

UNIVERSITY OF OKLAHOMA
COLLEGE OF MEDICINE

CURRICULUM VITAE

Amgad M Haleem A Amin, MD, PhD

**Associate Professor,
Chief, Foot and Ankle Surgery, Lower Limb Lengthening and Complex Reconstruction
Director of Research**

Department of Orthopedic Surgery and Rehabilitation
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Appointment Type: Consecutive
Pathway: Clinician Educator

Personal Data:

Date of Birth: 28/06/1976
Nationality: Egyptian – US Permanent Resident
Marital Status: Married – 4 Offspring
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Languages:

- English (Perfectly written/spoken):
 - 8 / 2007: iBT TOEFL (internet Based Test - Test Of English as a Foreign Language):
Total Score: 111/120 (= 640)
Listening 29/30 - Reading 29/30 - Writing 25/30 – Speaking 28/30
 - 10/2006: Academic IELTS (International English Language Testing
System) Total Band Score 8.0/9.0
Listening 8.0/9.0 - Reading 8.5/9.0 - Writing 8.0/9.0 - Speaking 8.0/9.0
- French (Good)
- Spanish (Fair)
- Arabic (native tongue)

EDUCATION AND TRAINING

Postgraduate Education and Training

- 08/2014 – 07/2015 **Clinical Fellow, Sports Medicine**, University of South Florida Morsani College of Medicine, Florida Orthopaedic Institute Combined Program, Tampa, FL
- 08/2013 – 07/2014 **Clinical Fellow, Lower Limb Lengthening and Complex Reconstructive Surgery**, Hospital for Special Surgery, Department of Orthopaedic Surgery, Weill Medical College Cornell University, New York, NY
- 08/2012 – 07/2013 **Clinical Fellow, Adult Reconstruction Surgery**, Department of Orthopaedic Surgery, Houston Methodist Hospital, Houston, TX
- 08/2011 – 07/2012 **Clinical Fellow, Foot and Ankle Surgery**, Department of Orthopaedic Surgery, Weill Medical College Cornell University, Hospital for Special Surgery, New York City, NY
- 04/2009 – 10/2010 **Post-Doctoral Research Fellow, Cartilage Restoration Centre**, Department of Orthopedics Surgery, University of Pittsburgh School of Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA
- 03/2008 – 03/2009 **Post-Doctoral Research Fellow, Orthopedics Tissue Engineering and Biomaterials Laboratory**, Department of Orthopedic Surgery, University of North Carolina at Charlotte, Carolina's Medical Center, Charlotte, NC
- 03/2002 – 02/2005 **Resident**, Orthopedic Surgery, Cairo University School of Medicine, Cairo, Egypt
- 03/2000 – 02/2001 **Intern Physician (House Officer)**, Department of Surgery, Cairo University School of Medicine, Cairo, Egypt

Education

- 07/2023 American Board of Orthopedic Surgery (ABOS)
Part 1: July 2022, Part 2: July 2023
- 10/2015 Medical Doctorate (Combined MD/PhD) in Orthopaedic Surgery (American Orthopedic Board Equivalent in the USA)
Cairo University School of Medicine, Egypt
Grade: Excellent with Honors, 1st on Class of Examinees, December 2015
"PhD Thesis: "The Clinical Use of Autologous Bone Marrow Mesenchymal Stem Cells in the Treatment of Articular Cartilage Defects""
- 10/2010 Educational Commission for Foreign Medical Graduates (ECFMG) Certificate - USMLE (United States Medical Licensing Examination) ECFMG number: 0-750-836-9 (Issue Date October 4, 2010)
- 11/2005 Master of Science (M.Sc) in Orthopaedic Surgery
Cairo University School of Medicine, Egypt
Grade: Excellent with Honors, 1st on Class of Examinees, November 2005
- 10/2000 Bachelor's Degree in Medicine & Surgery (M.B.B.Ch) – (MD Equivalent Ca in the USA) Cairo University School of Medicine, Egypt
Grade: Excellent with Honors, 11th on Class (850 students) (1st Quartile)

PROFESSIONAL EXPERIENCE

Academic

- 04/2024 – Present **Assistant Professor**, Department of Orthopedic Surgery, Mass General Hospital, Harvard University, Boston, MA
- 07/2021 – 03/2024 **Associate Professor**, Department of Orthopedic Surgery and Rehabilitation, University of Oklahoma College of Medicine, Oklahoma City, OK
- 09/2015 – 06/2021 Assistant Professor, Department of Orthopedic Surgery and Rehabilitation, University of Oklahoma College of Medicine, Oklahoma City, OK
- 03/2005 – 08/2017 Assistant Lecturer, Department of Orthopedic Surgery, Cairo University College of Medicine, Cairo Egypt
- 09/2017 – 03/2024 Lecture, Department of Orthopedic Surgery, Cairo University College of Medicine, Cairo Egypt

Administrative

- 04/2024 – Present **Director of the Limb Deformity and Lengthening Program**, Mass General Hospital, Harvard University, Boston, MA
- 04/2024 – Present **Orthopedic Director of the Interdisciplinary Care for Amputees Network (ICAN)**, Mass General Hospital, Harvard University, Boston, MA
- 07/2020 – 03/2024 **Director of Research**, College of Medicine, University of Oklahoma Health Sciences Center, Oklahoma City, OK
- 07/2018 – 03/2024 **Chief of Surgical Services**, Department of Orthopedic Surgery and Rehabilitation, College of Medicine, University of Oklahoma Health Sciences Center, Edmond, OK
- 07/2017 – 03/2024 **Medical Director of Orthopedic Surgery**, Department of Orthopedic Surgery and Rehabilitation, College of Medicine, OU Medical Center, Edmond, OK

HONORS AND AWARDS

American Orthopedic Foot and Ankle Society (AOFAS) Travelling Fellowship, AOFAS, July 9, 2017 - July 24, 2017

Oklahoma Medical Society Young Physician Leadership Program Class of 2016-2017, August 2016 - Present

International Scholarship (Stetson-Powell Award and Traveling Fellowship), American Academy of Orthopaedic Surgery (AAOS), February 2011

Award for Excellence in Medical Care during the Egyptian Revolution January 2011, Cairo University Hospitals, February 2011

Senior Resident Award: 1st Rank on Orthopedics Residents' Graduating Class of 2005, Cairo University School of Medicine - Egypt, May 2005

Egyptian National Community Service Award (for Best Buddies Egypt Directorship), awarded by Egypt's First Lady Susan Mubarak, December 1999

BOARD AND PRACTICE CERTIFICATION - LICENSURES

07/2023 – Present:	American Board of Orthopedic Surgery (ABOS)
09/2015 - Present	Oklahoma State Full Medical License, Active License #: 31172
10/2010 - Present	Educational Commission for Foreign Medical Graduates (ECFMG)
06/2014 – 06/2016	Florida State Medical Board Physician in Training Permit #: TRN20609 Date: 6/6/2014 – 6/5/2016 - Inactive
08/2012 – 07/2013	Texas Medical Board Physician In Training Permit #: BP10044077 - ID:566793 Date: 8/1/2012 – 7/31/2013, Inactive
02/2012 – 02/2013	New York State Limited Medical Permit #: P83003 Date: 2/25/2012 – 2/25/2013, Inactive
02/2002 - Present	Egyptian Full Medical License #: 145035 Status: Active / Valid

SCHOLARSHIP

Contracts, Grants, and Sponsored Research

* indicates mentee

Current

Grants

1. **Haleem, A. M.** (Co-Investigator), "Chondroinductive Peptide for Articular Cartilage Tissue Regeneration," Sponsored by NIHR21 Grant, PI Michael Detamore PhD, University of Oklahoma

Total Direct Costs: \$90,000.00
August 2022 – August 2023
2. **Haleem, A. M.** (Co-Investigator), "Reconstruction of Critical-Sized Long Bone Defects with a 3D-Printed Biodegradable Nanoscaffold in a Rabbit Model," Sponsored by OKENBRE, PI Morshed Khandaker PhD, University of Central Oklahoma

