# Abdallah AL-ANI

# PERSONAL DATA

DATE OF BIRTH: 21 October 1996

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**EDUCATION** 

The University of Jordan

Doctor of Medicine (MD) 2014 – 2020

Amman, Jordan

Modern American School Amman, Jordan

American High School Diploma (SAT) 2004 – 2014

RESEARCH EXPERIENCE

King Hussein Cancer Center Amman, Jordan

Research Project Manager 2023 – 2024

CFO; Department of Radiology: Asem H. Mansour, MD, MMM, MSc Department of Pathology; Supervisor: Maysa Al-Hussaini, MD, FRCPath

King Hussein Cancer Center Amman, Jordan

Postdoctoral Research Fellow 2021 – 2023

Department of Pathology; Supervisor: Maysa Al-Hussaini, MD, FRCPath

**The University of Jordan**Research Assistant
Amman, Jordan
2019 – 2021

Division of Endocrinology; Supervisor: Ayman Aref, MD, MSc, FACE, FACP

Division of Urology; Supervisor: Mohammad Abufaraj, MD, PhD

Division of Gastroenterology; Supervisor: Yaser Rayyan, MD. FACP, FASGE

CLINICAL EXPERIENCE

King Hussein Cancer Center Amman, Jordan

Internal Medicine & Pathology 2021 – 2022

Shmaisani HospitalAmman, JordanMedical Internship2020 – 2021

Al-Bashir Hospital Amman, Jordan

Clinical Observership Jan 2020

Johannes Gutenberg University of Mainz Mainz, Germany

Clinical Observership Dec 2019

SUMMARY

# Total number of Published and/or In Press manuscripts [77]

**Reviewer** at the multiple esteemed journals including but not limited to *Cardiovas*cular Diagnosis & Therapy, European Journal of Ophthalmology, Frontiers in Cardiovascular Medicine, Nursing Open, among others.

### \*\* Notable publications

\*\*Salman, L. A., Altahtamouni, S. B., Khatkar, H., **Al-Ani, A.**, Hameed, S., & Alvand, A. (2024). The efficacy of aspirin versus low-molecular-weight heparin for venous thromboembolism prophylaxis after knee and hip arthroplasty: A systematic review and meta-analysis of randomized controlled trials. *Knee surgery, sports traumatology, arthroscopy: official journal of the ESSKA*, 10.1002/ksa.12456. Advance online publication. https://doi.org/10.1002/ksa.12456

Salman, L. A., Altahtamouni, S. B., Khatkar, H., **Al-Ani, A.**, & Ahmed, G. (2024). Success rate of single versus multiple debridement, antibiotics, and implant retention (DAIR) in hip and knee periprosthetic joint infection: A systematic review and meta-analysis. *European Journal of Orthopaedic Surgery & Traumatology*. https://doi.org/10.1007/s00590-024-04091-6

\*\*Al-Hussaini, M., Abdel-Razeq, H., Shamieh, O., **Al-Ani, A.**, Hammouri, M., & Mansour, A. (2024). Assessment of psycho-oncology in the Middle East and North Africa region: a systematic review and meta-analysis. *The oncologist, oyae193*. Advance online publication. https://doi.org/10.1093/oncolo/oyae193

Al-Iede, M., Aljahalin, M., Fashho, E., Sweis, S., Mesmeh, R., Hamad, L. B., Abuzaid, L., Sa'ed, J. A., Elbetar, Y., Alabdali, A. Y. M., Al-Nawaiseh, S., & Al-Ani, A. (2024). Hesitancy toward Childhood and Influenza Vaccines: Experiences from Highly Educated Jordanian Parents. *Vaccines*, 12(8), Article 8. https://doi.org/10.3390/vaccines12080945

Muhsen, S., Rabadi, A., Alqudah, M., Obiedat, A., Owies, L., Alhawaniah, I., Abdel Hafez, S., & **Al-Ani**, **A.** (2024). Validation of intraocular pressure measurement using tonometer AVIA across different postures: A Bland Altman analysis. *European journal of ophthalmology*, 11206721241247672. Advance online publication. https://doi.org/10.1177/11206721241247672

