43. Paper presented as invited speaker: Fractures of the Olecranon and Coronoid, The 14<sup>th</sup> International Congress of the Pan Arab Orthopaedic Association, October 29<sup>th</sup> – November 1<sup>st</sup>, 2009, Movenpick Hotel & Resort, Beirut, Lebanon.

44. Paper presented as invited speaker: Terrible Triad of the Elbow, The 14<sup>th</sup> International Congress of the Pan Arab Orthopaedic Association, October 29<sup>th</sup> – November 1<sup>st</sup>, 2009, Movenpick Hotel \$ Resort, Beirut, Lebanon.
45. Paper presented as invited speaker: What's New in Shoulder Surgery, The 14<sup>th</sup> International Congress of the Pan Arab Orthopaedic Association, October 29<sup>th</sup> – November 1<sup>st</sup>, 2009, Movenpick Hotel & Resort, Beirut, Lebanon.
46. Paper presented as invited speaker: Proximal Humerus Fractures: Plating, AO Trauma Advanced Course, August 7-9, 2009, Movenpick Hotel & Resort, Beirut, Lebanon.
47. Paper presented as invited speaker: Humeral Shaft Fractures: Plating, AO Trauma Advanced Course, August 7-9, 2009, Movenpick Hotel & Resort, Beirut, Lebanon.
48. Paper presented as invited speaker: Osteoporosis Management and Treatment Strategies, May 12, 2009, Gefinor Rotana Hotel, Beirut, Lebanon.
49. Paper presented as invited speaker: Osteoporosis Management: Treatment Strategies for Orthopedic Surgeons. March 30, 2009. Clemenceau Medical Center, Beirut, Lebanon.
50. Paper presented as invited speaker: Microsurgical Reconstruction of Chronic Foot Ulcers, Wound Healing, Update on Best Clinical Practice, 21 March, 2009, Beirut, Lebanon.
51. Paper presented as invited speaker: How to Give a Lecture? December 24, 2007. Clemenceau Medical Center, Beirut, Lebanon.
52. Paper presented: Management of Tibial Pilon Fractures. Bellevue Medical Center, Musculoskeletal Diseases Congress, 23-26 October 2008, Beirut, Lebanon.
53. Paper presented as invited speaker: Long term treatment of Osteoarthritis. Jan 20, 2006. Orthopaedic Doctors of Makassed Hospital, Beirut, Lebanon.
54. Paper presented as invited speaker: Osteoarthritis, current concept review. Dec 2, 2005. North Maten Doctors, Jounieh, Lebanon.
55. Paper presented as invited speaker: Law Back pain, Current Review. Lecture Series presented to Orthopaedic Doctors in the North, Dec 17, 2004, Batroun, Lebanon.
56. Paper presented as invited speaker: Law Back pain, Current Review. Lecture Series presented to Orthopaedic Doctors in West Beirut, Nov 25, 2004, Movenpick Hotel, Beirut, Lebanon
57. Paper presented as invited speaker: Updates on treatment of musculoskeletal pain. The advisory board meeting Pain Group Of the Middle East, Nov 23-24, 2005, Crowne Plaza, Beirut, Lebanon.
58. Paper presented as invited speaker: Law Back pain, Current Review. Lecture Series presented to Orthopaedic Doctors in Dahia, Nov 9, 2004, Safeer Hotel, Beirut, Lebanon.

