

Professional CV
Dr. Chahine Assi
Clinical Professor



CURRICULUM VITAE

Chahine ASSI, MD, PhD

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Achrafieh, Beirut – Lebanon

Chahine.assi@lau.edu.lb

I. PERSONAL EXPERIENCE

Title: Clinical Professor

Institution: Lebanese American University – Gilbert and Rose-Marie Chagoury School of Medicine

Date of Birth: 6th January 1967

Nationality: Lebanese / French

LANGUAGES

English (Reading: Excellent / Writing: Very Good / Verbal: Very Good)

Arabic (Reading: Excellent / Writing: Excellent / Verbal: Excellent)

French (Reading: Excellent / Writing: Excellent / Verbal: Excellent)

WORK EXPERIENCE

| | |
|-------------------------------------|--|
| 2021+ Beirut, Lebanon | Interim Chair, Department of Surgery Gilbert and Rose-Marie Chagoury School of Medicine, Lebanese American University Lebanese American University Medical Center – Rizk Hospital |
| 2020+ Beirut, Lebanon | Associate Editor SICOT-J Journal |
| 2020-2022 Beirut, Lebanon | Chair of Hip Committee International Society of Orthopedic Surgery and Traumatology (SICOT) |
| 2019+ Beirut, Lebanon | Associate Clinical Professor Chair, Department of Orthopedic and Trauma Surgery Lebanese American University Lebanese American University Medical Center – Rizk Hospital |
| 2017-2019 Beirut, Lebanon | Associate Clinical Professor Faculty, Department of Surgery Lebanese American University Lebanese American University Medical Center – Rizk Hospital |
| 2010 Beirut, Lebanon | Assistant Clinical Professor Faculty, Department of Surgery Lebanese American University Lebanese American University Medical Center – Rizk Hospital |

EDUCATIONAL BACKGROUND

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|--------------------|--|
| 1998- 2002 | Orthopedic Fellowship |
| France | University of Montpellier I |
| 1997 - 1998 | Master of Research and Medical Science |
| France | University of Montpellier I |
| 1992 – 1997 | Orthopedic and Traumatology Surgery Residency |
| France | University of Montpellier I |
| 1985 - 1992 | Doctor of Medicine (MD) |
| France | University Claude Bernard |

CERTIFICATES AND DIPLOMAS

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| 2001 | Diploma of Complementary Specialized Studies (D.E.S.C): Orthopedic and Traumatological Surgery. |
| France | |
| 1999 | Graduate Diploma (D.E.S): General Surgery. (Faculty of Medicine, Montpellier-Nîmes). |
| France | University of Montpellier I. |
| 1999 | Thesis Doctor of Medicine. Lescellière-Lafosse Thesis Prize. (Faculty of Medicine, Montpellier-Nîmes). University of Montpellier I. |
| France | |
| 1998 | Master's certificate (C1): General Anatomy-Organogenesis. (Faculty of Medicine, Montpellier-Nîmes). University of Montpellier I. |
| France | |
| 1998 | Diploma of Advanced Studies (D.E.A): Oral Biology and Osteo-articular Biomaterials. University of Paris V, University of Paris VII, University of Nantes, University of Rennes, University of Toulouse (national D.E.A). Internship site: C.I.R.A.D Montpellier. |
| France | |
| 1995 | Master's certificate (C2): General and articular biomechanics. (INSERM Pr. Rabischong). University of Montpellier I. |
| France | |
| 1994 | University Diploma: Sectional and Surgical Anatomy. (Faculty of Medicine Montpellier-Nîmes). University of Montpellier I |
| France | |

ADMINISTRATIVE APPOINTMENTS

| | |
|-----------------|--|
| 2021+ | Interim Chair |
| Beirut, Lebanon | Department of Surgery |
| 2022+ | Member |
| Beirut, Lebanon | IMS Career & Professional Development Leadership Committee, Boston University Medical Center |
| 2021+ | Chair |
| Beirut, Lebanon | Operating Room Committee |
| | Member |
| | Out Patient Clinic Committee |
| | Strategic Planning Committee |
| | Medical Board |
| | Emergency Room Committee |
| | Credentials Committee |
| | Peer Review Committee |
| | Performance Improvement Committee |

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| 2019+ Beirut, Lebanon | Chair Department of Orthopedic and Traumatology Surgery |
| | Member Academic Council |
| 2019-2021 Beirut, Lebanon | Member Students Admission Committee |
| 2018 Beirut, Lebanon | Member Operating Room Committee |
| | Member MPP Committee |

TRAINING AND CERTIFICATES

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| 2022 - 2025 Beirut, Lebanon | CITI Biomedical Researcher Basic Course |
| 2002 France | French College of Orthopedics Traumatology |
| 1997 France | Master in Biological and Medical Sciences (M.S.B.M). University of Montpellier I. |
| | Master's Certificate (C1): Statistics and Computer Science. University of Montpellier I. |

LICENSES AND CERTIFICATION

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|--------------------------|------------------------------------|
| 2010+ Beirut, Lebanon | Lebanese Order of Physicians (LoP) |
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HONORS AND AWARDS