Murshidi, R., Hammouri, M., Al-Ani, A., Kitaneh, R., Al-Soleiti, M., Al Ta'ani, Z., Sweis, S., Halasa, Z., Fashho, E., Arafah, M., Almaani, N., Abdallat, M., Al-Dar'awi, F., Kittaneh, E., Jaber, B., Almudallal, F., & Smadi, Z. (2024). Investigating the prevalence of body dysmorphic disorder among Jordanian adults with dermatologic and cosmetic concerns: A case—control study. *Scientific Reports*, *14*(1), 5993. https://doi.org/10.1038/s41598-024-56315-8

- Beirat, A. F., Amarin, J. Z., Suradi, H. H., Qwaider, Y. Z., Muhanna, A., Maraqa, B., **Al-Ani, A.**, & Al-Hussaini, M. (2024). Lymph node ratio is a more robust predictor of overall survival than N stage in stage III colorectal adenocarcinoma. *Diagnostic pathology*, 19(1), 44. https://doi.org/10.1186/s13000-024-01449-6
- \*\*Al-Ani, A., Rayyan, A., Maswadeh, A., Sultan, H., Alhammouri, A., Asfour, H., Alrawajih, T., Al Sharie, S., Al Karmi, F., Al-Azzam, A. M., Mansour, A., & Al-Hussaini, M. (2024). Evaluating the understanding of the ethical and moral challenges of Big Data and AI among Jordanian medical students, physicians in training, and senior practitioners: a cross-sectional study. *BMC medical ethics*, 25(1), 18. https://doi.org/10.1186/s12910-024-01008-0
- Mansour, R., Al-Ani, A., Al-Hussaini, M., Abdel-Razeq, H., Al-Ibraheem, A., & Mansour, A. H. (2024). Modifiable risk factors for cancer in the middle East and North Africa: a scoping review. *BMC public health*, 24(1), 223. https://doi.org/10.1186/s12889-024-17787-5
- \*\*Al-Ani, A., Hammouri, M., Sultan, H., Al-Huneidy, L., Mansour, A., & Al-Hussaini, M. (2024). Factors affecting cervical screening using the health belief model during the last decade: A systematic review and meta-analysis. *Psycho-oncology*, 33(1), e6275. https://doi.org/10.1002/pon.6275
- AlSamhori, J. F., Rayyan, R., Hammouri, M., Taha, H., Al-Huneidy, L., AlOweiwi, W., AlMohtasib, J., Mansour, S., Dardas, M., Qiqieh, J., Halasa, Z., Al-Huneidy, Y., & **Al-Ani, A.** (2023). Factors influencing gender preference towards surgeons among Jordanian adults: an investigation of healthcare bias. *Scientific reports*, *13*(1), 11614. https://doi.org/10.1038/s41598-023-38734-1
- Salman, L. A., Khatkar, H., **Al-Ani, A.**, Alzobi, O. Z., Abudalou, A., Hatnouly, A. T., Ahmed, G., Hameed, S., & AlAteeq Aldosari, M. (2024). Reliability of artificial intelligence in predicting total knee arthroplasty component sizes: a systematic review. *European journal of orthopaedic surgery & traumatology: orthopedie traumatologie, 34(2), 747–756.* https://doi.org/10.1007/s00590-023-03784-8
- Alzghoul, H., Obeidat, O., Abughazaleh, S., **Al-Ani, A.**, Al-Jabali, A., Khrais, M. Z., Tarawneh, M., Al-Ani, H., Ismail, M. F., De villa, A. R., Haider, A., Alzghoul, B. N., & Samhouri, B. F. (2024). Venous Air Embolism: A Systematic Review. *CHEST Critical Care*, *2*(*1*), 100049. https://doi.org/10.1016/j.chstcc.2024.100049
- Al Sharie, S., Abu Laban, D., Nazzal, J., Iqneibi, S., Ghnaimat, S., **Al-Ani, A.**, & Al-Hussaini, M. (2023). Midline Gliomas: A Retrospective Study from a Cancer Center in the Middle East. *Cancers*, *15*(*18*), 4545. https://doi.org/10.3390/cancers15184545
- \*\*COVID-19 Host Genetics Initiative (2023). A second update on mapping the human genetic architecture of COVID-19. *Nature*, 621(7977), E7–E26. https://doi.org/10.1038/s41586-023-06355-3
- Salman, L. A., Moghamis, I. S., Hatnouly, A. T., Khatkar, H., Alebbini, M. M., Al-Ani, A., Hameed, S., & AlAteeq Aldosari, M. (2024). Correlation between anthropometric measurements and graft size in anterior cruciate ligament reconstruction: a systematic review and meta-analysis. *European journal of orthopaedic surgery & traumatology: orthopedie traumatologie, 34(1)*, 97–112. https://doi.org/10.1007/s00590-023-03712-w