59. Paper presented: Paper presented: The Use of Microsurgical Techniques for Limb Reconstruction. Instructional Course on Microsurgery. April 12, 2003, French Faculty of Medicine, Hotel Dieu, Beirut, Lebanon.
60. Paper presented: Microsurgical free tissue transfer for limb salvage: 2003 – Orthopaedic Symposium. April 5, 2003, Saint Georges Hospital, Beirut.
61. Paper presented: Microsurgical free tissue transfer for diabetic foot salvage: The Diabetic Foot Symposium. February 8, 2003; Hammoud Hospital, Saida, Lebanon.
62. Paper presented: Back Pain Current Concepts Review. The 1<sup>st</sup> Regional Residents' Meeting, July 6, 2002, Order of Physicians, Beirut, Lebanon.
63. Paper presented: Musculoskeletal pain following trauma: "Focus on Pain and Analgesia" Symposium, Hammoud Hospital, April 10, 1999, Saida, Lebanon.
64. Paper presented: Microsurgical Free-Tissue Transfer: Review of 75 cases. 2<sup>ème</sup> Journée Annuelle de la Société Libanaise de Chirurgie Plastique, December 5, 1998, Beirut, Lebanon.
65. Paper presented: Amputation Surgery-indications and Level Selection presented at "Traumatic Amputations Current Practice and Trends" Seminar, October 24, 1998, Dr. Mohamad Khaled Social Foundations, Beirut, Lebanon.
66. Paper presented: Impact of Osteoporosis on Orthopaedic Surgery: Continuing Medical Education, June 25, 1998, Zahle, Lebanon.
67. Paper presented: Temporary AV Fistula for Scalp Defect Microvascular Reconstruction. Update on Microsurgical Free Tissue Transfer and Replantation Surgery in Lebanon, April 25, 1998, Beirut, Lebanon.
68. Paper presented: Diabetic Foot Reconstruction. Update on Microsurgical Free Tissue Transfer and Replantation Surgery in Lebanon, April 25, 1998, Beirut, Lebanon.
69. Paper presented: Update on Microsurgical Free Tissue Transfer and Replantation Surgery in Lebanon: The Lebanese Society of Reconstructive Microsurgery Symposium. April 25, 1998, Lebanon.
70. Paper presented: Orthopaedic Complications of Osteoporosis: Continuing Medical Education. February 20, 1998, Nabatieh, Lebanon.
71. Paper presented: New insights on Fracture Prevention in Postmenopausal Osteoporosis: Continuing Medical Education, October 17, 1997, Beirut-Lebanon.
72. Paper presented: Microsurgical Composite Tissue Transfer: AUB MC experience. The 8<sup>th</sup> Panarab Surgical Congress, September 11-13, 1997, Beirut, Lebanon.
73. Paper presented: Arthralgias: An Overview: Continuing Medical Education. Lebanese Army Medical Brigade, May 23, 1997, Beirut, Lebanon. Symposium on Pain Syndromes: Continuing Medical Education. Lebanese Armenian Doctors Society, May 16, 1997, Beirut, Lebanon.

74. Paper presented: Treatment of Diabetic Foot Ulcers by Free Tissue Transfer: AUB-MC experience. The 32nd Middle East Medical Assembly. American University of Beirut, May 8-11, 1997, Beirut, Lebanon.
75. Paper presented: Carpal Tunnel Syndrome: Current treatment modalities: Lebanese Society of Rheumatology Symposium, December 14, 1996, Tripoli, Lebanon.
76. Paper presented: Diabetic Foot Ulcers: Management and Rehabilitation Symposium, December 7, 1996, American University of Beirut, Beirut, Lebanon.
77. Instructor: First Regional AO Course for the Middle East, April 10-14, 1996, Beit Mery, Lebanon.
78. Paper presented: Microvascular Soft Tissue Coverage and Distraction Osteosynthesis for Lower Extremity Salvage. The Third Pan Arab Congress of Plastic and Reconstructive Surgery and Burns. March 21-24, 1996, Beirut, Lebanon.
79. Paper presented: Microvascular Free Tissue Transfer for Reconstruction of Head and Neck Defects at AUBMC. The Third Pan Arab Congress of Plastic and Reconstructive Surgery and Burns. March 21-24, 1996, Beirut, Lebanon.
80. Paper presented: Microsurgical Composite Tissue Transfer: An expanding horizon in Lebanon. The Third Pan Arab Congress of Plastic and Reconstructive Surgery and Burns. March 21-24, 1996, Beirut, Lebanon.
81. Paper presented: Intravenous Thrombolytic Treatment with Recombinant Tissue Plasminogen Activator (RTPA) for Salvage of Hand Replantation. The Third Pan Arab Congress of Plastic and Reconstructive Surgery and Burns. March 21-24, 1996, Beirut, Lebanon.
82. Paper presented: Diabetic Foot: Surgical Grand Round, October 2, 1995, American University of Beirut Medical Center, Beirut, Lebanon.
83. Paper presented: Microvascular surgery, an update: Regional Course on "The Hand", February 21-22, 1992, American University of Beirut, Beirut, Lebanon.
84. Paper presented: Flexor Tendon Surgery: Regional Course on "The Hand", February 21-22, 1992, American University of Beirut, Beirut, Lebanon.
85. Paper presented: Primary and Secondary Tendon Repair. Regional Course on the Hand, Dysfunctions, Management and Rehabilitation. American University of Beirut Medical Center, February 1992, Beirut, Lebanon.
86. Paper presented: Contractures of the Hand. Regional Course on the Hand, Dysfunctions, Management and Rehabilitation. American University of Beirut Medical Center, February 1992, Beirut, Lebanon.
87. Paper presented: Reconstruction of the Thumb. Regional Course on the Hand, Dysfunctions, Management and Rehabilitation. American University of Beirut Medical Center, February 1992, Beirut, Lebanon.

