

CURRICULUM VITAE

AMER S AHMAD, MD

EDUCATION

University of Jordan, Faculty of Medicine
Amman, Jordan (Sept 2007 – June 2013)
Doctor of Medicine

POST-GRADUATE EDUCATION AND TRAINING

Al - Essra Hospital
Amman, Jordan (Aug 2013 – June 2014)
Internship

Islamic hospital & The specialty hospital, Department of Orthopedic surgery
Amman, Jordan (July 2014 – June 2020)
Orthopedic residency

- Gained extensive hands-on experience across various orthopedic subspecialties, actively participating in a high volume of surgical cases, including trauma, sports medicine, joint reconstruction, and spine surgery.
- Collaborated closely with leading surgeons to master clinical and surgical techniques, ensuring the highest standard of patient care across diverse orthopedic procedures.
- Managing and treating complex war-related injuries from neighboring regions, addressing intricate complications and contributing to successful outcomes in challenging cases.
- Demonstrated leadership and teamwork in multidisciplinary settings, providing comprehensive orthopedic care, including pre-operative planning, surgical intervention, and post-operative management, to optimize patient recovery and satisfaction.

Islamic Hospital, Department of Orthopedic surgery
Amman, Jordan (Feb 2019 – June 2021)
Administrative Chief resident of orthopedic surgery

- Led educational initiatives by organizing and conducting daily case conferences, weekly morning lectures, monthly journal clubs, and OR learning sessions, significantly enhancing the learning environment for junior residents.
- Managed the efficient operation of orthopedic clinics, wards, and operating rooms, ensuring seamless coordination and high standards of patient care under the guidance of attending surgeons.
- Achieved full autonomy during the chief year, taking on the most complex cases while mentoring and instructing junior residents in advanced surgical procedures and clinical skills.

University of Louisville/Norton Leatherman Spine

Louisville, Kentucky (Oct 2021 – July 2022)

Spine research fellow

- Affiliated with Norton Healthcare and the University of Louisville School of Medicine, department of Orthopedic Surgery.
- Developed strong skills in clinical data collection, managing extensive health-related outcomes data on thousands of patients to support high-impact research projects.
- Gained expertise in statistical analysis and scientific writing, producing research that informed clinical practices and contributed to the orthopedic spine surgery field.

University of Louisville/Norton Leatherman Spine

Louisville, Kentucky (Aug 2022 – July 2023)

Spine clinical fellow

- Received comprehensive clinical training across both clinic and OR settings, ensuring a well-rounded skill set in spine care.
- Acquired extensive experience in managing and performing surgeries for degenerative cervical and lumbar disease, adult spine deformity, and traumatic spine conditions.
- Developed advanced surgical techniques and clinical decision-making skills, enhancing the ability to deliver high-quality care to patients with complex spine disorders.

University of Kentucky, Sports Medicine Division, Department of Orthopedic surgery

Lexington, Kentucky (Aug 2023 – July 2024)

Orthopedic sports medicine fellow

- Conducted training room evaluations and provided sideline team coverage for high school and collegiate teams, including the University of Kentucky, Eastern Kentucky University, and Georgetown College, ensuring expert care and immediate response to sports-related injuries.
- Gained extensive experience in both operative and non-operative treatments for a wide range of musculoskeletal conditions common in sports medicine, including complex ligamentous knee injuries, meniscus surgeries, cartilage repair and restoration, osteotomies, and shoulder labral, rotator cuff, and biceps tendon pathologies.
- Received advanced training in primary and revision shoulder arthroplasty, developing a strong skill set in managing shoulder conditions and performing complex procedures to improve patient outcomes.