Total Direct Costs: \$50,000.00
August 2022 – August 2023

Completed

Grants

3. **Haleem, A. M. (Principal Investigator)**, 60% Effort, "**3D printed tissue engineered nanofiber scaffold with mesenchymal stem cells for the treatment of articular cartilage osteochondral defects,**"

Sponsored by Presbyterian Health Foundation (PHF)

Grant/Contract Number: ORA00021057 20201554, GRF00002134

Current Funding (Total Cost per Year): \$100,000.00

July 2020 - July 2021

4. **Haleem, A. M.** (Co-Investigator), "3D-Printing Applications on Orthopedic Surgery," Sponsored by OKINBRE, PI Morshed Khandaker PhD, University of Central Oklahoma
Total Direct Costs: \$50,000.00
August 2019 - April 2020
5. **Haleem, A. M.** (Co-Investigator), "Efficacy of nanofiber coating method for improving osseointegration of total knee replacement (TKR) surgeries," Sponsored by OKINBRE, PI Morshed Khandaker PhD, University of Central Oklahoma
Total Direct Costs: \$25,000.00
August 2019 - April 2020
6. **Haleem, A. M.** (Co-Investigator), "Investigating the Regeneration of Articular Cartilage in Rabbits with Chondroinductive Hyaluronic acid-based Hydrogels," Sponsored by OKINBRE, PI Michael Detamore PhD, University of Oklahoma
Total Direct Costs: \$50,000.00
August 2018 - April 2019
7. **Haleem, A. M.** (Co-Investigator) Sponsored by Cartilage Restoration Center – University of Pittsburgh Medical Center (UPMC)
Grant/Contract Number: 1-RC2AR058929
Total Direct Costs: \$500,000.00
September 2009 - August 2010
8. **Haleem, A. M. (Principal Investigator)**, "Egypt-USA Joint Channel Scientific System (JCSS) Grant for Excellence in Scientific and Academic Achievement –Egypt"
Total Costs pre 2 Years: \$75,000.00
February 2008 - March 2010

Publications - Peer-Reviewed/Refereed

* indicates Mentee

+ indicates Co-First Author

indicates Contributing Author/Corresponding Author

Scientific/Scholarly Journals

1. Maher MA, Khedr A, Kholeif AM, Radwan YA, Mansour AMR, **Haleem AM**, An Emphasis on the Role of Peroneus Brevis to Peroneus Longus Transfer in Progressive Collapsing Flatfoot Deformity, *Techs F&A Surgery*, Accepted, In Print
2. Wood K, Morrisett R, Reasnor T, **Haleem AM**, Reconstruction of Navicular Osteochondral Lesions: Two Case Reports With Short Term Follow Up. *Foot Ankle Orthopedics*, Accepted, In Print.
3. Veirs KP, Rippetoe J, Baldwin JD, Fagg A, **Haleem A**, Jeffries L, Randall K, Sisson S, Dionne CP. Effects of Dancer-Specific Biomechanics on Adolescent Ballet Dancers' Posture En Pointe and Factors Related to Pointe Readiness: A Cross-Sectional Study. *Medical Problems of Performing Artists*. 1 Sep 2023; 155-163; <https://doi.org/10.21091/mppa.2023.3019>.
4. Domingue G, Cox K, Fox JA, Atkins A, **Haleem AM**, Brewer J. Spontaneous Diffuse Pyoderma Gangrenosum after Polytrauma and Orthopedic Fixation: A Case Report with Brief Review of Literature. *J Orthop Case Rep*. 2023 May;13(5):72-75. doi: 10.13107/jocr.2023.v13.i05.3652. PMID: 3725565
5. Khandaker M, Lane R, Yeakley S, Alizereej H, Nikfarjam S, Ait Moussa A, Vaughan MB, **Haleem AM**. Evaluation of a Bioabsorbable Scaffold and Interlocked Nail System for Segmental Bone Defect. *J Funct Biomater*. 2023 Mar 27;14(4):183. doi: 10.3390/jfb14040183. PMID: 37103273
6. Cala MA, **Haleem A**, Loveland JD. What's New in the Management of Charcot Arthropathy. *Foot Ankle Spec*. 2023 Feb;16(1):81-83. doi: 10.1177/19386400221150671. PMID: 36814239
7. Veirs KP, Fagg AH, **Haleem AM**, Jeffries LM, Randall K, Sisson SB, Dionne CP. Applications of Biomechanical Foot Models to Evaluate Dance Movements Using Three-Dimensional Motion Capture: A Review of the Literature. *Journal of Dance Medicine & Science*. 2022;26(2):69-86. doi:10.12678/1089-313x.061522a.
8. **Haleem, A. M.**, Moritz, B.W.#, Hindawi, S.A.#, El-Deeb, H.A.#, El-Sherif, A.#, Alberawi, M.#, Haleem, A. M.# (2022). "Haleem's Hen"; A mnemonic for the anatomy of hindfoot structures at the level of sustentaculum tali on coronal T1-weighted magnetic resonance images. *European Journal of Radiology Open*, 9(100398). DOI: <https://doi.org/10.1016/j.ejro.2022.100398>
9. Chan JJ, Chen KK, Choi P, Rojas EO, Schipper ON, Aiyer A, de Cesar Netto C, **Haleem AM**, Kadakia AR, Vulcano E. Impact of COVID-19 Pandemic on Patients' Perceptions of Safety and Need for Elective Foot and Ankle Surgery in the United States. *Foot Ankle Orthop*. 2021 Jun 4;6(2):24730114211013788. doi: 10.1177/24730114211013788. eCollection 2021 Apr. PMID: 3509745
10. Veirs KP, Baldwin JD, Rippetoe J, Fagg A, Haleem AM, Jeffries L, Randall K, Sisson S, Dionne CP. Multi-Segment Assessment of Ankle and Foot Kinematics during Relevé Barefoot and En Pointe. *Orthopaedic Physical Therapy Practice*. 2020;32(3):167-175.
11. Crawford, A. W., **Haleem, A. M.** (2021). I am Afraid of Lateral Column Lengthening. Should I Be? *Foot and ankle clinics*, 26(3), 523-538. PMID: 34332733. DOI: 10.1016/j.fcl.2021.06.003