88. Paper presented: Post-op. Evaluation of Hand Function. Regional Course on the Hand, Dysfunctions, Management and Rehabilitation. American University of Beirut Medical Center, February 1992, Beirut, Lebanon.
89. Paper presented: Wrist Instability: Regional Course on "The Hand", February 21-22, 1992, American University of Beirut, Beirut, Lebanon.
90. Paper presented: Flexor Tendon surgery in Zone II: A review of 70 patients August 19, 1991, American University of Beirut, Beirut, Lebanon.

#### **4. ARTICLES IN LOCAL JOURNALS:**

1. Microsurgical Free Tissue Transfer for Lower Extremity Reconstruction: A Review of 52 Cases. **R. Musharafieh.**, Atiyeh B. Journal of the Arab Board of Medical Specializations 1: 81-87, 1999.
2. Free Tissue Transfer and Replantation Surgery at AUBMC. **R. Musharafieh.** The Medical Periodical Journal, 1998; 1(6).
3. Emergency Medicine in Lebanon. **R. Musharafieh.** The Medical Periodical Journal, 1997; 1(1).
4. Closed Interlocking Intramedullary Nailing; The Early Lebanese Experience. **R. Musharafieh,** *G.N. Maalouf, S.S. Saghieh, R.R. Fakh, M.A. Riachi, H.A. Nassar.* Revue Medicale Libanaise, 1996; 8(3):155-158.
5. Reflex Sympathetic Dystrophy, Revisited. **R. Musharafieh,** *S. Saghieh.* Middle East Journal of Anesthesiology, 1996; 13(4):345-371.

## **CHAIRMANSHIP OF SESSIONS AT SCIENTIFIC MEETINGS:**

1. The 4<sup>th</sup> Annual meeting of the French Lebanese Oncology Meeting. October 11-12, 2019. Le Bristol, Lebanon, Beirut.
2. The 16<sup>th</sup> Annual meeting of the Lebanese Orthopedic Society. October 3-5, 2019. Hilton Beirut Metropolitan Palace, Lebanon, Beirut.
3. The 4<sup>rd</sup> Winter Orthopaedic Course WOC. February 12-16, 2019. Mzaar Intercontinental, Farayya.
4. 15<sup>th</sup> Annual meeting of the Lebanese Orthopaedic Society, Hilton Beirut Metropolitan Palace, Lebanon, Beirut, 27-29 September 2018.
5. The 3<sup>rd</sup> Winter Orthopaedic Course WOC. February 14-16, 2018. Mzaar Intercontinental, Farayya.
6. 14<sup>th</sup> Annual meeting of the Lebanese Orthopaedic Society, Le Bristol, Lebanon, Beirut, 28-30 September 2017.
7. Examiner in Arab Boards, Lebanon, Beirut, 22-23 July 2017.
8. 13<sup>th</sup> Annual meeting of the Lebanese Orthopaedic Society, Le Bristol, Lebanon, Beirut, 22-24 September 2016.
9. The 19 International Congress Of The Panarab Orthopedic Association, 26-27 & 28 November 2015, Hilton Habtoor Hotel, Beirut, Lebanon.
10. Multidisciplinary Musculoskeletal Pathlogostics, 21 & 22 May 2015, Beirut Hilton, Beirut, Lebanon.
11. "A Complementary Approach in Pain Management, 15 May 2013, Beirut Habtoor Grand, Beirut, Lebanon.
12. Musculoskeletal Diseases and Fragility Fractures Congress, 24-25 November, 2012, Bellevue University Medical Center, Beirut, Lebanon.
13. 1<sup>st</sup> Lebanese Hand & Reconstructive Surgery Conference, 17-18 November, 2012, Riviera Hotel, Beirut, Lebanon.
14. "Treat Pain with Excellence," 15 December, 2011, Phoenicia Intercontinental, Beirut-Lebanon.
15. 1<sup>st</sup> Annual Congress of the Lebanese Society Of Plastic Reconstructive and Aesthetic Surgery- LAPRAS and World Congress Of Plastic Surgeons Of Lebanon Descent October, 14-17 2010 , Beirut, Lebanon.
16. The 8<sup>th</sup> meeting of the Pan Arab Spine Society & the Annual Meeting of the Levant Orthopaedic Association, 21-24 October 2010, Beirut, Lebanon.