WORK EXPERIENCE:

Islamic Hospital, Amman (Feb 2025 – present)

Academic teaching hospital

Orthopedic sports and spine surgery specialist

- Actively involved in teaching medical students, surgical residents, and interns through clinical rotations, bedside teaching, and formal lectures.
- Supervise and mentor junior doctors during ward rounds, clinics, and in the operating room.
- Contribute to academic case discussions, journal clubs, and surgical skills workshops.
- Participate in OSCE (Objective Structured Clinical Examination) preparation and assessment for undergraduate and postgraduate trainees.

CERTIFICATIONS

- Sep 2015: Advanced Traumatic life support (ATLS)
- Apr 2019: ECFMG certification
- Jun 2021: Arab Board of Orthopedic surgery
- Aug 2021: Jordanian Board of Orthopedic, Passed with 7th rank
- Jul 2021 – present: CITI – Course in the Protection of Human Research Subjects
- Jun 2022 – present: Health Insurance Portability and Accountability Act (HIPPA) / Occupational Safety and Health Administration (OSHA) Compliance Certification
- Jun 2023 – present: AHA accredited Basic Life support

MEDICAL LICENSURE

- Orthopedic Physician License, Ministry of Health, The Hashemite Kingdom of Jordan
Issued: 2024. Status: Active.
- Fellowship Training License, Kentucky Board of Medical Licensure, USA
Issued: 2022. Status: Inactive.

PROFESSIONAL AND SOCIETY MEMBERSHIPS:

- 2013 – present: Jordanian Medical Council (JMC)
- 2013 – present: Jordan Medical Association (JMA)
- 2018 – present: American Academy of Orthopedic Surgeons (AAOS)
- 2019 – 2020: AO spine membership
- 2021 – present: American Medical Association (AMA)
- 2021 – present: North American Spine Society (NASS)
- 2023 – present: American Orthopedic Society for Sports Medicine (AOSSM)
- 2023 – 2024: Lexington Medical Association (LMA)

HONORS AND AWARDS

- 2020: Top Resident Award, Islamic Hospital, Department of Orthopedic surgery
- 2021: Top Resident Award, Islamic Hospital, Department of Orthopedic surgery
- 2021: Best Speaker Award, CAST & SPLINT course, Islamic Hospital

TEAM COVERAGE EXPERIENCE

- 2023-2024: Assistant Team Physician, Eastern Kentucky University Football, Richmond, KY. Head team physician: Austin V Stone, MD, PhD
- 2023-2024: Assistant Team Physician, Eastern Kentucky University Men's Basketball, Richmond, KY. Head team physician: Austin V Stone, MD, PhD
- 2023-2024: Assistant Team Physician, University of Kentucky Men's Baseball, Lexington, KY. Head Team Physician: Scott Mair, MD
- 2023-2024: Assistant Team Physician, Lexington Athletic soccer club, Lexington, KY. Head Team Physician: Austin V Stone, MD, PhD
- 2023: Team Physician, Madison Central High school football, Kentucky
- 2023: Team Physician, Madison Southern High School football, Kentucky

RESEARCH EXPERIENCE:

University of Kentucky, Sports Medicine Division-Department of Orthopedic surgery
Lexington, Kentucky (Aug 2023 – Aug 2024)
Mentors: Austin V. Stone, MD, PhD, Darren L. Johnson, MD

- Can it Wait? The Impact of Time Between Meniscal Injury and Isolated Meniscus Repair on Post-Operative Outcomes: A Critically Appraised Topic. Conducted a comprehensive literature review and quality assessment of involved studies using the MINORS quality assessment tool.

- Evaluation of Chat GPT 4.0 Generated Responses to Physician Derived and Patient Derived Questions on ACL Injury. Involved in selecting physician and patient questions and evaluating Chat GPT responses for both accuracy and competency.
- Developed and reviewed a multimedia presentation on the medial meniscus root repair with medialization technique, aimed at enhancing educational resources for orthopedic professionals.
- Reviewed and presented a case study of an adolescent clavicle fracture treated with ORIF, designed for medical student education and training in orthopedic trauma management.
- Participated in a prospective study involving knee aspiration, arthroscopic synovial biopsy sampling, and muscle biopsy to assess quadriceps muscle strength pre- and post-ACL reconstruction, and to evaluate the effects of ACL injury and reconstruction on the development of knee osteoarthritis.