12. **Haleem, A. M.**[#], V. K.[#], Baldwin, J.[#], Rippetoe, J.[#], Fagg, A.[#], Jeffries, L.[#], Randall, K.[#], Sisson, S.[#], Dionne, C.[#] (2020). Multi-Segment Assessment of Ankle and Foot Kinematics during Relevé Barefoot and En Pointe. *Orthopaedic Physical Therapy Practice*, 32(3), 167-175.
13. Martin, K. D.[#], McBride, T. J.[#], Horan, D. P.[#], **Haleem, A. M.**[#], Huh, J.[#], Groth, A.[#], Dawson, L. K.[#] (2020). Validation of 9-Grid Scheme for Localizing Osteochondral Lesions of the Talus Foot & Ankle Orthopaedics. 5(3).
14. Steinmetz, R. G., Luick, L., Tkach, S., Falcon, S., Stoner, J., Hollabaugh, K., Ringus, V., **Haleem, A. M.** (2020). Effect of Tranexamic Acid on Wound Complications and Blood Loss in Total Ankle Arthroplasty. *Foot and Ankle International*, 41(9), 1117-1121. DOI: 10.1177/10771071209700034888
15. **Haleem, A. M.**, Galal, S., Nwawka, O. K., Balagadde, A., Borst, E. W., Do, H. T., Mintz, D. N., Fragomen, A. T., Rozbruch, S. R. (2020). Short-term Results of Magnetic Resonance Imaging after Ankle Distraction Arthroplasty. *Strategies in trauma and limb reconstruction*, 15(3), 157-162. PMID: 34025796. DOI: 10.5005/jp-journals-10080-1512
16. Khandaker, M., Ait Moussa, A., Sama, D. N., Safavinia, F., Hazra, S., Kalay, O. C., Karpat, F., Clary, E., **Haleem, A. M.** (2020). Laser-Induced Microgrooves Improve the Mechanical Responses of Cemented Implant Systems. *Micromachines*, 11(5). PMID: 32365464. DOI: 10.3390/mi11050466
17. Luick, L., Steinmetz, G., **Haleem, A. M.** (2020). All-Arthroscopic Osteochondral Autograft Transfer Technique for Osteochondritis Dissecans of the Talus. *Arthroscopy Techniques*, 9(4), e499-e503. DOI: 10.1016/j.eats.2019.12.002
18. Gerzina, C., Potter, E., **Haleem, A. M.**, Dabash, S. (2020). The future of the amputees with osseointegration: A systematic review of literature. *Journal of Clinical Orthopaedics and Trauma*, 11, S142-S148. DOI: 10.1016/j.jcot.2019.05.025
19. Veirs_KP, Rippetoe J, Baldwin JD, Fagg A, Haleem AM, Jeffries L, Randall K, Sisson S, Dionne CP. Evaluation of the Effects of First Metatarsophalangeal Joint Mobility on the Young Ballet Dancer's Ability to Assume the *En Pointe* Using A Multi-Segment Foot Model [dissertation]. Oklahoma City: University of Oklahoma, Health Sciences Center; 2019.
20. Maupin, J., Cantrell, A., Kupiec, K., Melendez, D. P., **Haleem, A. M.** (2019). *Mycobacterium senegalense* Osteomyelitis of the Distal Tibia: A Case Report. *Journal of Bone and Joint Infection*, 4(3), 140-145. PMID: 31192114. DOI: 10.7150/jbji.33321
21. Kunas, G. C., Probasco, W., **Haleem, A. M.**, Burket, J. C., Williamson ERC, Ellis, S. J. (2018). Evaluation of peritalar subluxation in adult acquired flatfoot deformity using computed tomography and weightbearing multiplanar imaging. *Foot and ankle surgery : official journal of the European Society of Foot and Ankle Surgeons*, 24(6), 495-500. PMID: 29409191. DOI: 10.1016/j.fas.2017.05.010
22. Dombrowski, M. E., Yasui, Y., Murawski, C. D., Fortier, L. A., Giza, E., **Haleem, A. M.**, Hamid, K., Tuan, R., Zhang, Z., Schon, L. C., Hogan, M. V. (2018). Conservative Management and Biological Treatment Strategies: Proceedings of the International Consensus Meeting on Cartilage Repair of the Ankle. *Foot & ankle international*, 39(1_suppl), 9S-15S. PMID: 30215314. DOI: 10.1177/1071100718779390
23. van Bergen CJA, Baur, O. L., Murawski, C. D., Spennacchio, P., Carreira, D. S., Kearns, S. R., Mitchell, A. W., Pereira, H., Pearce, C. J., Calder JDF (2018). Diagnosis: History, Physical Examination, Imaging, and Arthroscopy: **Proceedings of the International Consensus Meeting on Cartilage Repair of the Ankle**. *Foot & ankle international*, 39(1_suppl), 3S-8S. PMID: 30215306. DOI: 10.1177/1071100718779393

24. Reilingh, M. L., Murawski, C. D., DiGiovanni, C. W., Dahmen, J., Ferrao PNF, Lambers KTA, Ling, J. S., Tanaka, Y., Kerkhoffs GMMJ (2018). Fixation Techniques: **Proceedings of the International Consensus Meeting on Cartilage Repair of the Ankle**. *Foot & ankle international*, 39(1_suppl), 23S-27S. PMID: 30215310. DOI: 10.1177/1071100718781096
25. Smyth, N. A., Murawski, C. D., Adams, Jr, S. B., Berlet, G. C., Buda, R., Labib, S. A., Nunley, 2nd, J. A., Raikin, S. M. (2018). Osteochondral Allograft: **Proceedings of the International Consensus Meeting on Cartilage Repair of the Ankle**. *Foot & ankle international*, 39(1_suppl), 35S-40S. PMID: 30215308. DOI: 10.1177/1071100718781097
26. Hurley, E. T., Murawski, C. D., Paul, J., Marangon, A., Prado, M. P., Xu, X., Hangody, L., Kennedy, J. G. (2018). Osteochondral Autograft: **Proceedings of the International Consensus Meeting on Cartilage Repair of the Ankle**. *Foot & ankle international*, 39(1_suppl), 28S-34S. PMID: 30215309. DOI: 10.1177/1071100718781098
27. Smyth, N. A., Ross, K. A., **Haleem, A. M.**, Hannon, C. P., Murawski, C. D., Do, H. T., Kennedy, J. G. (2018). Platelet-Rich Plasma and Hyaluronic Acid Are Not Synergistic When Used as Biological Adjuncts with Autologous Osteochondral Transplantation. *Cartilage*, 9(3), 321-328. PMID: 29156980. DOI: 10.1177/1947603517690022
28. van Dijk PAD, Murawski, C. D., **Haleem, A. M.**, Hunt, K. J., Andrews, C. L., Longo, U. G., McCollum, G., Simpson, H., Sofka, C. M., Yoshimura, I., Karlsson, J. (2018). Post-treatment Follow-up, Imaging, and Outcome Scores: Proceedings of the International Consensus Meeting on Cartilage Repair of the Ankle. *Foot & Ankle International*, 39(1_suppl), 68S-73S. PMID: 30215316. DOI: 10.1177/1071100718781861
29. D'Hooghe, P., Murawski, C. D., Boakye LAT, Osei-Hwedieh, D. O., Drakos, M. C., Hertel, J., Lee, K. B., Popchak, A., Wiewiorski, M., van Dijk, C. N. (2018). Rehabilitation and Return to Sports: **Proceedings of the International Consensus Meeting on Cartilage Repair of the Ankle**. *Foot & ankle international*, 39(1_suppl), 61S-67S. PMID: 30215313. DOI: 10.1177/1071100718781862
30. Mittwede, P. N., Murawski, C. D., Ackermann, J., Görtz, S., Hintermann, B., Kim, H., Thordarson, D. B., Vannini, F., Younger ASE (2018). Revision and Salvage Management: **Proceedings of the International Consensus Meeting on Cartilage Repair of the Ankle**. *Foot & ankle international*, 39(1_suppl), 54S-60S. PMID: 30215315. DOI: 10.1177/1071100718781863
31. Rothrauff, B. B., Murawski, C. D., Anghthong, C., Becher, C., Nehrer, S., Niemeyer, P., Sullivan, M., Valderrabano, V., Walther, M., Ferkel, R. D. (2018). Scaffold-Based Therapies: **Proceedings of the International Consensus Meeting on Cartilage Repair of the Ankle**. *Foot & ankle international*, 39(1_suppl), 41S-47S. PMID: 30215312. DOI: 10.1177/1071100718781864
32. Shimozone, Y., Brown, A. J., Batista, J. P., Murawski, C. D., Gomaa, M., Kong, S. W., Vaseenon, T., Takao, M., Glazebrook, M. (2018). Subchondral Pathology: **Proceedings of the International Consensus Meeting on Cartilage Repair of the Ankle**. *Foot & ankle international*, 39(1_suppl), 48S-53S. PMID: 30215311. DOI: 10.1177/1071100718781866
33. Karnovsky, S. C., DeSandis, B., **Haleem, A. M.**, Sofka, C. M., O'Malley, M., Drakos, M. C. (2018). Comparison of Juvenile Allogeneous Articular Cartilage and Bone Marrow Aspirate Concentrate Versus Microfracture With and Without Bone Marrow Aspirate Concentrate in Arthroscopic Treatment of Talar Osteochondral Lesions. *Foot & ankle international*, 39(4), 393-405. PMID: 29323942. DOI: 10.1177/1071100717746627
34. DeSandis, B. A., **Haleem, A. M.**, Sofka, C. M., O'Malley, M. J., Drakos, M. C. (2018). Arthroscopic Treatment of Osteochondral Lesions of the Talus Using Juvenile Articular Cartilage Allograft and Autologous Bone Marrow Aspirate Concentration. *The Journal of foot and ankle surgery : official publication of the American College of Foot and Ankle Surgeons*, 57(2), 273-280. PMID: 29305041. DOI: 10.1053/j.jfas.2017.09.009