- AlMohtasib, J., Al-Huneidy, L., Taha, H., Rayyan, R., Mansour, S., Samhouri, J., Hammouri, M., Al-Somadi, H., Bedros, A. W., Al-Omairi, J., Abbas, R., Abu-Usba, M. I., & Al-Ani, A. (2023). Perceived attitudes and barriers towards medical research: a survey of Jordanian interns, residents, and other postgraduates. *Korean journal of medical education*, 35(3), 249–261. https://doi.org/10.3946/kjme.2023.263
- Hamdan, M., Haddad, B. I., Alshrouf, M. A., **Al-Ani, A.**, Alisi, M. S., Hammad, Y., Alelaumi, A., Al Hawamdeh, H., Halaweh, A. A., Alshabatat, L., & Kawasmi, S. (2023). Burnout, grit and resilience among Jordanian orthopedic surgeons: a cross-sectional study. *BMC medical education*, 23(1), 593. https://doi.org/10.1186/s12909-023-04572-y
- Abdallat, M., Murshidi, R., Taha, H., Jaber, D. Z., Hammouri, M., Al-Huneidy, L., Aljayeh, M., Ghanem, H. H., Bedros, A. W., Al-Omairi, J., Abbas, R., Abu-Usba, M. I., Alkayed, Z., Banimustafa, R., & Al-Ani, A. (2023). An investigation of knowledge and attitudes towards antidepressants: a cross-sectional survey of Jordan's six medical schools. *BMC psychiatry*, 23(1), 604. https://doi.org/10.1186/s12888-023-05037-8
- Mamoori, H. J., Al-Majali, J., Shibli, D. R., **Al-Ani, A.**, Jibrin, D., Al-Jarrah, R., Khader, O., Jaber, A., Al-Huneidy, Y., Al-Huneidy, L., Al-Nabelsi, M. B., & AlQutob, R. (2023). Current status of biomedical waste management practices and barriers among private Jordanian dental clinics: A cross-sectional investigation of the capital Amman. *Waste management & research: the journal of the International Solid Wastes and Public Cleansing Association, ISWA*, 734242X231184442. Advance online publication. https://doi.org/10.1177/0734242X231184442
- Salman, L. A., Alzobi, O. Z., **Al-Ani, A.**, Hantouly, A. T., Al-Juboori, M., & Ahmed, G. (2023). The outcomes of total hip arthroplasty in developmental dysplasia of hip versus osteoarthritis: a systematic review and meta-analysis. *European journal of orthopaedic surgery & traumatology: orthopedie traumatologie*, 10.1007/s00590-023-03635-6. Advance online publication. https://doi.org/10.1007/s00590-023-03635-6
- Elifranji, Z. O., Al-Ajlouni, J. M., Al-Saber, M. G., Hammad, Y. S., Baniatta, B. A., Alshoubaki, S. N., Jabaiti, M. S., Alkhatib, A. M., Abu awad, A. M., Altarazi, A. E., Abdin, A. N., **Al-Ani, A.**, & Alshrouf, M. A. (2023). Effect of Preoperative Antianxiety Medications on Blood Pressure and Blood Loss in Total Knee Arthroplasty: A Case-Control Study. *Advances in Orthopedics*, 2023, e6355849. https://doi.org/10.1155/2023/6355849
- \*\*Al-Ani, A., Al-Huneidy, L., Sultan, H., Iqneibi, S., Nazzal, J., Mansour, A., & Al-Hussaini, M. (2023). Effect of an educational intervention on the knowledge, attitudes, and practices of healthcare workers at King Hussein Cancer Center towards predatory publishers. *BMC medical education*, 23(1), 355. https://doi.org/10.1186/s12909-023-04312-2
- Sweis, N. W. G., Zayed, A. A., Jaberi, M. A., AlQirem, L., Hyasat, T. B., Khraisat, F. A., Maaita, W., Naser, A. M., Nimer, A., Qatamin, M., Sweis, J. J. G., Sweis, N., **Al-Ani, A. T.**, Alghrabli, A. M., & Haghighi, A. (2023). Geographic variation in the association between Hashimoto's thyroiditis and Papillary thyroid carcinoma, a meta-analysis. *Endocrine*, 10.1007/s12020-023-03378-8. Advance online publication. https://doi.org/10.1007/s12020-023-03378-8