University of Louisville/Norton Leatherman Spine

Louisville, Kentucky (Oct 2021 – July 2023)

Mentors: Leah Y. Carreon, M.D., Steven D. Glassman, M.D., Charles H Crawford, III, MD

- Impact of post-operative corticosteroid on lumbar fusion rate: A retrospective cohort study. IRB project proposal, Collected and reviewed charts and data analysis with Abstract submission.
- Quantified cervical myelopathy using a plate force, pre-operative questionnaires, and patient data collection for a prospective cohort study.
- Performed a comprehensive literature review and wrote a systematic review on the accuracy of CT scan Hounsfield Unit (HU) measurements for predicting spine bone density in surgical patients and its correlation with DEXA spine T-score
- Conducted data analysis and reviewed literature for a study on opioid-sparing anesthesia, focusing on its effect in reducing opioid consumption following surgery.

LEADERSHIP AND ADMINISTRATIVE SERVICE

- 2013 – 2014: Interns Representative, Al- Essra hospital, Amman, Jordan
- 2019 – 2021: Administrative Chief Resident, Department of Orthopedic Surgery, Islamic Hospital, Amman, Jordan
- 2021 – 2023: Orthopedic spine Surgery Mentor for rotating medical students. University of Louisville/Norton Leatherman, Louisville, Kentucky.

Student mentored:

- Grant Schmidt, MD, MBA- Current: PGY1 Orthopedic Surgery Resident at the University of Louisville

- 2023 – 2024: Orthopedic sports medicine Surgery Mentor for rotating medical students. University of Kentucky, Lexington, Kentucky
Student mentored:
 - Xavier Akins- Current: M.D. candidate at Wayne State University
 - Kashif Javid- Current: M.D. candidate at University of Missouri-Kansas City School of Medicine

VOLUNTEER AND COMMUNITY OUTREACH

- First “Basmat Watan” Medical screening and awareness campaign, medical student Union, University of Jordan, Jerash, Jordan, October 2012
- Volunteer in King Hussein Center Foundation (KHCF) Breast cancer screening awareness campaign, Amman, Jordan, 2012
- Second “Basmat Watan” Medical screening and awareness campaign, medical student Union, University of Jordan, Jerash, Jordan, October 2013
- Volunteer in King Hussein Center Foundation (KHCF) Tobacco prevention and awareness campaign, Amman, Jordan, 2013
- Volunteer in King Hussein Center Foundation (KHCF) Breast cancer screening awareness campaign, Amman, Jordan, 2013
- Volunteered in the Specialty hospital orthopedic free and charitable clinics for refugees, Amman, Jordan, 2015

PUBLICATIONS

Peer Reviewed Publications

- **Amer Ahmad MD**, Charles Crawford III MD, Jeffrey Gum MD, Steve Glassman MD, L. C. M, John Dimar MD. Comparison between correlation of bone density measurements on CT scan and MRI versus DEXA scan: A systematic review. North American Spine Society Journal (NASSJ) 14, 100204
- **Amer Ahmad MD**, Jeffrey Gum MD, Leah Carreon MD, Steven Glassman MD. Opioid sparing anesthesia for lumbar spinal fusion surgery reduces opioid consumption, blood loss and operative time: A propensity matched analysis. Spine 49 (1), 58-63
- Shivam N Upadhyaya, Charles H Crawford III, Grant O Schmidt, Derek Arrington, John R Dimar II, Steven D Glassman, Jeffrey L Gum, **Amer H Ahmad**, Leah Y Carreon. Bone density measured on sagittal reconstructed CT is highly correlated with axial CT but both measurements are only moderately correlated with DEXA T-scores. Interdisciplinary
- H Gacaferi, GS Collaborative, COVIDSurg Collaborative. Timing of surgery following SARS-CoV-2 infection: an international prospective cohort study. Anaesthesia 76 (6), 748-75
- Kashif Javid, Xavier Akins, Nicole G Lemaster, **Amer Ahmad** and Austin V Stone. The Impact of Time Between Meniscal Injury and Isolated Meniscus Repair on Post-Operative Outcomes: A Systematic Review. (World Journal of Clinical Cases) 13(7):95004