35. Ellis, S., Smith, A., **Haleem, A. M.**, Fragomen, A. (2017). Correction of tibial malunion in a patient with ipsilateral total knee and ankle prostheses using external ring fixation and the ilizarov method. *Journal of Limb Lengthening & Reconstruction*, 3(1), 65. DOI: 10.4103/2455-3719.202210
36. **Haleem, A. M.**, Wiley, K. F., Kuchinad, R., Rozbruch, S. R. (2017). Total Hip Arthroplasty in Patients With Multifactorial Perceived Limb Length Discrepancy. *The Journal of arthroplasty*, 32(10), 3044-3051. PMID: 28578843. DOI: 10.1016/j.arth.2017.04.036
37. Johnson, N. R., Skinner, S., **Haleem, A. M.** (2017). All-Arthroscopic Treatment of Dependent Osteochondral Lesions of the Ankle: Surgical Technique. *The Journal of foot and ankle surgery : official publication of the American College of Foot and Ankle Surgeons*, 56(3), 613-617. PMID: 28476395. DOI: 10.1053/j.jfas.2017.01.047
38. **Haleem, A. M.**, Gobba, M., Meftah, M., Ismaily, S. K., Mitchell, R. J., Noble, P. C., Incavo, S. J. (2016). Range of Motion after Dual Mobility Total Hip Arthroplasty : Does Femoral Head Size or Surgical Approach Matter ? *Texas Orthopaedic Journal*, 2(1). DOI: 10.18600/toj.020102
39. Gittens, J., **Haleem, A. M.**, Grenier, S., Smyth, N. A., Hannon, C. P., Ross, K. A., Torzilli, P. A., Kennedy, J. G. (2016). Use of Novel Chitosan Hydrogels for Chemical Tissue Bonding of Autologous Chondral Transplants. *Journal of Orthopaedic Research: Official Publication of the Orthopaedic Research Society*, 34(7), 1139-46. PMID: 26698186. DOI: 10.1002/jor.23142
40. **Haleem, A. M.**, AbouSayed, M. M., Gomaa, M. (2016). Recent Advances in Egypt for Treatment of Talar Osteochondral Lesions. *Foot and Ankle Clinics*, 21(2), 405-20. PMID: 27261813. DOI: 10.1016/j.fcl.2016.01.010
41. Smyth, N. A., **Haleem, A. M.**, Ross, K. A., Hannon, C. P., Murawski, C. D., Do, H. T., Kennedy, J. G. (2016). Platelet-Rich Plasma May Improve Osteochondral Donor Site Healing in a Rabbit Model. *Cartilage*, 7(1), 104-11. PMID: 26958322. DOI: 10.1177/1947603515599190
42. Rozbruch, S., **Haleem, A. M.**, Balagadde, A., Borst, E., Do, H., Fragomen, A. (2015). Distraction osteogenesis for brachymetatarsia: Clinical results and implications on the metatarsophalangeal joint. *Journal of Limb Lengthening & Reconstruction*, 1(1), 29. DOI: 10.4103/2455-3719.168746
43. Boakye, L. A., Ross, K. A., Pinski, J. M., Smyth, N. A., **Haleem, A. M.**, Hannon, C. P., Fortier, L. A., Kennedy, J. G. (2015). Platelet-rich plasma increases transforming growth factor-beta1 expression at graft-host interface following autologous osteochondral transplantation in a rabbit model. *World journal of orthopedics*, 6(11), 961-9. PMID: 26716092. DOI: 10.5312/wjo.v6.i11.961-9
44. Rabinovich, R. V., **Haleem, A. M.**, Rozbruch, S. R. (2015). Complex ankle arthrodesis: Review of the literature. *World journal of orthopedics*, 6(8), 602-13. PMID: 26396936. DOI: 10.5312/wjo.v6.i8.602
45. Probasco, W., **Haleem, A. M.**, Yu, J., Sangeorzan, B. J., Deland, J. T., Ellis, S. J. (2015). Assessment of coronal plane subtalar joint alignment in peritalar subluxation via weight-bearing multiplanar imaging. *Foot & ankle international*, 36(3), 302-9. PMID: 25380775. DOI: 10.1177/1071100714557861
46. **Haleem, A. M.**, Ellis, S. J., Fragomen, A. T. (2014). Distraction Osteogenesis for Brachymetatarsia. *Techniques in Foot & Ankle Surgery*, 13(4), 184-190. DOI: 10.1097/btf.0000000000000053
47. **Haleem, A. M.**, Mintz, D. N., Rozbruch, S. R. (2014). Metatarsophalangeal arthritis following fourth metatarsal Lengthening Treated with Distraction Arthroplasty: Case Report. *Foot & Ankle International*, 35(10), 1075-81. PMID: 25037710. DOI: 10.1177/1071100714543648
48. Khamaisy, S., **Haleem, A. M.**, Williams, R. J., Rozbruch, S. R. (2014). Neglected Rotatory Knee Dislocation: A Case Report. *The Knee*, 21(5), 975-8. PMID: 25103910. DOI: 10.1016/j.knee.2014.04.006

49. **Haleem, A. M.**, Ross, K. A., Smyth, N. A., Duke, G. L., Deyer, T. W., Do, H. T., Kennedy, J. G. (2014). Double-Plug Autologous Osteochondral Transplantation Shows Equal Functional Outcomes Compared With Single-Plug Procedures in Lesions of the Talar Dome: A Minimum 5-Year Clinical Follow-up. *The American journal of sports medicine*, 42(8), 1888-95. PMID: 24948585. DOI: 10.1177/0363546514535068
50. **Haleem, A. M.**, Pavlov, H., Bogner, E., Sofka, C., Deland, J. T., Ellis, S. J. (2014). Comparison of Deformity with Respect to the Talus in Patients with Posterior Tibial Tendon Dysfunction and Controls Using Multiplanar Weight-Bearing Imaging or Conventional Radiography. *The Journal of Bone and Joint Surgery. American volume*, 96(8), e63. PMID: 24740671. DOI: 10.2106/JBJS.L.01205
51. Meftah, M., **Haleem, A. M.**, Burn, M. B., Smith, K. M., Incavo, S. J. (2014). Early Corrosion-Related Failure of the Rejuvenate Modular Total Hip Replacement. *The Journal of Bone and Joint Surgery. American volume*, 96(6), 481-7. PMID: 24647504. DOI: 10.2106/JBJS.M.00979
52. Smyth, N. A., **Haleem, A. M.**, Murawski, C. D., Do, H. T., Deland, J. T., Kennedy, J. G. (2013). The Effect of Platelet-Rich Plasma on Autologous Osteochondral Transplantation: an In Vivo Rabbit Model. *The Journal of bone and joint surgery. American volume*, 95(24), 2185-93. PMID: 24352772. DOI: 10.2106/JBJS.L.01497
53. Drakos, M. C., Taylor, S. A., Fabricant, P. D., **Haleem, A. M.** (2013). Synthetic Playing Surfaces and Athlete Health. *The Journal of the American Academy of Orthopaedic Surgeons*, 21(5), 293-302. PMID: 23637148. DOI: 10.5435/JAAOS-21-05-293
54. Taylor, S. A., Fabricant, P. D., Khair, M. M., **Haleem, A. M.**, Drakos, M. C. (2012). A Review of Synthetic Playing Surfaces, the Shoe-Surface Interface, and Lower Extremity Injuries in Athletes. *The Physician and Sports Medicine*, 40(4), 66-72. PMID: 23306416. DOI: 10.3810/psm.2012.11.1989
55. Coyle, C. H., Henry, S. E., **Haleem, A. M.**, O'Malley, M. J., Chu, C. R. (2012). Serum CTXii Correlates With Articular Cartilage Degeneration After Anterior Cruciate Ligament Transection or Arthrotomy Followed by Standardized Exercise. *Sports Health*, 4(6), 510-7. PMID: 24179591. DOI: 10.1177/1941738112451425
56. Smyth, N. A., Murawski, C. D., **Haleem, A. M.**, Hannon, C. P., Savage-Elliott, I., Kennedy, J. G. (2012). Establishing proof of concept: Platelet-rich plasma and bone marrow aspirate concentrate may improve cartilage repair following surgical treatment for osteochondral lesions of the talus. *World journal of orthopedics*, 3(7), 101-8. PMID: 22816065. DOI: 10.5312/wjo.v3.i7.101
57. Lee, H. H., **Haleem, A. M.**, Yao, V., Li, J., Xiao, X., Chu, C. R. (2011). Release of Bioactive Adeno-Associated Virus from Fibrin Scaffolds: Effects of Fibrin Glue Concentrations. *Tissue Engineering. Part A*, 17(15-16), 1969-78. PMID: 21449684. DOI: 10.1089/ten.TEA.2010.0586
58. **Haleem, A. M.**, Lee, H. H., Haleem, A. M., Martins, C., Yuan, Z., Qiao, C., Xiao, X., Chu, C. R. (2011). Single intra-articular injection of adeno-associated virus results in stable and controllable in vivo transgene expression in normal rat knees. *Osteoarthritis and cartilage*, 19(8), 1058-65. PMID: 21571082. DOI: 10.1016/j.joca.2011.04.009
59. **Haleem, A. M.**, Singergy, A. A., Sabry, D., Atta, H. M., Rashed, L. A., Chu, C. R., El Shewy, M. T., Azzam, A., Abdel Aziz, M. T. (2010). The Clinical Use of Human Culture-Expanded Autologous Bone Marrow Mesenchymal Stem Cells Transplanted on Platelet-Rich Fibrin Glue in the Treatment of Articular Cartilage Defects: A Pilot Study and Preliminary Results. *Cartilage*, 1(4), 253-261. PMID: 21170288. DOI: 10.1177/1947603510366027
60. **Haleem, A. M.**, Chu, C. R. (2010). Advances in Tissue Engineering Techniques for Articular Cartilage Repair. *Operative Techniques in Orthopaedics*, 20(2), 76-89. DOI: 10.1053/j.oto.2009.10.004