- Muhsen, S., Al-Huneidy, L., Maaita, W., AlQirem, L., Madain, Z., Sweis, J., Abu Tawileh, R., Al-Huneidy, Y., Alkhatib, A., & Al-Ani, A. (2023). Predictors of glaucoma knowledge and its risk factors among Jordanian patients with primary open angle glaucoma at a tertiary teaching hospital: A cross-sectional survey. *PloS one*, 18(5), e0285405. https://doi.org/10.1371/journal.pone.0285405
- Salman, L. A., Hantouly, A. T., Khatkar, H., **Al-Ani, A.**, Abudalou, A., Al-Juboori, M., & Ahmed, G. (2023). The outcomes of total hip replacement in osteonecrosis versus osteoarthritis: a systematic review and meta-analysis. *International orthopaedics*, 10.1007/s00264-023-05761-6. Advance online publication. https://doi.org/10.1007/s00264-023-05761-6
- Salman, L. A., **Al-Ani, A.**, Radi, M. F. A., Abudalou, A. F., Baroudi, O. M., Ajaj, A. A., Alkhayarin, M., & Ahmed, G. (2023). Open versus closed intramedullary nailing of femur shaft fractures in adults: a systematic review and meta-analysis. *International orthopaedics*, 10.1007/s00264-023-05740-x. Advance online publication. https://doi.org/10.1007/s00264-023-05740-x
- Al-Kubaisy, M., Azzam, M. I., Toubasi, A., Al-Ani, A., Mafrachi, B., Al-Ani, H., Bashir, A., & Haddad, A. (2023). Glycemic Status Following Sleeve Gastrectomy Versus Roux-en-Y Gastric Bypass in Patients Without Diabetes: A Systematic Review and Meta-Analysis. *Bariatric Surgical Practice and Patient Care*, https://doi.org/10.1089/bari.2022.0055
- Ashour, O., Alkhatib, A. M., Zureikat, Q. A., Al-Shaikhli, M., Ata, B. B., Massad, T., Al-Huneidy, L., Al-Sabbagh, M. Q., & **Al-Ani**, **A.** (2023). Investigating medical students' satisfaction towards video-based learning versus face-to-face lectures: a Jordanian tertiary teaching hospital experience. *Korean journal of medical education*, 35(1), 21–32. https://doi.org/10.3946/kjme.2023.246
- Alshrouf, M. A., Karam, A. M., Azzam, M. I., Al-Nazer, M. W., Al-Kubaisy, M. A., **Al-Ani, A.**, & Muhaidat, N. (2023). The effect of COVID-19 infection on the menstrual cycle: a cross-sectional investigation in the MENA region. *Human fertility (Cambridge, England)*, 1–7. Advance online publication. https://doi.org/10.1080/14647273.2023.2181106
- \*\*Al-Hussaini, M., Al-Ani, A., Hammouri, M., Al-Huneidy, L., & Mansour, A. (2023). Investigating the impact of COVID-19 on patients with cancer from areas of conflict within the MENA region treated at King Hussein Cancer Center. *Frontiers in oncology, 13*, 1088000. https://doi.org/10.3389/fonc.2023.1088000
- Muhaidat, N., Mansour, S., Dardas, M., Qiqieh, J., Halasa, Z., Al-Huneidy, L., Samhouri, J., Rayyan, R., AlOweiwi, W., AlMohtasib, J., Alshrouf, M. A., Al-Labadi, G. M., Suboh, L. H., & Al-Ani, A. (2023). Current Awareness Status of and Recommendations for Polycystic Ovarian Syndrome: A National Cross-Sectional Investigation of Central Jordan. *International journal of environmental research and public health*, 20(5), 4018. https://doi.org/10.3390/ijerph20054018
- Erashdi, M., Al-Ani, A., Mansour, A., & Al-Hussaini, M. (2023). Libyan cancer patients at King Hussein Cancer Center for more than a decade, the current situation, and a future vision. *Frontiers in oncology*, 12, 1025757. https://doi.org/10.3389/fonc.2022.1025757
- Al Khatib, O., Taha, H., Al Omari, L., Al-Sabbagh, M. Q., **Al-Ani, A.**, Massad, F., & Berggren, V. (2023). Workplace Violence against Health Care Providers in Emergency Departments of Public Hospitals in Jordan: A Cross-Sectional Study. *International Journal of Environmental Research and Public Health*, 20(4), Article 4. https://doi.org/10.3390/ijerph20043675