17. The 14<sup>th</sup> International Congress of the Pan Arab Orthopaedic Association, October 29<sup>th</sup> – November 1<sup>st</sup>, 2009, Beirut, Lebanon.
18. Pain Therapy: Evidence to Practice, 11 June 2009, Beirut-Lebanon.
19. The Annual Meeting of the Lebanese Orthopedic Association, 5-6 December 2008, Beirut-Lebanon.
20. Bellevue Medical Center Musculoskeletal Diseases Congress, 23-26 October 2008, Beirut-Lebanon.
21. AO Course—Principles in Operative Fracture Management, 9–14 December 2007, Davos Switzerland.
22. The Annual Meeting of the Lebanese Orthopaedic Association, September 29-October 1, 2005.
23. 1<sup>st</sup> Pan Arab Osteoporosis Conference, October 4-7, 2000, Beirut-Lebanon.
24. The Fifth Makassed Medical Congress, September 27-30, 2000, Beirut-Lebanon.
25. The XXXIV<sup>th</sup> Middle East Medical Assembly, Osteoporosis, Gearing up for the 3<sup>rd</sup> Millennium, May 8, 1999. American University of Beirut, Lebanon.
26. Third Pan Arab Congress of Plastic and Reconstructive Surgery and Burns. March 21-24, 1996, American University of Beirut, Beirut, Lebanon.
27. Lebanese Society of Rheumatology Annual Scientific Review, March 30, 1996, Hotel Dieu de France, Beirut, Lebanon.
28. Le Premier Congress International de Traumatologie, September 28-30, 1995. L'Hopital Saint Georges, Beyrouth, Liban.
29. The Second Lebanese A-O Symposium, May 1995, Beirut-Lebanon.
30. Les 4<sup>èmes</sup> Journées Médical, May 3-6, 1994, Lebanese Orthopaedic Association, Beirut, Lebanon.

## **CONTINUING MEDICAL EDUCATION**

### **1. MEETINGS ATTENDED**

1. The World Congress on Osteoporosis Osteoarthritis and Musculoskeletal Diseases, Palais des Congrès, Paris, France, 4-7 April, 2019.
2. SOFCOT, Palais des Congrès, Paris, France, 12-15 November, 2018.
3. American Academy of Orthopaedic Surgeons 2018 Annual Meeting, New Orleans, Louisiana, 6-10 March 2018.
4. Congrès de la société française de Chirurgie Orthopédique et Traumatologique, Palais de Congrès - Paris, 6-9 November 2017.
5. American Academy of Orthopaedic Surgeons 2017 Annual Meeting, San Diego, CA, 14-18 March 2017.
6. AO Foundation Davos Courses, AO trauma Masters Course, Current Concepts, Tips from the Masters, December 4-15, 2016, Davos, Switzerland.
7. American Academy of Orthopaedic Surgeons 2016 Annual Meeting, Orlando, Florida, 1-5 March, 2016.
8. AO Foundation Davos Courses, AO trauma Masters Course , Hand & Wrist, December 6-11, 2015.
9. SOFCOT, Palais des Congrès, Paris, France, 9-12 November, 2015.
10. 16<sup>th</sup> EFFORT Congress, Prague, Czech Republic, 27-29 May, 2015.
11. American Academy of Orthopaedic Surgeons Las Vegas, Nevada - March 24 – 28, 2015.
12. AOTrauma Masters Course—Current Concepts—Upper Extremity, December 7–11, 2014 Davos, Switzerland.
13. Chirurgie Orthopédique de la Méditerranée, Ortho Mare Nostrum, Marseille, France. December 3-4, 2014.
14. SOFCOT, Palais des Congrès, Paris, France 10-13 November, 2014.
15. Orthofix Upper Extremities Level 2 Course, Verona, Italy, Nov 3-5, 2014.
16. Neuropathy in Action: Neuropathic Pain Management Summit, 23 May, 2014, Grand Hyatt Hotel, Dubai-UAE.
17. MSD Bone and Pain Closed Satellite Symposium, 7 & 8 May, 2014, Crowne Plaza Barcelona Fira Center, Spain.

18. SOFCOT, Palais des Congrès, Paris, France 11-14 November, 2013.
19. EU & EMEA Musculoskeletal Scientific Symposium, 31 May-2 June 2013, Milan, Italy.
20. The Chronic-Degenerative Diseases of the Upper Limb in the Orthopaedic & Rheumatologic Field: Theoretical and Practical Course-US Lab, 12 April, 2013, Como, Italy.
21. Low Back Pain Speaker Training Program 2013, 28 February, 2013, Grand Hyatt Hotel, Dubai.
22. ERASS Instructional Course: Updates on the Medical and Surgical Treatment of Rheumatic Diseases, 29 November-1 December, 2012, Florence, Italy.
23. 1<sup>st</sup> Lebanese Hand & Reconstructive Surgery Conference, 17-18 November, 2012, Riviera Hotel, Beirut, Lebanon.
24. EMEAC Musculoskeletal Scientific Symposium, 4-6 May, 2012, Vienna, Austria.
25. Synthes Seminar: New Technologies in Operative Fracture Treatment, 26 April 2012, Dubai, UAE.
26. Evidence-Based Practices in Infection Control & Hospital Epidemiology Course, 21-22 March 2011, Beirut, Lebanon.
27. AO Trauma Course, Fragility Fractures and Orthogeriatric Comanagement, 4-8 December 2010, Davos, Switzerland.
28. Regional OA Expert Round-Table, 1-2 October 2010, Barcelona, Spain.
29. The XXII Annual Conference of Saint George Hospital University Medical Center, 15 October 2009, Beirut, Lebanon.
30. MSD Closed Research Update, Current Techniques for Pain Management in the Orthopedic Patient, 4 June 2009, Vienna, Austria.
31. AO Course, Principles of fracture management, 9-14 December 2007, Davos, Switzerland.
32. Advanced Course on Arthroscopic shoulder surgery, 8-10 November 2007, Liverpool, United Kingdom.