Book Chapters

1. **Haleem, A. M.#** (2020). An International Perspective on the Foot and Ankle in Sports: EGYPT. *Baxter's The Foot and Ankle in Sport* (Third ed.).
2. **Haleem, A. M.**, Rozbruch, S. R. (2015). Case 40: Neglected Rotatory Knee Dislocation Treated with the Taylor Spatial Frame. *Limb Lengthening and Reconstruction Surgery Case Atlas* (pp. 265-269). Springer International Publishing. DOI: 10.1007/978-3-319-18020-5_277
3. **Haleem, A. M.**, Rozbruch, S. R. (2015). Case 49: Knee Fusion with Gradual Shortening and Staged Insertion of Antibiotic Coated Intramedullary Nail for Failed Infected Total Knee Arthroplasty. *Limb Lengthening and Reconstruction Surgery Case Atlas* (pp. 325-329). Springer International Publishing. DOI: 10.1007/978-3-319-18020-5_229
4. **Haleem, A. M.**, Rozbruch, S. R. (2015). Case 68: CMT Foot Deformity Treated with TSF Butt Frame. *Limb Lengthening and Reconstruction Surgery Case Atlas* (pp. 485-490). Springer International Publishing. DOI: 10.1007/978-3-319-18026-7_135
5. **Haleem, A. M.**, Rozbruch, S. R. (2014). Advanced Hip Arthrosis, Massive Perceived LLD, and Pelvic Obliquity due to Adduction Contracture Treated with THR. *Limb Lengthening and Reconstruction Surgery Case Atlas* (pp. 1-10). Springer International Publishing. DOI: 10.1007/978-3-319-02767-8_226-1
6. **Haleem, A. M.**, Rozbruch, S. R. (2014). Equinovarus Contracture of Ankle Treated with Soft Tissue Release and Gradual Correction with Taylor Spatial Frame. *Limb Lengthening and Reconstruction Surgery Case Atlas* (pp. 1-7). Springer International Publishing. DOI: 10.1007/978-3-319-02767-8_136-1
7. **Haleem, A. M.** (2013). *Update On Cartilage Regeneration And Clinical Applications Of Tissue Engineering In The Management Of Cartilage Defects* (7th ed., vol. 11). Orthopaedic Knowledge Online Journal.

Published Abstracts

1. Khandaker, M., Kalay, O. C., Karpat, F., **Haleem, A. M.**, Williams, W. R., Boyce, K. E., Clary, E., Agrawal, K. (2020). The effect of micro grooving on goat total knee replacement: A finite element study. *ASME International Mechanical Engineering Congress and Exposition, Proceedings (IMECE)* (vol. 5). DOI: 10.1115/IMECE2020-24136

Non-Authored Publications

1. Thomspon S, Burrow Z, Fox J, Haleem AM. Opioid Consumption in Foot and Ankle Surgery. Pending Submission
2. Veitenheimer T, Ullah R, Haleem AM. Complex Ankle and Hindfoot Fusions with Ilizarov Ring External Fixation. Pending Submission
3. Fernandes C, McDonald M, Haleem AM. Subtalar Arthrodesis Screw Configuration Effect on Union Rates. Pending Submission

SELECTED PRESENTATIONS

Abstracts

* indicates mentee

National/International

1. **Haleem AM**, "How Do I Work This Up. I Left the Medicine in Med School" Instructional Course Talk, American Orthopedic Foot and Ankle Society Advanced Virtual Course. May 2023

2. DeMaio C, Nayfa R, Reasner T, Thomspn S, Burrow Z, Fox J, **Haleem A.M.** "Opioid Consumption Following Foot and Ankle Surgery: A Systematic Review" Annual Summer Meeting, American Orthopaedic Foot and Ankle Society (AOFAS), Louisville, KY, Accepted, Electronic Presentation. September 2023

3. Thomspn S, Burrow Z, Fox J, **Haleem A.M.** "Opioid Consumption in Foot and Ankle Surgery." Annual Summer Meeting, American Orthopaedic Foot and Ankle Society (AOFAS), Chicago, IL, Accepted, Podium Presentation. September 2019.

4. Desandis, B., **Haleem, A. M.**, Hogan, M., O'Malley, M., Drakos, M., "Juvenile Allogeneous Articular Cartilage and Autologous Bone Marrow Aspirate Concentrate in the Arthroscopic Treatment of Critical Sized Talar Osteochondral Lesions", Orthopaedic Foot and Ankle Society (AOFAS) Annual Summer Meeting, American Orthopaedic Foot and Ankle Society (AOFAS), Long Beach, CA, Accepted, Podium Presentation. July 2015.

5. **Haleem, A. M.**, Belagadi, A., Borst, E., Fragomen, A., Rozbruch, S., "Distraction Osteogenesis for Brachymetatarsia; Clinical Results and Implications on the Metatarsophalangeal Joint", American Academy of Orthopaedic Surgery (AAOS), Las Vegas, NV, Accepted. March 2015.

6. **Haleem, A. M.**, Belagadi, A., Borst, E., Fragomen, A., Rozbruch, S., "Distraction Osteogenesis for Brachymetatarsia; Clinical Results and Implications on the Metatarsophalangeal Joint", Limb Lengthening and Reconstruction Society (LLRS) Annual Meeting, Montreal, Canada,, Accepted, Podium Presentation. July 2014.

7. **Haleem, A. M.**, Nwawka, O., Belagadi, A., Borst, E., Mintz, D., Fragomen, A., Rozbruch, S., "Short Term Results of Magnetic Resonance Imaging after Ankle Distraction Arthroplasty", Limb Lengthening and Reconstruction Society (LLRS) Annual Meeting, Montreal, Canada, Accepted, Podium Presentation. July 2014.

8. **Haleem, A. M.**, Ismaily, S., Meftah, M., Noble, P., Incavo, S., "Range of Motion after Dual Mobility Total Hip Arthroplasty: Femoral Head Size and Surgical Approach - Does it Matter?", Mid-America Orthopaedic Association (MAOA), San Antonio, TX, Accepted, Podium Presentation. April 2014.

9. Meftah, M., **Haleem, A. M.**, Incavo, S., "Unexpected Rates of Corrosion Related Revisions in Modular Neck Rejuvenate Stem", Mid-America Orthopaedic Association (MAOA), San Antonio, TX, Accepted, Podium Presentation. April 2014.