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| 1999 France | Thesis Doctor of Medicine. Lescellière-Lafosse Thesis Prize . (Faculty of Medicine, Montpellier-Nîmes). University of Montpellier I. |
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II. RESEARCH

Peer Reviewed Journal Publications

- [An uncommon complication of a common injury: Acute foot compartment syndrome following an ankle sprain: A case report and review of the literature.](#)
Otayek J, **Assi Ch**, Yammine K.
Medicine (Baltimore). 2023 Oct 20;102(42):e35660.
- [Gentamicin-permeated cement to sustain mechanical support for the treatment of a chronic calcaneal abscess. A case report.](#)
Yammine K, Alqaysi B, Mansour J, Otayek J, Daher J, **Assi Ch**.
Int J Surg Case Rep. 2023 Sep 16;111:108846. doi: 10.1016/j.ijscr.2023.108846.
- [Analysis of systemic risk factors between diabetic/vascular patients having primary lower limb amputations and re-amputations.](#)
Yammine K, Otayek J, Haikal E, Daher M, El Alam A, Boulos K, **Assi Ch**.
Vascular. 2023 Aug 8:17085381231194964. doi: 10.1177/17085381231194964.
- [Should we resect more proximally? Outcomes of toe amputation versus ray resection in patients with infected diabetic ulcers and osteomyelitis. A preliminary study and new treatment algorithm.](#)
Yammine K, Honeine M, **Assi Ch**.

Foot Ankle Surg. 2023 Jul 17;S1268-7731(23)00132-7. doi: 10.1016/j.fas.2023.07.004.

5. [Basic haematological tests as inflammatory performance markers of patients treated either by conservative surgery or minor amputation for infected diabetic foot ulcers.](#)

Yammine K, Abou Orm G, Mouawad J, **Assi Ch.**

Wound Repair Regen. 2023 Sep-Oct;31(5):627-634. doi: 10.1111/wrr.13104.

6. [Beirut massive blast explosion: A unique injury pattern of the wounded population.](#)

Yammine K, Daher J, Otayek J, Jardaly A, Mansour J, Boulos K, Alam AE, Ghanimeh J, Abou Orm G, Berberi M, Daccache E, Helou M, Estephan M, **Assi Ch,** Hayek F.

Injury. 2023 Feb;54(2):448-452. doi: 10.1016/j.injury.2022.11.021.

7. Major acetabular defects: outcomes of first revision total hip arthroplasty using Kerboull cross-plate with allograft and cemented dual mobility cup at a maximum follow-up of fourteen years.

Assi Ch, Mansour J, Boulos K, Caton J, Samaha C, El-Kayyem E, Yammine K.

Int Orthop. 2022 Aug 30. doi: 10.1007/s00264-022-05556-1. Online ahead of print.

8. Anemia prevalence among patients with diabetic foot ulcers necessitating surgery on admission: a preliminary, retrospective comparative study.

Yammine K, Akiki S, **Assi Ch,** Hayek F.

Wounds. 2022. Aug; 34(8): 216-219.

9. Amputation and mortality frequencies associated with diabetic Charcot foot arthropathy: a meta-analysis.

Yammine K, Boulos K, **Assi Ch,** Hayek F.

Foot Ankle Surg. 2022 Aug 13;S1268-7731(22)00162-X. doi: 10.1016/j.fas.2022.08.004. Online ahead of print.

10. Locating the danger zone to avoid injury to the sural nerve during Achilles calcaneal tendon repair. A systematic review of cadaveric studies with clinical implications.

Yammine K, Honeine M, El Alam A, **Assi Ch.**

Surgical and Radio Ana. 2022 May, 44(8), doi: 10.1007/s00276-022-02997-6

11. PRP versus Standard of Care for Venous leg Ulcers: A Systematic Review and Meta-Analysis of Prospective Comparative Studies.

Yammine K, Ghanimeh J, Agopian SJ, **Assi Ch,** Hayek F.

Int J Lower Ext Wounds. 2022 Apr, doi: 10.1177/15347346221094424

12. The gracilis and semitendinosus muscles: a morphometric study on 18 specimens with clinical implications.

Assi Ch, Bonnel F, Mansour J, Daher J, Gerges B, Khoury A, Yammine K.

Surg Radiol Anat. 2022 Mar, doi: 10.1007/s00276-022-02925-8. Online ahead of print.