33. The 12<sup>th</sup> Pan Arab Orthopaedic conference/ 6th conference of Jordanian Orthopaedic Association, Oct31-Nov 3 2007, Amman, Jordan.
34. Fracture Management of the upper extremity, instructional course, 12-13 September, Barcelona, Spain.
35. JBJS CME Exam, The Physician's Recognition Award Program Of The American Medical Association, 15-16 November 2006.
36. 81e Reunion Annuelle: Societe Francaise de Chirurgie Orthopédique et Traumatologique. Nov 6-9, 2006, Paris, France.
37. Advances in fracture management. Sept 1-4, 2006, Dubai, UAE.
38. The first Lebanese Orthopaedic specialty Forum: Management of Shoulder Disorders conventional and arthroscopic, May 20, 2006, Beirut, Lebanon.
39. The XL Middle East Medical Assembly. May 11 - 14, 2006 Beirut, Lebanon.
40. A Course on Shoulder pathology, EFFORT on Tour seminar, March 10-11, 2006, Nicosia, Cyprus.
41. AO Tips for trainers course 5-6 March 2007, Amsterdam , The Netherlands.
42. Update on the management of Osteoarthritis, March 2-5, 2006 Paris, France.
43. The LCP user summit, AOAA , February 10, 2006, Beirut, Lebanon.
44. The 10<sup>th</sup> GCC & the 11<sup>th</sup> Pan Arab Orthopaedic Association, December 6-8, 2005, Bahrain, Kingdom of Bahrain.
45. The XXI<sup>st</sup> Annual Conference, Saint George Hospital University Medical Center, Faculty of Medicine, University of Balamand, November 17-19, 2005, Beirut, Lebanon.
46. The Annual Meeting of the Lebanese Orthopaedic Association, September 29-October 1, 2005, Beirut, Lebanon.
47. Open and arthroscopic techniques in shoulder surgery. Rosemont, Illinois, USA.
48. British Orthopaedic Association: Annual Congress 2004, Manchester International Convention Centre, 15 - 17th September 2004, Manchester, UK.

49. The XXXIXth Middle East Medical Assembly, May 6-8, 2004. American University of Beirut, Lebanon.
50. The Forth Lilly Regional Forum on Postmenopausal Health, March 19-2004, Salzburg, Austria.
51. British Orthopaedic Association: Annual Congress 2003, Birmingham International Convention Centre, 17-19 September 2003, Birmingham., UK.
52. The XXXVIIIth Middle East Medical Assembly, May 1-3, 2003. American University of Beirut, Lebanon.
53. Combined meeting of the British Society for Surgery of the Hand and the American Society for Surgery of the Hand, April 7 – 9, 2003, Cambridge, U.K.
54. British Orthopaedic Association Annual Congress 2002 Cardiff International Arena, 8 - 20 September 2002, Cardiff, UK.
55. The 6<sup>th</sup> Congress of the European Federation of Societies for Microsurgery, June 20-23, 2002, Istanbul, Turkey.
56. The XXXVIIth Middle East Medical Assembly, May 2-5, 2002. American University of Beirut, Lebanon.
57. 2<sup>nd</sup> Regional Board of Directors Meeting for Pain Management, Dubai, UAE, January 23-25, 2002.
58. The XXXVIth Middle East Medical Assembly, May 10-13, 2001. American University of Beirut, Lebanon.
59. The XXXVth Middle East Medical Assembly, May 4-7, 2000. American University of Beirut, Lebanon.
60. British Society for Surgery of the Hand. Combined Meeting with Swiss Hand Society and the British Association of Hand Therapists, Blackpool, United Kingdom, October 27-29, 1999.
61. First Lebanese-Brazilian Plastic Surgery Meeting, Portemilio Hotel, Lebanon, August 26-29, 1999.
62. First Spine Symposium: Current Concepts 1999. Advanced Course for the Management of Spinal Disorders. American University of Beirut, June 24-25, 1999. Beirut, Lebanon.
63. 2eme Symposium Franco-Libanais de Faculté de Médecine de L'Université Saint-Joseph. Les Lambeaux. June 12, 1999, Beirut, Lebanon.