- Tamimi, T. A., Sallam, M., Rayyan, D., Farah, R., Alkhulaifat, D., **Al-Ani, A.**, Elmusa, R., Sharawi, S., Tanash, O., & Rayyan, Y. (2023). Clinical Characteristics of Autoimmune Hepatitis in a Middle Eastern Population: A Tertiary Care Center Experience. *Journal of Clinical Medicine*, 12(2), Article 2. https://doi.org/10.3390/jcm12020629
- \*\*AlQirem, L., Al-Huneidy, L., Hammouri, M., Taha, H., Al-Somadi, H., Al-Bitar, F., Kitaneh, R., Al-Huneidy, Y., Al-Somadi, H., Ashour, O., Sayed, F., Mohammed, D., Abu Tawileh, R., & Al-Ani, A. (2022). Perceived barriers towards the importance and application of medical research: a source of gender disparity among medical undergraduates. *BMC medical education*, 22(1), 767. https://doi.org/10.1186/s12909-022-03822-9
- Murshidi, R., Hammouri, M., Taha, H., Kitaneh, R., Alshneikat, M., Al-Qawasmeh, A., Al-Oleimat, A., Al-Huneidy, L., Al-Huneidy, Y., & **Al-Ani, A.** (2022). Knowledge, Attitudes, and Perceptions of Jordanians Toward Adopting and Using Telemedicine: National Cross-sectional Study. *JMIR human factors*, *9*(4), e41499. https://doi.org/10.2196/41499
- Mansour, R., Amarin, J. Z., **Al-Ani, A.**, Al-Hussaini, M., & Mansour, A. (2022). Palestinian Patients with Cancer at King Hussein Cancer Center. *Frontiers in oncology, 12*, 997492. https://doi.org/10.3389/fonc.2022.997492
- \*\*Al-Ani, A., Amarin, J. Z., Al-Huneidy, L., & Al-Hussaini, M. (2022). Sex differences in cancer incidence and mortality among patients managed at King Hussein Cancer Center. *International journal of cancer*, 10.1002/ijc.34213. Advance online publication. https://doi.org/10.1002/ijc.34213
- \*\*Muhsen, S., Roto, A., Al-Sabbagh, M. Q., Al-Huneidy, L., AlRamahi, N., Alhalaybeh, N., Kotkot, D., Alkiswani, S., **Al-Ani, A.**, & Abu-Yaghi, N. (2022). Smartphone ophthalmoscopy versus slit-lamp biomicroscopy for optic nerve head evaluation: A digital apparatus into medical education. *European journal of ophthalmology, 11206721221113827*. Advance online publication. https://doi.org/10.1177/11206721221113827
- Muhaidat, N., Alshrouf, M. A., Azzam, M. I., Karam, A. M., Al-Nazer, M. W., & Al-Ani, A. (2022). Menstrual Symptoms After COVID-19 Vaccine: A Cross-Sectional Investigation in the MENA Region. *International Journal of Women's Health*, *14*, 395–404. https://doi.org/10.2147/IJWH.S352167
- Alazzam, M., Khalifa, M. A., & **Al-Ani, A.** (2022). The transverse-vertical incision (Alazzam hybrid incision). *Langenbeck's Archives of Surgery*. https://doi.org/10.1007/s00423-021-02404-5
- Lataifeh, L., Al-Ani, A., Lataifeh, I., Ammar, K., AlOmary, A., Al-hammouri, F., & Al-Hussaini, M. (2022). Knowledge, Attitudes, and Practices of Healthcare Workers in Jordan towards the COVID-19 Vaccination. *Vaccines*, *10*(2), 263. https://doi.org/10.3390/vaccines10020263
- Al-Makhamreh, H., **Al-Ani, A.**, Alkhulaifat, D., Shaban, L., Salah, N., Almarayaty, R., Al-Huneidy, Y., & Hammoudeh, A. (2022). Impact of thyroid disease in patients with atrial fibrillation: Analysis from the JoFib registry. *Annals of Medicine and Surgery*, 74, 103325. https://doi.org/10.1016/j.amsu.2022.103325