13. Tarsal tunnel syndrome secondary to accessory or variant muscles: a clinical and anatomical systematic review.

Yammine K, Daher JC, Tannoury EH, **Assi Ch.**

Surg Radio Ana. 2022 Mar, 44(5), doi: 10.1007/s00276-022-02932-9

14. Distal tibiofibular syndesmosis: A meta-analysis of cadaveric studies.

Yammine K, Jalloul M, and **Assi Ch,**

Morphologie, <https://doi.org/10.1016/j.morpho.2021.10.004>

15. The internal pedal amputation as a salvage procedure in diabetic and ischemic foot infection. A meta-analysis.
Yamine K, El Alam A, Alqaysi B, **Assi Ch**.
Foot Ankle Surg. 2022 Feb, 28(2), doi: 10.1016/j.fas.2021.03.008.
16. Amputation as a First Treatment is Highly Associated with Late Presentation: An Underestimated Modifiable Major Risk Factor for Diabetic Foot Ulcer.
Yamine K, Akiki S, **Assi Ch**, Hayek Md F.
Foot Ankle Spec. 2021 Dec 30:19386400211067625. doi: 10.1177/19386400211067625
17. Value of pharmacy services upon admission to an orthopedic surgery unit.
Ouweini AE, Karaoui LR, Chamoun N, **Assi Ch**, Yamine K, Ramia E.
J Pharm Policy Pract. 2021 Dec 6;14(1):103. doi: 10.1186/s40545-021-00384-x.
18. Distal Chevron versus Scarf for hallux valgus. A comprehensive meta-analysis of comparative studies.
Yamine K, Boulos K, **Assi Ch**.
Acta orthopaedica belgica . 2021 Sept 86; S3:165-173.
19. A Systematic Review on the Outcomes of the Fillet Flap in Treating Diabetic and Ischemic Forefoot Ulcers.
Yamine K, **Assi Ch**.
Plast Surg (Oakv). 2021 Aug;29(3):178-183. doi: 10.1177/2292550320936684. Epub 2020 Jul 1.
20. Evidence-based conservative limb preserving surgery for the diabetic foot complications: A systematic review of systematic reviews.
Yamine K, Otayek J, **Assi Ch**.
J Foot Ankle Surg. 2021 Aug 27:S1268-7731(21)00177-6. doi: 10.1016/j.fas.2021.08.006.
21. Clinical outcomes of the use of 3D printing models in fracture management: a meta-analysis of randomized studies.
Yamine K, Karbala J, Maalouf A, Daher J, **Assi Ch**.
Eur J Trauma Emerg Surg. 2021 Aug 12. doi: 10.1007/s00068-021-01758-1.
22. Response to Comments on 'The internal pedal amputation as a salvage procedure in diabetic and ischemic foot infection. A meta-analysis'.
Yamine K, El Alam A, Alqaysi B, **Assi Ch**.
J Foot Ankle Surg. 2021 Aug;27(6):712-713. doi: 10.1016/j.fas.2021.07.004.
23. A Meta-Analysis of the Outcomes of Resection Arthroplasty for Resistant Hallucal Diabetic Ulcers.
Yamine K, **Assi Ch**.
J Foot Ankle Surg. 2021 Jul-Aug;60(4):795-801. doi: 10.1053/j.jfas.2020.04.025.
24. The level of evidence of the publications on conservative surgery for the treatment of diabetic forefoot ulcers: A scoping review.
Yamine K, **Assi Ch**.
Foot (Edinb). 2021 Jun;47:101784. doi: 10.1016/j.foot.2021.101784.
25. Effectiveness of the Reverse Sural Flap in Covering Diabetic Foot Ulcers: A Systematic Review and Meta-Analysis.
Yamine K, Mirela E, Nasser J, **Assi Ch**.

Plastic Surgery. 2021 May doi: 10.1177/22925503211019617

26. Is diabetic neuropathy associated with vitamin D status? A meta-analysis.
Yammine K, Abi Kharma J, Kaypekian T, **Assi Ch**, Zeeni N.
Br J Nutr. 2021 May 24;1-10. doi: 10.1017/S0007114521001707.
27. Is there an association between anemia and diabetic foot ulcers? A systematic review and meta-analysis.
Yammine K, Hayek F, **Assi Ch**.
Wound Repair Regen. 2021 May;29(3):432-442. doi: 10.1111/wrr.12902.
28. Surgical techniques for treating diabetic foot ulcers: an evidence synthesis.
Assi Ch, Yammine K.
Wounds Middle East 2020, Vol 7 Issue 1.
29. Current concepts in robotic total hip arthroplasty.
Kouyoumdjian P, Mansour J, **Assi Ch**, Caton J, Lustig S, Coulomb R
SICOT J. 2020; 6(45), doi: 10.1051/sicotj/2020041.
30. Bilateral subtrochanteric insufficiency fracture following mini-gastric bypass. A case report.
Mansour J, Yammine K, El Alam A, Al-Hajj G, **Assi Ch**.
SICOT-J 2020; 6:32. doi: 10.1051/sicotj/2020034
31. A Meta-analysis of the outcomes of metatarsal head resection for the treatment of neuropathic diabetic foot ulcers.
Yammine K, Kheir N, **Assi Ch**.
Adv. Wound Care (New Rochelle) 2020;10.1089/wound.2020.1261.
32. A systematic review on the efficacy of vitamin D supplementation on diabetic peripheral neuropathy.
Yammine K, Wehbe R, **Assi Ch**.
Clin Nutr. 2020;S0261-5614(20)30045-5. doi:10.1016/j.clnu.2020.01.022.
33. Angular limit for coronal joint deformity correction using intramedullary guidance in total knee arthroplasty. A pilot study.
Assi Ch, Mansour J, Samaha C, Kouyoumdjian P, Yammine K.
SICOT J. 2020;6:22. doi: 10.1051/sicotj/2020019. Epub 2020 Jun 24. PMID: 32579106
34. Prevalence, variants, and morphometrics of Palmaris Longus tendon: a magnetic resonance imaging study.
Kikano R, Charbel C, **Assi Ch**, Yammine K.
Surg Radiol Anat. 2020 Nov 2. doi: 10.1007/s00276-020-02608-2.
35. Dual-mobility cups could yield lesser infections than conventional cup: a meta-analysis of comparative studies.
Assi Ch, Mansour J, Prudhon JL, Caton J, Yammine K.
Int. Orthop. 2020 Sep 19. Doi: 10,1007/s00264-020-04791-8
36. A meta-analysis of mortality following minor amputation among patients with diabetes and/or peripheral vascular disease.
Yammine K, Hayek F, **Assi Ch**.