64. A Two Day Symposium on Complex Trauma Management and Limb Reconstruction, University of Sheffield, May 2-4, 1999, Sheffield, U.K.
65. The XXXIVth Middle East Medical Assembly, May 6-9, 1999, American University of Beirut, Lebanon.
66. The Cologne Bone and Joint Course, April 23-24, 1999, Cologne, Germany.
67. American Academy of Orthopaedic Surgeons, 66<sup>th</sup> Annual meeting, February 4-8, 1999, Anaheim, California, U.S.A.
68. 1<sup>st</sup> Cadaveric Hands-On Course on Knee and Shoulder Arthroscopy in the Middle East, December 4-5, 1998, Doha, Qatar.
69. Premier Symposium Franco-Libanais de Chirurgie du Membre Supérieur, September 26, 1998, Université St. Joseph, Beirut, Lebanon.
70. 53<sup>rd</sup> Annual Meeting, American Society for Surgery of the Hand, September 10-12, 1998, Minneapolis, USA.
71. American Society for Surgery of the Hand, 1998 Current Concepts: Distal Radioulnar Joint Course, September 10, 1998, Minneapolis, USA.
72. 14<sup>th</sup> Congress, International Microsurgical Society, August 27-29, 1998, Corfu, Greece.
73. 4<sup>th</sup> Congress, European Federation of Societies for Microsurgery, August 25-27, 1998, Corfu, Greece.
74. The 7<sup>th</sup> Congress of the International Federation of Societies for Surgery of the Hand. May 24-28, 1998, Vancouver, Canada.
75. The 33rd Middle East Medical Assembly, American University of Beirut, May 7-10, 1998, Beirut, Lebanon.
76. Advanced Techniques in Shoulder Surgery an Instructional Course. April 3<sup>rd</sup> and 4<sup>th</sup> 1998, Vienna, Austria.
77. European League Against Rheumatism. 10<sup>th</sup> Symposium, November 19-22, 1997, Vienna, Austria.
78. "Fosamax" New Insights and Latest Research Advances, November 14, 1997, Prague, Czech Republic.
79. International Epidemiological Association, Eastern Mediterranean Regional Scientific Meeting, October 22-25, 1997, Beirut-Lebanon.

80. The VIII European-Arabian Medical Congress. Surgery by the Year 2000, American University of Beirut-Medical Center, Issam Fares Hall, October 3-4, 1997, Beirut-Lebanon.
81. The 52nd Annual Meeting of the American Society for Surgery of the Hand, September 11-13, 1997, Denver, Colorado, U.S.A.
82. Fourth Congress, Federation of the European Societies for Surgery of the Hand, June 15-18, 1997, Bologna, Italy.
83. The 32nd Middle East Medical Assembly, American University of Beirut, May 8-11, 1997, Beirut, Lebanon.
84. International meeting on Osteoporosis, April 16-18, 1997, Beirut-Lebanon.
85. Symposium on Upper and Lower Extremities Microvascular Reconstructions. March 7-8, 1997, Genval, Brussels, Belgium.
86. The 64th Annual Meeting of the American Academy of Orthopedic Surgeons February 13-17, 1997, San Francisco, California, U.S.A.
87. Combined Meeting of Hellenic & British Societies for Surgery of the Hand and the 6th Annual Meeting of the Hellenic Society for Reconstructive Microsurgery, October 9-13, 1996, Crete, Greece.
88. "The Cox Concept, Redefining Anti-inflammatory Therapy", July 3, 1996, Limassol, Cyprus.
89. The 31st Middle East Medical Assembly, American University of Beirut, May 9-12, 1996, Beirut, Lebanon.
90. Advanced Course AO/ASIF. December 10-16, 1995, Davos, Switzerland.
91. The Third Course in Post Traumatic Limb Reconstruction, November 6-8, 1995, University of Sheffield, England.
92. American Society for Surgery of the Hand, 50th Annual Meeting, September 13-16, 1995, San Francisco, California, U.S.A.
93. 2nd Triennial International Hand and Wrist Biomechanics Symposium, September 10-11, 1995 San Francisco, California, U.S.A.
94. Lebanon Chapter American College of Surgeons, 7th Clinical Congress; September 7-10, 1995, American University of Beirut, Beirut, Lebanon.