Abstracts:

- Kashif Javid, Xavier Akins, Nicole G Lemaster, **Amer Ahmad** and Austin V Stone. Evaluation of Chat GPT 4.0 Generated Responses to Physician Derived and Patient Derived Questions on ACL Injury. submitted to journal Knee Surgery, Sports Traumatology, Arthroscopy. Received Date: 8.11.2024

PROFESSIONAL DEVELOPMENT

- Jun 2024: Advanced Arthroscopy Techniques Lab, Smith & Nephew, Lexington, KY
- Apr 2024: Meniscal Root and Multiligament Knee Lab, Smith & Nephew, Lexington, KY
- Mar 2024: MACI Cartilage Course, 24th International Sports Medicine Fellows Conference, Carlsbad, California
- May 2024: Fellows course for shoulder arthroplasty, Exactech Medical Education, New York City, NY
- Jul 2024: AOSSM instructional course: High Tibial Osteotomy: How to Get it Right and Avoid Complications, Denver, CO
- Jul 2024: AOSSM instructional course: Shoulder Problems in Overhead Sports: Surgeon Beware- It Isn't Always So Straight Forward, Denver, CO
- Jul 2024: AOSSM instructional course: Masterclass in Multi-ligamentous Knee Injuries: Expert Perspectives, Denver, CO
- Sep 2023: Wider scope of Arthroscopy course, Smith & Nephew, Chicago, IL
- Feb 2023: Mid-Year Spine Fellows Summit, Stryker, Nashville, Tennessee
- Nov 2021: AO Trauma Webinar, Management of radial nerve palsy associated with humeral shaft fracture, Event ID: 10012254
- Dec 2021: AO Trauma Webcast, Tips and tricks for the Reamer-Irrigator-Aspirator (RIA), Event ID: 10012263
- Sep 2019: Cast and splint course, Islamic Hospital, Amman, Jordan
- Nov 2017: Sports medicine ACL course, the 11th international conference of Jordanian Orthopedic Association, Amman, Jordan
- Oct 2016: AO Trauma Regional Course - Basic Principles of Fracture Management, Dubai, UAE
- Oct 2012: Evidence Based Medicine Course, University of Jordan, Faculty of Medicine, Amman, Jordan

CONFERENCES AND MEETINGS

- Jul 2024: AOSSM 2024 Annual Meeting, Denver, CO
- Apr 2024: 2024 UK Orthopedic Surgery & Sports Medicine Symposium, Lexington, KY
- Mar 2024: Southern Orthopedic Association - Sports Injury Update and Case Based Discussion, Nashville, TN
- Mar 2024: 24th International Sports Medicine Fellows Conference, Carlsbad, California

- Nov 2019: The 21st Pan Arab Orthopedic Association Conference & the 12th International Conference of the Jordanian Orthopedic Association, Amman, Jordan
- Nov 2017: The 20th Pan Arab Orthopedic Association Conference & the 11th International Conference of the Jordanian Orthopedic Association, Amman, Jordan
- Nov2016: The 8th Pan Arab Osteoporosis Society Congress conference, Amman, Jordan
- Oct 2015: The 10th International Conference of the Jordanian Orthopedic Association, Amman, Jordan
- Sep 2012: The 8th International Jordan Oncology Society Conference, Amman, Jordan