J Vasc Surg. 2020 Aug 21:S0741-5214(20)31876-0.

37. Outcomes of partial and total calcaneotomies for the treatment of diabetic heel ulcers complicated with osteomyelitis. A systematic review and meta-analysis.
Yamine K, El Alam A, **Assi Ch**.
Foot Ankle Surgery 2020 Aug 12:S1268-7731(20)30168-5.
38. Morphometric analysis of all 24 hip muscles: A cadaveric study of 18 hip specimens with proposal of a new classification of muscles.
Assi Ch, Bonnel F, Mansour J, Mares O, Yamine K.
Surg Radiol Anat. 2020 Jul 30. doi: 10.1007/s00276-020-02539-y. Online ahead of print. PMID: 32734344
39. Valgus slipped capital femoral epiphysis: a systematic review.
Assi Ch, Mansour J, Kouyoumdjian P, Yamine K.
J Pediatr Orthop B. 2020 Jun 15. doi: 10.1097/BPB.0000000000000758.
40. Surgery versus Nonsurgical Methods in Treating Neuropathic Plantar Forefoot Ulcers: A Meta-Analysis of Comparative Studies.
Yamine K, **Assi Ch**.
Int J Low Extrem Wounds. 2020 Jun 11:1534734620923425. doi: 10.1177/1534734620923425.
41. Conservative Surgical Options for the Treatment of Forefoot Diabetic Ulcers and Osteomyelitis: An Evidence-Based Review and a Decision-Making Tool.
Yamine K, **Assi Ch**.
JBJS Rev. 2020 Jun;8(6):e0162. doi:10.2106/JBJS.RVW.19.00162.
42. Educational assessment of the major lower limb amputations videos on YouTube.
Yamine K, **Assi Ch**.
Vascular. 2020 Apr 15:1708538120918423. doi: 10.1177/1708538120918423.
43. Primary total hip arthroplasty: midterm outcomes of dual mobility cups in patients at high risk of dislocation.
Assi Ch, Barakat H, Mansour J, Samaha C, Yamine K.
Hip Int. 2019;1120700019889031. doi:10.1177/1120700019889031.
44. Variations and morphometrics of palmaris longus in fetuses: a meta-analysis of cadaveric studies.
Yamine K, Erić M, **Assi Ch**.
Surg Radiol Anat. 2019;10.1007/s00276-019-02391-9. doi:10.1007/s00276-019-02391-9
45. Surgical Offloading Techniques Should be Used More Often and Earlier in Treating Forefoot Diabetic Ulcers: An Evidence-Based Review.
Yamine K, **Assi Ch**.
Int J Low Extrem Wounds. 2019;1534734619888361. doi:10.1177/1534734619888361
46. A Comparative Study of the Reverse Sural Fascio-Cutaneous Flap Outcomes in the Management of Foot and Ankle Soft Tissue Defects in Diabetic and Trauma Patients.
Assi Ch, Samaha C, Chamoun M, Hayek T, Yamine K.
Foot Ankle Spec. 2019;12(5):432–438. doi:10.1177/1938640018816378