95. Combined British and French Microsurgical Societies Meeting, May 25-27, 1995, Ashford, Kent, U.K.
96. The 30th Middle East Medical Assembly, American University of Beirut, May 1995, Beirut, Lebanon.
97. "Old Oswestrian" Meeting, June 9-10, 1994, Robert Jones and Agnes Hunt Orthopaedic Hospital, Oswestry, Shropshire, U.K.
98. The 29th Middle East Medical Assembly, American University of Beirut, May 1994, Beirut, Lebanon.
99. The 61st Annual Meeting of the American Academy of Orthopedic Surgeons February 24 - March 2, 1994, New Orleans, Louisiana, U.S.A.
100. 59th A.O./ASIF Basic Course, 12-17 December 1993, Davos, Switzerland.
101. The 28th Middle East Medical Assembly, American University of Beirut, May 1993, Beirut, Lebanon.
102. Seminar on Prosthetics and Orthotics, April 1993, Nicosia, Cyprus.
103. Seminar and workshop on OrthoFix Dynamic Axial Fixation, March 29-30, 1993, Verona, Italy.
104. I.B. II Total Knee Replacement, September 1992, Florence, Italy.
105. A.O. Hand Course, December 1991, Davos, Switzerland.
106. Bone Tumors, November 1991, Lebanese Orthopaedic Association.
107. The 2nd Advanced Course in Practical Arthroscopic Surgery, Droitwich Knee Clinic, U.K. June 8-9, 1991, Worcestershire, England.
108. The 7th Oswestry Spine Symposium, May 20-22, 1991, Robert Jones and Agnes Hunt Orthopaedic Hospital, Oswestry, Shropshire, U.K.
109. The 8th British Course on Hip Surgery, October 1989, Robert Jones and Agnes Hunt Orthopaedic Hospital, Oswestry, Shropshire, U.K.
110. Musculoskeletal Infections Symposium, June 1989, Robert Jones and Agnes Hunt Orthopaedic Hospital, Oswestry, Shropshire, U.K.
111. The Diagnostic Imaging Symposium, June 7-9, 1989, Robert Jones and Agnes Hunt Orthopaedic Hospital, Oswestry, Shropshire, U.K.

112. The 6th Oswestry Spinal Disorders Symposium, May 24-26, 1989, Robert Jones and Agnes Hunt Orthopaedic Hospital, Oswestry, Shropshire, U.K.
113. Fourth British Course on Knee Instability, May 9-12, 1989, Robert Jones and Agnes Hunt Orthopaedic Hospital, Oswestry, Shropshire, U.K.
114. The 56th Annual Meeting of the American Academy of Orthopedic Surgeons February 9-14, 1989, Las Vegas, Nevada, U.S.A.
115. The Orthopedic Trauma Association Specialty Day Symposium, February 12, 1989 in Las Vegas, Nevada, U.S.A.

## **2. WORKSHOPS ATTENDED:**

- A.** American Academy of Orthopedic Surgeons (U.S.A.)
  - 1. Intertrochanteric Fracture Management
  - 2. Install/Burstein Total Knee System
  - 3. Anterior Cruciate Ligament Reconstruction
  - 4. Meniscal Stitching
  - 5. Fenlin Shoulder Replacement
  - 6. Primary Miller/ Galante Total Knee Replacement
  - 7. Revision Hip Arthroscopy
  - 8. Primary Harris/ Galante Porous Hip Replacement
  - 9. Basic Arthroscopy
  - 10. Shoulder Arthroscopy
  - 11. Ankle Arthroscopy
  - 12. Wrist Arthroscopy
  - 13. Elbow Arthroscopy
  - 14. Herbert Bone Screw
  - 15. Herbert Cannulated Bone Screw
  - 16. Clyburn External Fixator
  - 17. Interlocking Nail, Tibial System
  - 18. Freelock Supracondylar System
  - 19. Freelock Standard System
  
- B.** Microsurgery Workshops - In association with the Royal College of Surgeons of England. Northwick Park Hospital, Harrow, Middlesex, U.K.
  
- C.** Training Program in Biomechanics, December 1989 Robert Jones and Agnes Hunt Orthopaedic Hospital, Oswestry, Shropshire, U.K.
  
- D.** Clinical Neurophysiology Course, 1990. University of Oxford, Oxford, U.K.