10. **Haleem, A. M.**, Ismaily, S., Meftah, M., Noble, P., Incavo, S., "Range of Motion after Dual Mobility Total Hip Arthroplasty: Effect of Femoral Head Size and Surgical Approach", American Academy of Orthopaedic Surgeons (AAOS) Annual Conference, New Orleans, Louisiana, Accepted, Poster. March 2014.

11. **Haleem, A. M.**, Meftah, M., Dominguez, M., Incavo, S., "Modified Anterolateral Approach with Femoral Anterior Cortical Window for Revision Total Hip Arthroplasty", American Academy of Orthopaedic Surgeons (AAOS) Annual Conference, New Orleans, Louisiana, Accepted, Video Theater Presentation. March 2014.

12. Smyth, N., **Haleem, A. M.**, Murawski, C., Do, H., Deland, J., Kennedy, J., "The Effect of Platelet-Rich Plasma on Autologous Osteochondral Transplants in a Rabbit Model", Eastern Orthopaedic Association (EOA), International Society of Arthroscopy, Miami Beach, FL, Podium Presentation. November 2013.

13. **Haleem, A. M.**, Gittens, J., Grenier, S., Smyth, N., Torzilli, P., Kennedy, J., "Use of Novel Chitosan Hydrogel Cross-Linkers for Photo/Chemical Bonding Of Osteochondral Transplants", Eastern Orthopaedic Association (EOA), Miami Beach, FL, Podium Presentation. November 2013.
14. Incavo, S., **Haleem, A. M.**, Ismaily, S., Meftah, M., Noble, P., "Dual Mobility Total Hip Arthroplasty. Effect of Head Size and Surgical Approach", The Hip Society Summer Meeting, Charleston, SC, Accepted, Podium Presentation. October 2013.
15. **Haleem, A. M.**, Ismaily, S., Meftah, M., Noble, P., Incavo, S., "Range of Motion after Dual Mobility Total Hip Arthroplasty: What are the Effects of Femoral Head Size and Surgical Approach", International Society for Technology in Arthroplasty (ISTA), Palm Beach, FL, Accepted, Podium Presentation. October 2013.
16. Meftah, M., **Incavo, S.**, "Unexpected Rates of Corrosion Related Revisions in Modular Neck Rejuvenate Stem", International Society for Technology in Arthroplasty (ISTA), Palm Beach, FL, Accepted, Podium Presentation. October 2013.
17. Meftah, M., **Incavo, S.**, "Unexpected Rates of Corrosion Related Revisions in Modular Neck Rejuvenate Stem. Accepted for Podium Presentation", The Hip Society Summer Meeting, Charleston, SC, Accepted, Podium Presentation. October 2013.
18. **Haleem, A. M.**, Smyth, N., Kennedy, J., "Double-Plug Autologous-Osteochondral Transplantation Shows Equal Outcomes Compared to Single-Plug Procedures in Lesions of the Talar Dome: a Minimum Five-Year Follow Up", American Orthopaedic Foot and Ankle Society (AOFAS) Annual Meeting, Hollywood, FL, Podium Presentation. July 2013.
19. Smyth, N., **Haleem, A. M.**, Murawski, C., Do, H., Deland, J., Kennedy, J., "The Effect of Platelet-Rich Plasma on Autologous Osteochondral Transplants in a Rabbit Model", International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine (ISAKOS) Congress, Toronto, Canada, Podium Presentation. May 2013.
20. **Haleem, A. M.**, Gittens, J., Grenier, S., Smyth, N., Torzilli, P., Kennedy, J., "Use Of Novel Chitosan Hydrogel Cross-Linkers For Photo/Chemical Bonding Of Osteochondral Transplants", International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine (ISAKOS) Congress, Toronto, Canada, Podium Presentation. May 2013.
21. Smyth, N., **Haleem, A. M.**, Murawski, C., Do, H., Deland, J., Kennedy, J., "The Effect of Platelet-rich Plasma on Autologous Osteochondral Transplants in a Rabbit Model", Arthroscopy Association of North America (AANA) Annual Meeting, San Antonio, Texas. April 2013.
22. Gittens, J., **Haleem, A. M.**, Grenier, S., Smyth, N., Kennedy, J., Torzilli, P., "Use Of Novel Chitosan Hydrogel Cross-Linkers For Photo/Chemical Bonding Of Osteochondral Transplants", Orthopaedic Research Society (ORS) Annual Meeting, San Antonio, Texas. January 2013.
23. **Haleem, A. M.**, El Singergy, A., Sabry, D., Atta, H., Rashed, L., Chu, C., El Shewy, M., Azzam, A., Abdel, A., "Second Generation Mesenchymal Stem Cell Implantation (MSCI) for the Treatment of Large Cartilage Defects of the Knee", 62nd Egyptian Orthopaedic Association (EOA) International Annual Meeting, Cairo, Egypt. December 2012.
24. Smyth, N., **Haleem, A. M.**, Murawski, C., Do, H., Deland, J., Kennedy, J., "The Effect of Platelet-rich Plasma on Autologous Osteochondral Transplantation: An in vivo Rabbit Model", New England Orthopaedic Society (NEOS) Fall Meeting, Massachusetts Medical Society, Boston. November 2012.
25. **Haleem, A. M.**, Young, E., Pavlov, H., Bogner, E., Geatrakas, N., Leggett, K., Deland, J., Ellis, S., "Comparison of Deformity with Respect to Talus in Adult Acquired Flatfoot Patients and Controls Using Multi-Planar Weight-Bearing Imaging versus Conventional Radiography", American Orthopaedic Foot and Ankle Society (AOFAS) Annual Meeting, San Diego, CA, Podium presentation. June 2012.

26. Deland, J., **Haleem, A. M.**, "Non-surgical Management of Non-unions", American Orthopaedic Foot and Ankle Society (AOFAS) Advanced Foot and Ankle Course, Chicago, IL. May 2012.
27. **Haleem, A. M.**, Goma, M., "Second Generation Mesenchymal Stem Cell Transplantation from the Knee to the Ankle – Our Early Clinical Experience", 1st International Congress on Cartilage Repair of the Ankle, European Society of Sports Traumatology, Knee Surgery and Arthroscopy (ESSKA) – Hospital for Special Surgery (HSS), Dublin, Ireland. May 2012.
28. Lee, H., **Haleem, A. M.**, Yao, V., Chu, C., "Dilution of Fibrin Glue Affects Release of Adeno-Associated Virus: Implications in Gene Delivery for Cartilage Tissue Engineering", 57th Annual Meeting of the Orthopedic Research Society (ORS), Long Beach, CA. January 2011.
29. Payne, K., Lee, H., **Haleem, A. M.**, Martins, C., Xiao, X., Chu, C., "Single Intra-Articular Injection of Adeno-Associated Virus Provides Stable and Controllable Transgene Expression", 57th Annual Meeting of the Orthopedic Research Society (ORS), Long Beach, CA. January 2011.
30. Payne, K., Lee, H., **Haleem, A. M.**, Martins, C., Xiao, X., Chu, C., "Single intra-articular injection results in stable and controllable in vivo transgene expression", 2010 World Congress on Osteoarthritis, Brussels, Belgium, Podium Presentation. September 2010.
31. Lee, H., Payne, K., **Haleem, A. M.**, Martins, C., Xiao, X., Chu, C., "Intra-Articular Persistence and Localization of Transgene Expression Following a Single Injection of Adeno-Associated Virus into the Intact and Injured Rat Knee Joints", 56th Annual Meeting of the Orthopaedic Research Society (ORS), New Orleans, LA. March 2010.
32. **Haleem, A. M.**, Chu, C., El Singergy, A., Sabry, D., Atta, H., Rashed, L., El Shewy, M., Azzam, A., Abdel, A., "The Clinical Use of Human Culture-Expanded Autologous Bone Marrow Mesenchymal Stem Cells Transplanted on Platelet-Rich Fibrin Glue in the Treatment of Articular Cartilage Defects", 56th Annual Meeting of the Orthopedic Research Society (ORS), New Orleans, LA, Podium Presentation. March 2010.
33. **Haleem, A. M.**, "Metabolic Bone Disease – The Role of Stem Cells and Gene Therapy", Scientific Conference of the Department of Mechanical Engineering and Engineering Science, University of North Carolina at Charlotte (UNCC), Charlotte, NC, Podium Presentation. November 2008.