47. A meta-analysis of comparative clinical studies of isolated osteotomy versus osteotomy with lateral soft tissue release in treating hallux valgus.
Yamine K, **Assi Ch**.
Foot Ankle Surg. 2019;25(5):684–690. doi:10.1016/j.fas.2018.08.009
48. Early results of total hip arthroplasty using dual mobility cup in patients with osteonecrosis of the femoral head.
Assi Ch, Kheir N, Samaha C, Kouyoumdjian P, Yamine K.
SICOT J. 2018;4;4. Doi: 10.1051/sicotj/2018001.
49. Metatarsal osteotomies for treating neuropathic diabetic foot ulcers. A meta-analysis.
Yamine K, Nahed M, **Assi Ch**.
Foot Ankle Spec. 2019 Dec;12(6):555-562. doi: 10.1177/1938640018819784. Epub 2018 Dec 19.
50. Is there an association between vitamin D and diabetic foot disease? A meta-analysis.
Yamine K, Hayek F, **Assi Ch**.
Wound Repair Regen. 2019 Oct 21. doi: 10.1111/wrr.12762.
51. Prospective Evaluation of Spino-Pelvic Parameters with Clinical Correlation in Patients Operated with an Anterior Lumbar Interbody Fusion.
Marouby S, Coulomb R, Maury E, **Assi Ch**, Mares O, Kouyoumdjian P.
Asian Spine J. 2019 Oct 15. doi: 10.31616/asj.2019.0041.
52. Internal fixation or primary arthrodesis for Lisfranc complex joint injuries? A meta-analysis of comparative studies.
Yamine K, Boulos K, **Assi Ch**.
Eur J Trauma Emerg Surg. 2019 Oct 12. doi: 10.1007/s00068-019-01236-9.
53. A Meta-analysis of the Types and Outcomes of Conservative Excisional Surgery for Recalcitrant or Infected Diabetic Toe Ulcers.
Yamine K, **Assi Ch**.
Foot Ankle Spec. 2019 Jun 19: 1938640019857795. Doi: 10.1177/1938640019857795
54. A Meta-Analysis of the Surgical Availability and Morphology of the Plantaris Tendon.
Yamine K, Saghieh S, **Assi Ch**.
J Hand Surg Asian Pac. Vol. 2019 Jun; 24(2): 208-218 doi: 10.1142/S2424835519500280
55. A familial case-series of valgus slipped capital femoral epiphysis.
Assi Ch, Mansour J, Samaha C, Yamine K.
Eur J Orthop Surg Traumatol. 2019 Jun 20. Doi: 10.1007/s00590-019-02472-w
56. Cortical versus cancellous screws in treating medial malleolar fractures. A systematic review of comparative clinical and biomechanical studies.
Yamine K, Karam K, **Assi Ch**.
Foot (Edinb). 2019 May 4;40:81-86. doi: 10.1016/j.foot.2019.05.002.
57. Intramedullary nail versus external fixator for ankle arthrodesis in Charcot neuroarthropathy: A meta-analysis of comparative studies.
Yamine K, **Assi Ch**.

- J Orthop Surg (Hong Kong). 2019 May-Aug;27(2):2309499019836012. doi: 10.1177/2309499019836012. PMID: 30894064
58. A meta-analysis of the outcomes of split-thickness skin graft on diabetic leg and foot ulcers.
Yamine K, **Assi Ch**.
Int J Low Extrem Wounds. 2019 Mar 7;1534734619832123. doi 10.1177/1534734619832123
59. A single antegrade intramedullary k-wire for the 5th metacarpal neck fractures.
Assi Ch, Mansour J, Samaha C, Ajjoub S, Yamine K.
Eur J Trauma Emerg Surg. 2019 Jan 7. doi.org/10.1007/s00068-018-01073-2
60. Mortality rate and mid-term outcomes of total hip arthroplasty using dual mobility cups for the treatment of femoral neck fractures in a Middle Eastern population.
Assi Ch, Barakat H, Caton J, Najjar E, Samaha C, Yamine K.
J Arthroplasty. 2019 Feb; 34(2): 333-337. doi: 10.1016/j.arth.2018.10.030.
61. Total hip arthroplasty: evolution of the use of dual mobility cups in Lebanon.
Assi Ch, Mansour J, Caton J, Samaha C, Yamine K.
J Med Liban. 2018, 66 (4): 232-237.
62. Résultats de cupules à double mobilité en relation avec le mode de vie.
Assi Ch, Yamine K. La double mobilité « en marche » dans les prothèses totales de hanche.
Cahiers d'Enseignement de la SO.F.C.O.T, ISBN : 978-2-294-76065-5, Elsevier Masson SAS, 2018, pp. 207-210.
63. The cross technique for the positioning of Kerboull plate in acetabular reconstruction surgery.
Assi Ch, Caton J, Aslanian Th, Samaha C, Yamine K.
SICOT J, 2018; 4:20. Doi: 10.1051/sicotj/2018012.
64. Revision total hip arthroplasty with Kerboull plate: Comparative outcomes using standard versus dual mobility cups.
Assi Ch, Caton J, Fawaz W, Samaha C, Yamine K.
Int Orthop. 2018 Oct 29. doi 10.1007/s00264-018-4209-z.
65. Pseudoaneurysm following Ankle Arthroscopy. A systematic Review.
Yamine K, Daher J, Kheir N, Naoum J, **Assi Ch**.
Eur J Orthop Surg Traumatol. 2018 Oct 25. doi: 10.1007/s00590-018-2324-6. [Epub ahead of print]
66. Neurovascular and tendon injuries due to ankle arthroscopy portals. A meta-analysis of interventional cadaveric studies.
Yamine K, **Assi Ch**.
Surg Radiol Anat. 2018 May;40(5):489-497. doi: 10.1007/s00276-018-2013-5.
67. Estimation of stature from sternal lengths. A correlation meta-analysis.
Yamine K, **Assi Ch**.
Arch Med Sadowej Kryminol. 2017;67(3):166-177. doi: 10.5114/amsik.2017.73191. PMID: 29460608
68. Optimizing Patellar Positioning during Total Knee Arthroplasty: An Anatomical and Clinical Study.
Assi Ch, Kheir N, Samaha C, Deeb M, Yamine K.
Int Orthop. 2017 Dec; 41(12): 2509-2515. doi: 10.1007/s00264-017-3557-4. Epub 2017 Jul15.