SPEAKING ENGAGEMENTS AND POSTER PRESENTATIONS

- **Amer S. Ahmad**, Biceps Tenodesis for Superior Labrum Anterior-Posterior Tear in the Overhead Athlete: A Systematic Review. Journal club, Department of orthopedic surgery, University of Kentucky, Lexington, KY (May 2024)
- **Amer S. Ahmad**, Manipulation Under Anesthesia and/or Lysis of Adhesions After Anterior Cruciate Ligament Reconstruction in Female Basketball Players: Does Race Play a Role? Journal club, Department of orthopedic surgery, University of Kentucky, Lexington, KY (March 2024)
- **Amer S. Ahmad**, Acute Anterior Cruciate Ligament Rupture Repair or Reconstruction? Five-Year Results of a Randomized Controlled Clinical Trial. Journal club, Department of orthopedic surgery, University of Kentucky, Lexington, KY (December 2023)
- **Amer S. Ahmad**, What Is the Failure Rate After Arthroscopic Repair of Bucket-Handle Meniscal Tears? A Systematic Review and Meta-analysis. Journal club, Department of orthopedic surgery, University of Kentucky, Lexington, KY (October 2023)
- **Amer S. Ahmad**, Evidence based medicine – Anterior Cruciate ligament reconstruction, Sports medicine conference series, University of Kentucky, Lexington, KY (October 2023)
- **Amer S. Ahmad**, Evidence based medicine – Knee osteochondral Allograft, Sports medicine conference series, University of Kentucky, Lexington, KY (September 2023)
- **Amer S. Ahmad**, Thoracolumbar Trauma webinar case presentation, Interesting Spine Case Discussion Series 2023, Seattle scientific foundation- University of Louisville/Norton Leatherman spine, Louisville, KY (February 2023) Link: [Thoracolumbar Trauma - John Dimar, III, MD & Mladen Djurasovic, MD \(youtube.com\)](#)
- **Amer S. Ahmad**, Adult spine deformity indication conference, Department of Orthopedic surgery, University of Louisville/ Norton Leatherman spine, Louisville, KY (March 2022)
- **Amer S. Ahmad**, Shoulder Rotator cuff pathology and updated treatment, Department of orthopedic surgery, Islamic hospital, Amman, Jordan (March 2021)
- **Amer S. Ahmad**, Spindle cell hemangioma in the hand, The 21st Pan Arab Orthopedic Association Conference & the 12th International Conference of the Jordanian Orthopedic Association, Amman, Jordan (November 2019)
- **Amer S. Ahmad**, Meniscal injury: how to diagnose and to treat, Department of orthopedic surgery, Islamic hospital, Amman, Jordan (August 2019)
- **Amer S. Ahmad**, Case presentation and discussion: Complicated ankle TCC arthrodesis, Department of orthopedic surgery, Islamic hospital, Amman, Jordan (February 2019)

- **Amer S. Ahmad**, Case presentation and discussion: Iliopsoas T.B abscess diagnosis and management, Department of orthopedic surgery, Islamic hospital, Amman, Jordan (November 2018)
- Patient satisfaction after Total knee arthroplasty. Yousef Othman, MD, Alaa Al Rihani, M.D, **Amer Ahmad**, Misbah Hanbali, M.D, Hasan Yousef, M.D, Ahmad Nizar, M.D, paper entitled 47468, 38th SICOT orthopedic world congress, Cape Town, South Africa, December 2017
- **Amer S. Ahmad**, Open tibia fracture type 3C and poly trauma scales literature review Journal club, Department of orthopedic surgery, The Specialty hospital, Amman, Jordan (February 2017)
- **Amer S. Ahmad**, Calcaneal bone fracture classification and advancement in surgical management, Department of orthopedic surgery, The Specialty hospital, Amman, Jordan (December 2016)
- **Amer S. Ahmad**, Ogilvie syndrome diagnosis and management, Morbidity & Mortality conference, Department of orthopedic surgery, The Specialty hospital, Amman, Jordan (April 2015)