Other Presentations

* indicates mentee

National/International

34. **Haleem, A. M.**, "Divergent vs. Parallel Screw Configurations for Subtalar Arthrodesis: Comparing Clinical Outcomes", Accepted, Poster Presentation. Orthopedic Society of Oklahoma Annual Meeting 2019.
35. **Haleem, A. M.**, "Use of Traneximic Acid in Total Ankle Replacement.", Annual American Orthopedic Foot and Ankle Society Meeting AOFAS, Chicago, IL, Poster. September 2019.
36. **Haleem, A. M.**, "Management of Osteochondral Lesions of the Knee", 3rd Orthopaedic Surgery Instructional Review Course, Orthopaedic Surgery Department – Cairo University School of Medicine, Cairo, Egypt. June 2011.
37. **Haleem, A. M.**, "Tissue Engineering for Articular Cartilage Repair - Current Clinical Practice and State of the Art", 1st Egyptian Arthroscopic Association (EGAA) Knee Course, Cairo, Egypt. June 2011.
38. Chu, C., Payne, K., Lee, H., **Haleem, A. M.**, Xiao, X.,, "Single intra-articular injection of AAV results in stable and controllable in vivo transgene expression", ICRS 2010-the 9th World Congress of the International Cartilage Repair Society, Sitges-Barcelona, Spain. September 2010.
39. **Haleem, A. M.**, El-Ghannam, A., "Biphasic Tissue Engineering Scaffold for Treatment of Osteochondral Defects", 56th Annual Meeting of the Orthopedic Research Society (ORS), New Orleans, LA. March 2010.
40. **Haleem, A. M.**, "Mesenchymal Stem Cells in Cartilage Repair - Our Early Clinical Experience", University of North Carolina at Chapel Hill (UNC) - Department of Orthopaedics Research Seminar, North Carolina, Podium Presentation. July 2008.
41. **Haleem, A. M.**, "The Potential of Stem Cells in Orthopedic Surgery", Egyptian Orthopedic Association / Cairo University Department of Orthopedics Joint Annual Meeting, Cairo, Egypt, Podium Presentation. January 2008.
42. **Haleem, A. M.**, "New Trends in the Treatment of Proximal Humeral Fractures", Cairo University Department of Orthopedics Semi - Annual Meeting, Cairo, Egypt, Podium Presentation. July 2006.
43. **Haleem, A. M.**, Atteya, A., El Singergy, A., Azzam, A., "Meniscal Allograft Transplantation", Egyptian Orthopedic Association / Cairo University Department of Orthopedics Annual Meeting, Cairo, Egypt, Podium Presentation. January 2006.

Local/Regional

44. **Haleem, A. M.**, "Opioid Consumption in Elective Foot and Ankle Surgery", Best Paper Award in Orthopedic Society of Oklahoma Annual Scientific Meeting (OSOK),, Platform Presentation. September 2019.

CLINICAL SERVICE

Clinical Administration and Leadership

Founder, Oklahoma University (OU) Multi- disciplinary Lower Limb Preservation Team, 2019 - Present

Founder, Oklahoma University (OU) Orthopedic Surgery Joint Preservation and Biologics Program, 2016 - Present

ORGANIZATIONAL SERVICE

Organizational Administration and Leadership

Campus/University

Co-Founder, OUHSC 3D-Printing Task Force, 2018 - Present

Founder, OU Musculoskeletal Tissue Engineering Team, 2016 - Present

Founder and Course Director, OU Foot and Ankle Monthly Journal Club (CME accredited activity), 2016 - Present

PROFESSIONAL SERVICE

National/International

Chair, American Orthopedic Foot and Ankle Society (AOFAS) Monthly Webinar Taskforce, AOFAS Education Committee, September 2022 - Present

Chair, Young Physicians Committee, American Orthopedic Foot and Ankle Society (AOFAS), September 2020 - 2022

Member, Education Committee, Foot and Ankle Society (AOFAS),, September 2018 - Present

Member, Physician Resource Committee, American Orthopedic Foot and Ankle Society (AOFAS), September 2018 - Present

Vice-Chair, Young Physicians Committee, American Orthopedic Foot and Ankle Society (AOFAS), September 2018 - August 2020

Member, Young Physicians Committee, American Orthopedic Foot and Ankle Society (AOFAS), September 2015 - July 2018

Member, Membership Committee, American Orthopedic Foot and Ankle Society (AOFAS), September 2015 - September 2017

Local/Regional

Vice-President and President - Elect, Orthopaedic Society of Oklahoma (OSOK), February 2019 - Present

Member, Board of Directors and Executive Committee, Orthopaedic Society of Oklahoma (OSOK), February 2016 - Present

Interviewer, Residency Selection Committee, Department of Orthopedic Surgery, University of Oklahoma Health Sciences Center, Oklahoma City, OK, United States, July 2018 - Present

Member, Orthopedic Surgery Residency Clinical Competency Committee, Department of Orthopedic Surgery, University of Oklahoma Health Sciences Center, Oklahoma City, United States, August 2017 - Present

Chair, Membership Committee, Orthopaedic Society of Oklahoma (OSOK), February 2016 - Present

Member, Orthopedic Surgery Morbidity and Mortality Panel, University of Oklahoma Health Sciences Center, Oklahoma City, OK, United States, September 2015 – Present

Member of OUMC Edmond Hospital Operations Council, 7/2018 – Present.

Member of OUMC Edmond Value Assessment Committee (VAC), 11/2018 – Present

Member of the Trauma PIPS Committee, Oklahoma University Health Sciences Center, 4/2016 – Present

Other :

Reviewer:

- Foot and Ankle International (FAI)
- Foot and Ankle Orthopedics (FAO)
- Osteoarthritis and Cartilage
- Cartilage
- Techniques in Foot and Ankle Surgery
- Journal of Limb Lengthening and Reconstruction Surgery (JLLRS)
- Journal of International Society of Arthroscopy, Knee Surgery and Orthopedic Sports Medicine (ISAKOS)

TEACHING AND INSTRUCTION

Graduate Medical Education (GME) Instruction Delivered

Date	Course Name or Session Topic	Role	Number of Instruction Hours	Primary Learner Audience	Sponsoring Department or Organization
September 2015 - Present	Clinical Care Conference: Case Conference - Foot-Ankle	Attending Physician	1 hr(s) Bimonthly	Residents	Department of Orthopedic Surgery and Rehabilitation
January 29, 2020	Lecture: Intern Mentor Program: Trauma - Foot-Ankle	Lecturer	1 hr(s)	Residents	Department of Orthopedic Surgery and Rehabilitation