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69. Novel anatomical-based surgical technique for positioning of the patellar component in total knee arthroplasty.
Assi Ch, Kheir N, Samaha C, Chamoun M, Yammine K.
SICOT-J. 2017 Dec; 3(67): 2509-2515. doi: 10.1051/sicotj/2017053
 70. Efficacy of repair techniques of the Achilles tendon. A meta-analysis of human cadaveric biomechanical studies.
Yammine K, **Assi Ch**.
Foot (Edinb). 2017 Mar; 30:13-20. doi: 10.1016/j.foot.2016.09.006. Epub 2017 Jan 28.
 71. Outcomes of dual mobility cups in a young Middle Eastern population and its influence on life style.
Assi Ch, Najjar E, Samaha C, Yammine K.
Int Orthop. 2017 Mar;41(3):619-624. doi: 10.1007/s00264-016-3390-1. Epub 2017 Jan 10.
 72. Sural neuro-cutaneous flap in the management of foot and ankle soft tissue defects in a diabetic population.
Assi Ch, Fawaz W, Samaha C, Chamoun M, Yammine K.
J Med Liban. 2016 Jul-Sep; 64 (3): 164-7.
 73. The Coracoclavicular Joint. A Systematic Review and Meta-analysis.
Yammine K, **Assi Ch**.
Homo - Journal of Comparative Human Biology 2016 Apr; 67(2):150-62.

Abstracts

1. Dual mobility cups could yield lesser infections than conventional cups. A meta-analysis of comparative studies.
Assi Ch, Mansour J, Prudhon JL, Caton J, Yammine K. 95th SOFCOT conference. Paris - France, 2021
2. Revision total hip arthroplasty with a Kerboull plate: comparative outcomes using standard versus dual mobility cups.
Assi Ch, Mansour J, 95th SOFCOT conference. Paris- France, 2021
3. Primary THA: Can we improve the gold standard?
Assi Ch, Mansour J. 41th SICOT Orthopedic World Congress/ Budapest, 2021
4. A familial case series of valgus slipped capital femoral epiphysis.
Mansour J, **Assi Ch**, Samaha C, Yammine K. 96th SOFCOT conference. Paris, France (2022)
5. Primary total hip arthroplasty: mid-term outcomes of dual mobility cups in patients at high risk of dislocation.
Assi Ch, Mansour J, Samaha C, Yammine K. 95th SOFCOT conference. Paris, France (2021)
6. A single antegrade intramedullary k-wire for fifth metacarpal neck fractures.
Assi Ch, Mansour J, Samaha C, Ajjoub S, Yammine K. 95th SOFCOT conference. Paris, France (2021)
7. Evolution of the use of dual mobility cups in Lebanon.
Assi Ch, Mansour J. 40th SICOT Orthopedic World Congress/ Oman, 2019
8. Cemented cup in THA.
Assi Ch, Mansour J. 40th SICOT Orthopedic World Congress/ Oman, 2019

9. Total hip arthroplasty evolution of the use of dual mobility cups in Lebanon.
Assi Ch., Mansour, J., Caton, J., Samaha, C., Yamine, K., & Yamine, K. (2018). *Lebanese Medical Journal*, 66(4), 233.
10. Total hip arthroplasty using dual-mobility cup in patients with osteonecrosis of the femoral head.
Assi Ch, Kheir N, Samaha C, Kouyoumjian P, Yamine K.. *SICOT J*. 2018;4:4. doi: 10.1051/sicotj/2018001. Epub 2018 Feb 21. Erratum in: *SICOT J*. 2018;4:37. PMID: 29469804; PMCID: PMC5822877.
11. Cultural factors of unstable total hip arthroplasty.
Assi Ch, *SICOT-J*, 2017, Vol. 3, suppl. 1, Abs. 1A007, pp. 14
12. Optimisation de la position du bouton patellaire dans les PTG. Etude anatomique et clinique a propos de 129 cas.
Assi Ch, *Rev. Chir. Orthop*, 2017, vol. , suppl. , Abs.

Books and Book Chapters

1. Results of dual mobility cups in relation to lifestyle.
Assi Ch, Yamine K. Dual mobility “on the move” in total hip prostheses.
SO.F.C.O.T Teaching Notebooks, ISBN: 978-2-294-76065-5, Elsevier Masson SAS, 2018, pp. 207-210.