## **C. TEACHING:**

### **Lectures to Med III students (Surgical Lectures):**

1. Physical Exam of the Wrist and Hand
2. Principles of Fracture Management

### **Lectures to Interns, Residents and Fellows:**

1. Anatomy of the hand
2. Physical Exam of the hand
3. General Principles of Hand Surgery
4. Anesthesia in Hand Surgery
5. Amputations of the Upper Extremity
6. Entrapment Neuropathies
7. Arthrodesis of small joints of the hand
8. Arthrodesis of Intercarpal Joints of the Hand
9. Arthrodesis of the wrist
10. Fractures and Dislocation (Metacarpal and Phalanges, Carpal bones, Wrist, Ligamentous injuries)
11. Tendons and Tenosynovitis (Primary and Secondary Repair, Reconstruction)
12. Microsurgery (Principles, Replantation, Free tissue transfer, Functioning Free muscle transfer, Vascularized bone grafting, Vascularized joint transfer, Microvascular Reconstruction of brachial plexus, Toe-to-thumb Transplantation, Toe-to-finger Reconstruction)
13. Bone Allograft

## **D. SERVICE:**

### **1. SERVICE TO THE PROFESSION**

#### **NATIONAL COMMITTEES AND SOCIETIES:**

- July 2002** : Member, Executive Board, Lebanese Osteoporosis Prevention Society
- December 1999** : Member, Scientific Committee for Rheumatism,  
Lebanese osteoporosis Prevention Society
- November 1999** : Member, Scientific Committee, Pan Arab Osteoporosis Society.
- June 1998** : Member, Scientific Committee, Lebanese Osteoporosis Prevention  
Society
- March 1998** : Member, Examining Committee Army Doctors
- December 1997** : Member, Examining Committee, for Lebanese Colloquium
- July 1997** : President, Lebanese Society of Reconstructive  
Microsurgery
- March-June 1997** : Committee Member, Civil Service Council
- July 1994** : Founding Member and Treasurer, Lebanese Society For  
Reconstructive Microsurgery.

#### **INTERNATIONAL COMMITTEES**

- June 2001** : Member, International Association for the Study of Pain
- December 2000** : Member, Regional Board of Pain Management
- August 2000** : Member, International Society of Orthopaedic Surgery and  
Traumatology
- April 2000** : Editor, Journal of the Arab Board of Medical Specializations
- December 1999** : Vice President, Arab Board of Medical Specialization for  
Emergency Medicine
- June 1999** : Member, Examining Board, The Arab Board of Medical  
Specializations
- October 1998** : Fellow, American College of Surgeons.
- January 1997** : Founding Member, American Academy of Emergency  
Physicians

- December 1996** : Member and Liaison Officer, Society for International Advancement of Emergency Medical Care
- September 1996** : Member, American Association for the Advancement of Science
- October 1995** : Member, AO Alumni Association
- June 1995** : Member, British Society for Surgery of the Hand
- July 1991** : Member, British Orthopedic Association
- July 1991** : Life Member, "Old Oswestrian" Club, Robert Jones and Agnes Hunt Orthopaedic Hospital, U.K.
- July 1989** : Member, British Microsurgical Society

## **2. SERVICE TO THE UNIVERSITY**

- October 2000** : Member, Senate  
American University of Beirut
- October 1998** : Member and Treasurer, Full-Time Faculty Association Committee,  
American University of Beirut
- February 1998** : Member, Procedure for Processing Outpatients Committee  
American University of Beirut Medical Center
- October 1995-July 1997** : Member, Senate Steering Committee  
American University of Beirut
- July 1994-June 1995** : Member, Quality Assurance Committee  
American University of Beirut Medical Center
- July 1994-July 1997** : Member, Senate  
American University of Beirut
- July 1992-March 2000** : Chairman, Ambulatory Services Committee
- July 1992-June 1994** : Member, Tissue Committee  
American University of Beirut Medical Center
- December 1991** : Member, Steering Committee on Prosthetics and Orthotics  
Program, American University of Beirut Medical Center
- July 1991** : Member, Medical Alumni Association
- July 1984 - June 1985** : Chairman, Athletics Committee  
Resident Staff Organization,

American University of Beirut

**July 1986-June 1987** : Secretary, Resident Staff Organization  
American University of Beirut

**3. SERVICE TO THE COMMUNITY:**

Pre-contract Surveillance visit to Al-Qassimy and Kuwait Hospital. January 8-10, 1999, Sharjah, United Arab Emirates.

## **AWARDS:**

1. Professor's Medal Lecture, July 1991, The Robert Jones & Agnes Hunt Orthopaedic Hospital, University of Birmingham, U.K.
2. The G.K. Rose Award for Biomechanics, July 1991, The Robert Jones & Agnes Hunt Orthopaedic Hospital, University of Birmingham, U.K.

## **INTRODUCTION OF NEW TECHNIQUES TO AUBMC:**

☒ Closed Intramedullary Nailing Techniques for Diaphyseal Fractures.

☒

☒ Microvascular Replantation Surgery and Free Tissue Transfer Surgery.

☒

☒ Free Vascularized Bone Transfer.

☒

☒ Arthroscopy of Small Joints.

☒

☒ Minimally Invasive Surgery in Fracture Management.

☒

☒ Bone Transport in Reconstructive Surgery.

☒

☒ Mosaic Chondroplasty of the knee.