Professional and Continuing Education Instruction

Date	Course Name or Session Topic	Role	Number of Instruction Hours	Primary Learner Audience	Sponsoring Department or Organization
September 2015 - Present	Continuing Education: Orthopaedic Surgery Foot and Ankle Orthopaedic In-Training Exam (OITE) Lecture Series	Instructor	2 hr(s) Annually	Ortho Residents	Orthopedic Surgery, OUHSC, Oklahoma City
September 2015 - Present	Continuing Education: Orthopedic Surgery, OUHSC, Oklahoma City	Moderator	2 hr(s) Annually	Orthopedic Residents	Orthopedic Surgery, OUHSC, Oklahoma City
September 2015 - Present	Continuing Education: OU Orthopaedic Foot and Ankle Case Conference	Presenter	6 hr(s) Annually	Orthopaedic Surgeons	Orthopedic Surgery, OUHSC, Oklahoma City
September 2015 - Present	Continuing Education: OU Orthopaedic Foot and Ankle Resident Cadaver Course	Presenter	6 hr(s) Annually	Orthopaedic Residents	Orthopedic Surgery, OUHSC, Oklahoma City
September 2015 - Present	Continuing Education: OU Orthopaedic Intern Basic Skill Orientation Lab	Moderator	2 hr(s) Annually	Orthopaedic Resident Interns	Orthopedic Surgery, OUHSC, Oklahoma City
February 2020	Continuing Education: OU Family Medicine – Sports Medicine Grand Rounds	Presenter	1 hr(s) Annually	Family Medicine Faculty, Residents	Family Medicine Department, OUHSC, Oklahoma City
October 2019	Continuing Education: Family Medicine Department, OUHSC, Oklahoma City	Moderator	1 hr(s) Annually	Ortho Residents Nationwide	Orthopedic Surgery, OUHSC, Oklahoma City
August 2019	Continuing Education: OU Family Medicine Grand Rounds	Presenter	1 hr(s) Annually	Family Medicine Faculty, Residents	Family Medicine Department, OUHSC, Oklahoma City
May 2019	Continuing Education: OU Orthopaedic Alumni Annual Meeting	Presenter	0.5 hr(s) Annually	Orthopaedic Surgeons	Orthopedic Surgery, OUHSC, Oklahoma City
April 2019	Continuing Education: OU Physician Assistant Student Orthopaedic Lecture Series OU Annual Primary Care Physician Annual Update Meeting	Presenter	1 hr(s) Annually	OU Physician Assistant Student Orthopaedic Lecture Series OU Annual Primary Care Physician Annual Update	Internal Medicine Department, OUHSC, Oklahoma City
February 2019 - March 2019	Continuing Education: OU Physician Assistant Student Orthopaedic Lecture Series	Presenter	2 hr(s) Annually	Physician Assistant Program	OU Physician Assistant Program, OUHSC, Oklahoma City
February 2019	Continuing Education: Hospital for Special Surgery Limb Lengthening Complex Reconstruction Course	Instructor	5 hr(s) Annually	Ortho Residents Nationwide	HSS-LLRS

Date	Course Name or Session Topic	Role	Number of Instruction Hours	Primary Learner Audience	Sponsoring Department or Organization
October 2018	Continuing Education: American Orthopaedic Foot and Ankle Society (AOFAS) Resident OITE	Presenter	1 hr(s) Annually	Ortho Residents Nationwide	American Orthopaedic Foot and Ankle Society AOFAS
October 2018	Continuing Education: OU Family Medicine – Sports Medicine Grand Rounds	Presenter	1 hr(s)	Family Medicine Faculty, Residents	Family Medicine Department, OUHSC, Oklahoma City
September 2018	Continuing Education: OU Annual Physician-Assistant Update Meeting	Presenter	1 hr(s) Annually	OK Physician Assistants	OU Physician Assistant Program, OUHSC
September 2018	Continuing Education: OU Infectious Disease Medicine Grand Rounds	Presenter	1 hr(s)	Internal Medicine Faculty, Residents	Internal Medicine Department, OUHSC, Oklahoma City
June 2018	Continuing Education: Grand Rounds: Orthopedic Surgery Visiting Professor Grand Rounds	Presenter	1 hr(s) Annually	Orthopedic Surgeons	Orthopedic Surgery, OUHSC, Oklahoma City
May 25, 2018	Continuing Education: Grand Rounds: Orthopedic Surgery Grand Rounds	Presenter	1 hr(s)	Orthopedic Surgeons	Orthopedic Surgery, OUHSC, Oklahoma City
September 2017	Continuing Education: OU Family Medicine – Sports Medicine Grand Rounds	Presenter	1 hr(s)	Family Medicine Faculty, Residents	Family Medicine Department, OUHSC, Oklahoma City
June 2017	Continuing Education: Grand Rounds: Orthopedic Surgery Visiting Professor Grand Rounds	Moderator	3 hr(s)	Orthopedic Surgeons	Orthopedic Surgery, OUHSC, Oklahoma City
March 2017	Continuing Education: OU Rheumatology Grand Rounds	Presenter	1 hr(s) Annually	Rheumatology Faculty, Fellows, Residents	Rheumatology Department, OUHSC, Oklahoma City
October 2016	Continuing Education: American Orthopaedic Foot and Ankle Society (AOFAS) Resident OITE	Presenter	1 hr(s) Annually	Ortho Residents Nationwide	American Orthopaedic Foot and Ankle Society AOFAS
June 2016	Continuing Education: Grand Rounds: Orthopedic Surgery Visiting Professor Grand Rounds	Presenter	3 hr(s) Annually	Orthopedic Surgeons	Orthopedic Surgery, American Orthopaedic Foot and Ankle Society AOFAS, Oklahoma City

Mentoring and Advising

Date	Mentee Name	Mentee Level/ Program	Role/Involvement Type	Mentee Outcomes
2020 - 2024	Rob Nayfa	Medical Student, Department of Orthopedic Surgery and Rehabilitation, University of Oklahoma Health Sciences Center	Mentor	
2019 - 2021	Abdul Qadar	Medical Student, Department of Orthopedic Surgery and Rehabilitation, University of Oklahoma Health Sciences Center	Mentor	

PERSONAL COMMUNITY SERVICE

Member, Oklahoma Medical Reserve Corps (OKMRC), 5/2020 – Present

Member, Steps2Walk Foot and Ankle Foundation (Dr. Mark Myerson), 1/2019 – Present

Medical Director and Team Physician, Men's Professional Basketball Sector and Teams, Al Ahly Club of Egypt (African Club of the Century and Egyptian Basketball League, September 2006 - February 2008 and October 2010 - August 2011

Member of Gezira Sporting Club Basketball Team (Professional Egyptian Basketball League), 1987 – 1997: Egyptian National League & Cup Champions 1992 / 1994 / 1997

Member of the Cairo University School of Medicine Basketball Team (Egyptian Universities D-1 Basketball League), 1994 – 2000

Director of Programs, Best Buddies Egypt, of Best Buddies International, Miami, FL, USA August 1999 - February 2008

Volunteer and Medical Director, Special Olympics Egypt February 2000 – February 2005

Instructor, Annual Best Buddies International Leadership Conference - Indiana University, Indianapolis, IN, July 2005

Attendee, Annual Best Buddies International Leadership Conference - Georgetown University, Washington DC, DC, July 1999

PROFESSIONAL MEMBERSHIPS

Arthroscopic Association of North America (AANA)	January 2019 – 2021
Limb Lengthening and Reconstruction Society (LLRS)	January 2019 - Present
International Cartilage Repair Society of the Foot and Ankle (ICRSFA)	November 2017 – 2019
American Orthopaedic Society of Sports Medicine (AOSSM)	August 2014 – 2017
American Orthopaedic Foot and Ankle Society (AOFAS)	September 2011 - Present
American Academy of Orthopaedic Surgery (AAOS)	April 2011 – Present
Egyptian Arthroscopy Association (EGAA)	October 2010 – Present
Egyptian Orthopedic Association (EOA)	July 2005 – Present
Orthopaedic Society of Oklahoma (OSOK)	February 2016 – Present
International Cartilage Repair Society (ICRS)	January 2009 - January 2011

PROFESSIONAL GROWTH AND DEVELOPMENT

Certification

ATLS (Advanced Trauma Life Support), March 1, 2015 - March 1, 2019

CITI (Collaborative Institutional Training Initiative) Recertification, August 2016

BLS (Basic Life Support) and ACLS (Advanced Cardiovascular Life Support) Recertification, American Heart Association (AHA), July 2013

Basic Life Support Course (BLS) and Advanced Cardiovascular Life Support (ACLS), American Heart Association (AHA), July 2011

Other Formal Course Work

CITI (Collaborative Institutional Training Initiative), September 2012

Basic Science and Research Skills:

- ELISA (Enzyme-Linked Immunosorbent Assay), IVIS Live Cell Imaging
- Scanning Electron Microscopy (SEM), Stereon Microscopy
- FTIR (Fourier Transform Infra Red) Spectroscopy
- ICP (Inductively Coupled Plasma) Element Analysis
- Biomechanical Strength Testing (Instron)
- Mesenchymal Stem Cell Isolation and in vitro culture expansion

- Preparation/Analysis of Orthobiologics (Fibrin Glue and Platelet-rich Plasma (PRP))
- Small and large animal model surgeries (rats, rabbits, horses), Preparation of IACUC (Institutional Animal Care and Use Committee). IRB (Institutional Review Board) Protocols and Grant Proposals