Submitted Manuscripts

1. Basic inflammatory markers for infection severity for surgically treated diabetic foot ulcers. Yamine K, Bou Orm G, Moawad J, **Assi Ch**. *Journal Surgical Research*.
2. Outcomes of total hip arthroplasty using dual mobility cups following failed internal fixation of proximal femoral fractures at a maximum follow-up of fifteen years. *Eur J Ortho Trauma Surg*.
3. Yamine K, El Alam A, Madi R, **Assi Ch**. Reverse scarf, distal or diaphyseal osteotomy for bunionette? A comparative meta-analysis of case-series.
Assi Ch, Otayek J, Ghanimeh J, Yamine K. *The Foot and Ankle Journal*
4. Beirut massive blast explosion: A unique injury pattern of the wounded population.
Yamine K, Daher J, Otayek J, Jardaly A, Mansour J, Boulos K, El Alam A, Ghanimeh J, Abou Orm G, Berberi M, Daccache E, Helou M, Estephan M, **Assi Ch**, Hayek H. *Injury Journal*.
5. Gentamicin-permeated cement for chronic calcaneal abscess used as a spacer and for mechanical support: a case report.
Yamine K, Alqaysi B, Mansour J, Khoury A, **Assi Ch**. *JBJS CC*.

Research Projects

1. The use of cement as a spacer or for mechanical support in diabetic foot osteomyelitis: a systematic review and meta-analysis. (Pre-submission phase)
Yamine K, Mansour J, Alqaysi B, Daher J, **Assi Ch**.
2. Arthrodesis versus resection arthroplasty for the management of the first metatarsophalangeal joint in reconstruction of the rheumatoid forefoot. A meta-analysis of comparative studies. (Final Stage)
Yamine K, Nahed M, **Assi Ch**.
3. Epidemiology, types and risk factors of patients who had amputation due to diabetic/vascular disease. (Data analysis phase).

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4. Outcomes of total hip arthroplasty using dual mobility cups for primary osteoarthritis. (Data extraction phase)
Assi Ch, Ghanimeh J, Berberi M, Yammine K.

Grants

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|---------------------------------|--|
| 2023 Beirut, Lebanon | The Procurement and Investment Readiness Fun (PIRF) Title: The effect of G-quadruplexes located in immune checkpoint genes on the immune response in cancer |
| 2022+ Beirut, Lebanon | Research joint collaboration between MD Anderson, LAU and AUB The topical agent will be granted to our institution free of charge. Title: Novel Non-antibiotic wound ointment for chronic wound therapy. to test a new ointment for the treatment of non-infected chronic wounds. The project will start this year. |

Poster Presentations

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1. A familial case series of valgus slipped capital femoral epiphysis.
Mansour J, **Assi Ch**, Samaha C, Yammine K. 96th SOFCOT conference. Paris, France (2022)
 2. Primary total hip arthroplasty: mid-term outcomes of dual mobility cups in patients at high risk of dislocation.
Assi Ch, Mansour J, Samaha C, Yammine K. 95th SOFCOT conference. Paris, France (2021)
 3. A single antegrade intramedullary k-wire for fifth metacarpal neck fractures.
Assi Ch, Mansour J, Samaha C, Ajjoub S, Yammine K. 95th SOFCOT conference. Paris, France (2021)

Presentations – International

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1. Primary THA: Can we improve the gold standard?
Assi Ch, Mansour J. 41th SICOT Orthopedic World Congress/ Budapest, 2021 (invited)
 2. Cemented femoral stems in THA.
Assi Ch, Mansour J. AO RECON, 2021
 3. Limb alignment and kinematics.
Assi Ch, Mansour J. AO RECON, 2021
 4. Dual mobility cups could yield lesser infections than conventional cups. A meta-analysis of comparative studies.
Assi Ch, Mansour J, Prudhon JL, Caton J, Yammine K. 95th SOFCOT conference. Paris - France, 2021
 5. Revision total hip arthroplasty with a Kerboul plate: comparative outcomes using standard versus dual mobility cups.
Assi Ch, Mansour J, 95th SOFCOT conference. Paris- France, 2021
 6. Hip Surgical Approaches.
Assi Ch, Mansour J, 37^{eme} cours International de Pathologie, Technique Chirurgicales et Technologie de Reeduction. Montpellier – France, 2019
 7. Les laxité chronique du genou.

Assi Ch, Mansour J, 37^{eme} cours International de Pathologie, Technique Chirurgicales et Technologie de Reeducation. Montpellier – France, 2019