- Al-Makhamreh, H., Al-Bitar, F., Saadeh, A., Al-Ani, A., Azzam, M., Alkhulaifat, D., Khanfar, A., Toubah, Y., Aburaddad, L., Hassan, K., & Al-Ani, H. (2021). Evaluating the physical, psychosocial and ergonomic burden of lead aprons among Jordanian interventionists: a nationwide study. *International journal of occupational safety and ergonomics : JOSE, 1–8*. Advance online publication. https://doi.org/10.1080/10803548.2021.2013029
- Mafrachi, B., **Al-Ani, A.**, Al Debei, A., Elfawair, M., Al-Somadi, H., Shahin, M., Alda'as, Y., Ajlouni, J., Bani Hani, A., & Abu Abeeleh, M. (2021). Improving the Quality of Medical Documentation in Orthopedic Surgical Notes Using the Surgical Tool for Auditing Records (STAR) Score. *Cureus*, *13*(11), e19193. https://doi.org/10.7759/cureus.19193
- Jaber, R. M., Mafrachi, B., **Al-Ani, A.**, & Shkara, M. (2021). Awareness and perception of COVID-19 among the general population: A Middle Eastern survey. *PloS one*, *16*(4), e0250461. https://doi.org/10.1371/journal.pone.0250461
- Al-Zayadneh, E., Al-Bitar, M., Al-Ani, A., Saadeh, A., Al-Oqaily, W., Yameen, A.-R., Shamasneh, M. K. A., & AL-Iede, M. (2021). Clinical characteristics of asthmatic children with Vitamin D deficiency at Jordan University Hospital: A retrospective study. *Jordan Medical Journal*, 55(4), Article 4. https://journals.ju.edu.jo/JMJ/article/view/108201
- \*\*Laukhtina, E., Abufaraj, M., **Al-Ani, A.**, Ali, M. R., Mori, K., Moschini, M., Quhal, F., Sari Motlagh, R., Pradere, B., Schuettfort, V. M., Mostafaei, H., Katayama, S., Grossmann, N. C., Fajkovic, H., Soria, F., Enikeev, D., & Shariat, S. F. (2021). Intravesical Therapy in Patients with Intermediate-risk Non–muscle-invasive Bladder Cancer: A Systematic Review and Network Meta-analysis of Disease Recurrence. *European Urology Focus*, *0*(0). https://doi.org/10.1016/j.euf.2021.03.016
- Al-Makhamreh, H., Alkhulaifat, D., **Al-Ani, A.**, Mafrachi, B., Saadeh, A., Al-Ani, H., Bani Hani, A., & AlRyalat, S. A. (2021). The Impact of War-Related Stress on Coronary Artery Disease Severity in War Survivors: A SYNTAX Study. *International Journal of Environmental Research and Public Health (Vol. 18, Issue 6)*. https://doi.org/10.3390/ijerph18063233
- Abufaraj, M., **Al-Ani, A.**, AlQudah, A., & Shariat, S. F. (2021). Surgical intervention in patients with urothelial carcinoma of the bladder and lymph node metastasis. *Current Opinion in Urology*, Publish Ahead of Print. https://journals.lww.com/co-urology/Fulltext/9000/Surgical intervention in patients with urothelial.98892.aspx
- \*\*Zayed, A. A., Amarin, J. Z., **Al-Ani, A.T.**, Altell, T. L., Abdelhamid, S. S., Qirem, M. M., Fahmawi, S. M., Elshebli, S. M., Hamo, K. M., Zaghlol, L. Y., Tierney, M. E., Zayed, J. A., & Haghighi, A. (2021). Association of parental consanguinity with papillary thyroid carcinoma: a case–control study. *The Journal of Clinical Endocrinology & Metabolism*. https://doi.org/10.1210/clinem/dgab071
- Qaswal, A. B., Ababneh, O., Khreesha, L., **Al-Ani, A.**, Suleihat, A., & Abbad, M. (2021). Mathematical Modeling of Ion Quantum Tunneling Reveals Novel Properties of Voltage-Gated Channels and Quantum Aspects of Their Pathophysiology in Excitability-Related Disorders. *Pathophysiology*, 28(1), 116–154. doi:10.3390/pathophysiology28010010