8. Total hip arthroplasty using dual mobility cup in patients with osteonecrosis of the femoral head.
Assi Ch, Kheir N, Samaha C, Mansour J, Yammine K. 39th SICOT Orthopedic World Congress/ Montreal, Canada (2018)
9. Cultural factors of unstable total hip arthroplasty.
Assi Ch . Lyon Hip Arthroplasty, 13-14 April 2017, Lyon, France.
10. La prothèse double mobilite de la hanche.
Assi Ch. XXXV^o Cours International de Pathologie, de Techniques Chirurgicales et de Technologie de Rééducation, 08-10 Juin 2017, Montpellier, France.
11. Les ostéotomies autour du genou de l'adulte, soins de suite.
Assi Ch. XXXV^o Cours International de Pathologie, de Techniques Chirurgicales et de Technologie de Rééducation, 08-10 Juin 2017, Montpellier, France.
12. Le médaillon rotulien et prothèse.
Assi Ch. XXXV^o Cours International de Pathologie, de Techniques Chirurgicales et de Technologie de Rééducation, 08-10 Juin 2017, Montpellier, France.
13. Mon expérience chirurgicale dans le traitement des laxités chroniques du genou.
Assi Ch. XXXV^o Cours International de Pathologie, de Techniques Chirurgicales et de Technologie de Rééducation, 08-10 Juin 2017, Montpellier, France.
14. Optimisation de la position du bouton patellaire dans les PTG. Etude anatomique et clinique a propos de 129 cas.
Assi Ch, Samaha C, Chamoun M, Yammine K, SOFCOT 06/09 Novembre 2017 Paris

Presentations – Regional

1. Total hip arthroplasty: Evolution of the use of dual mobility cups in Lebanon.
Assi Ch, Mansour J, Caton J, Samaha C, Yammine K.
40th SICOT Orthopaedic World Congress/ Muscat, Oman, 2019
2. Evolution of the use of dual mobility cups in Lebanon.
Assi Ch, Mansour J.
40th SICOT Orthopedic World Congress/ Oman, 2019
3. Cemented cup in THA.
Assi Ch, Mansour J.
40th SICOT Orthopedic World Congress/ Oman, 2019

Presentations – National and Local

1. What are the challenges in surgical management of primary chondrosarcoma?
Assi Ch, Mansour J, Bone tumor and bone fragility conference. Bellevue Medical Center, Beirut - Lebanon, 2019
2. Acetabular revision surgery from a French perspective.
Assi Ch.

The 4th Winter Orthopedic Course. February 12-15, 2019, Beirut, Lebanon.

3. The cross technique for positioning of kerboul cross and DMC.

Assi Ch.

The 15th Annual Meeting of Lebanese Orthopedic Society. September 27-29, 2018, Beirut, Lebanon.

4. Hip replacement: To cement or not to cement.

Assi Ch.

The Middle East Regional Meeting on Fragility Fracture Care, 3-5 May, 2018, Beirut, Lebanon.

5. Osteotomy and Realignment.

Assi Ch.

The 3rd Winter Orthopedic Course. February 14-16, 2018, Beirut, Lebanon.

6. Outcomes of dual mobility cups in a young Middle Eastern population.

Assi Ch.

2nd Winter Orthopedic Course, 15-17 February 2017, Faraya, Lebanon.

7. Is there a place for double mobility in young patients.

Assi Ch.

BMC Hip and Knee Congress, 05-06 may 2017, Beirut, Lebanon.

8. Novel anatomical based method for positioning of the patellar component in TKA.

Assi Ch.

The 14th Annual Meeting of the Lebanese Orthopaedic Society, 28-30 september 2017, Beirut, Lebanon.

9. Revision hip arthroplasty using Kerboull cross and dual mobility cup.

Assi Ch.

The 14th Annual Meeting of the Lebanese Orthopaedic Society, 28-30 september 2017, Beirut, Lebanon.

10. Dual Mobility Concept in patients under 55 years old.

Assi Ch.

Winter Orthopedic Course, 10-12 February 2016, Faraya, Lebanon

11. Surgical management of Malignant Soft Tissue Tumour.

Assi Ch and Najjar E.

Primary Benign, Malignant Bone & soft Tissue Tumors v/s Metastatic Lesions, 22-23 april 2016, Beirut, Lebanon

12. Double mobility cup for all patients.

Assi Ch.

13th Annual Meeting of the Lebanese Orthopaedic Society, 22-24 september 2016, Beirut, Lebanon.

13. Spinal Osteotomies.

Assi Ch.

The 13th Annual Meeting of the Lebanese Orthopaedic Society, 22-24 september 2016, Beirut, Lebanon.

IV. SERVICES

Professional Societies Membership

1. Auditor of the French College of Orthopedic Surgeons: 1992 - 2002.
2. Member of :
 - European Hip Society (first member in Lebanon)
 - European Association of Clinical Anatomy (E.A.C.A): 1998
 - Scolioses Study Group (Groupe d'Etude sur la Scoliose G.E.S): 1999
 - Fellow of the French College of Orthopedic and Traumatology Surgeons: 2002.
 - AO Alumni Association, Lebanon
 - AO Spine Association
 - Orthopedic Lebanese Association
 - French Society of Foot Surgery
 - French Society of Orthopedics and Traumatology
 - French Society of Spine Surgery
 - French Society of Hip and Knee Surgery
 - S.I.C.O.T: Chair of Hip Committee
 - International Musculoskeletal Society (IMS) Career & Professional Development Leadership Committee

Reviewer/ Editor

- 1- Lebanese Medical Journal
- 2- Journal of Orthopedic and Traumatological Surgery
- 3- SICOT-J
- 4- OTSR : Orthopedic & Traumatology : Surgery & Research - Journal