Al-Sabbagh, M. Q., **Al-Ani, A.**, Mafrachi, B., Siyam, A., Isleem, U., Massad, F. I., Alsabbagh, Q., & Abufaraj, M. (2021). Predictors of adherence with home quarantine during COVID-19 crisis: the case of health belief model. *Psychology, Health and Medicine*. https://doi.org/10.1080/13548506.2021.1871770

Khatib, F., Abu Tarboush, N., Abu-Yaghi, N., Alazzam, M., **Al-Ani, A.**, & Mafrachi, B. (2021). Evaluating Awareness and Practices Towards Diabetes and Diabetic Retinopathy in Adult Patients Attending the Eye Clinic in a Tertiary Academic Hospital in Jordan. *Clinical Ophthalmology, Volume 15*, 1309–1316. https://doi.org/10.2147/OPTH.S299711

Aborajooh, E., Al-Taher, R., Tarboush, N. A., Al-Ani, A., Qasem, N., Ababneh, S., Ababneh, G., Al-Ahrash, A., Al-Saeedi, B., Al-Husaini, S., & Bucheeri, A. (2020). A cross-sectional study of basic education influence on the clinical training: Attitudes and perception among Jordanian medical students. *Annals of medicine and surgery (2012), 60*, 456–461. https://doi.org/10.1016/j.amsu.2020.11.022

Al-Shudifat, A., Mafrachi, B., **Al-Ani, A.**, Qaisi, A. K. Al, & Bustami, N. (2020). Ancient Schwannoma affecting the intracranial portion of the trigeminal nerve: A case report. *Surgical Neurology International*, 11, 426. https://doi.org/10.25259/SNI\_464\_2020

AL-Iede, M., Al-Ani, A., Mafrachi, B., Al-Khulaifat, D., Hassan, K., Elhussieni, M., Salah, N., Al-Somadi, H., Ali, E., Alzayadneh, E., & Khreesha, L. (2021). Sensitization to inhaled allergens in Atopic children in Jordan Capital, Amman: a cross-sectional study. *Current Respiratory Medicine Reviews*, 17. https://doi.org/10.2174/1573398X17666210301123802

[ESTIMATION ANALYSIS] Predicting the burden of IBD in the MENA region: A global burden of disease study	In Press
[Retrospective Cohort] Epidemiology and clinical characteristics of colorectal cancer and advanced adenoma: a single center experience in Jordan	In Press
[Validation Study] Cross-Cultural Adaptation and Validation of the Arabic Dysmorphic Concerns Questionnaire	In Press
[Retrospective Cohort] The predictive value of hematological markers in renal cell carcinoma: insights from the King Hussein Cancer Center	In Press

# PUBLICATIONS (ABSTRACTS, POSTERS & CONFERENCE PAPERS)

**POSTER** 

Effects of a focused one-day interactive session on oncology research on medical students' interest in and understanding of oncology research

2023 ASCO Annual Meeting

#### POSTER

Clinical characteristics and prognosis of patients with diffuse midline gliomas at King Hussein Cancer Center

2<sup>nd</sup> Pakistan Paediatric Neuro-Oncology Symposium

### ABSTRACT

The prognostic value of metastasectomy among patients with gastric, pancreatic, and colorectal cancer accompanied by isolated liver metastasis: A SEER analysis

Journal of Clinical Oncology

DOI: 10.1200/JCO.2023.41.16 suppl.e16026

### ABSTRACT

Survival outcomes of metastasectomy and primary site resection in melanoma patients with isolated brain metastasis: A SEER analysis

Journal of Clinical Oncology

DOI: 10.1200/JCO.2023.41.16 suppl.e21541

### ABSTRACT

PD63-07 INTRAVESICAL THERAPY IN PATIENTS WITH INTERMEDIATE-RISK NON-MUSCLE-INVASIVE BLADDER CANCER: A SYSTEMATIC REVIEW AND NETWORK META-ANALYSIS OF ONCOLOGIC OUTCOMES

The Journal of Urology

DOI: 10.1097/JU.00000000000002107.07

### CONFERENCE PAPER

Transverse versus midline abdominopelvic incisions: a systematic review

ESGO SoA 2021 Conference Abstracts DOI: 10.1136/ijgc-2021-ESGO.52

# ABSTRACT

A systematic review of mesonephric adenocarcinomas of the female genital tract

Abstracts of the RCOG National Trainees Conference

DOI: 10.1111/1471-0528.16710

### ABSTRACT

En block robotic resection of rectovaginal endometriosis with partial vaginectomy; surgical video

Abstracts of the RCOG National Trainees Conference

DOI: 10.1111/1471-0528.16710

### ABSTRACT

Improving the quality of the pathological request form for accurate diagnosis of possible ovarian malignancy in Churchill hospital; a clinical audit

Abstracts of the RCOG National Trainees Conference

DOI: 10.1111/1471-0528.16710

Abstract

# 'Gynaefellow': a new multi-media platform for medical students and gynaecology surgery training

Abstracts of the RCOG National Trainees Conference

DOI: 10.1111/1471-0528.16710

ABSTRACT

# A step by step en block bladder peritonectomy with total hysterectomy

Abstracts of the RCOG National Trainees Conference

DOI: 10.1111/1471-0528.16710

ABSTRACT

# A step-by-step technique for Inguinofemoral lymph nodes dissection

Abstracts of the RCOG National Trainees Conference

DOI: 10.1111/1471-0528.16710

ABSTRACT

### Safety of bladder dissection techniques

Abstracts of the RCOG National Trainees Conference

DOI: 10.1111/1471-0528.16710

# PROFESSIONAL AND VOLUNTEERING EXPERIENCES

# The Amygdala Research Hub

2021 - Present

FOUNDER

A research hub that provides aspiring clinicians with the knowledge and resources necessary to conduct clinical research. It is designed as a comprehensive source for newcomers to learn research basics, fundamental statistics, and the methodologies for conducting relevant clinical research.

GynaeFellow 2020 - 2021

### RESEARCH COORDINATOR

A global initiative aiming to provide gynaecologists and health professionals with the latest information regarding gynaecological surgical techniques, research, and novel cases studies. The platform provides freely accessible, peer-reviewed material that is concise and easy to follow by practitioners of all levels and backgrounds. In addition, GynaeFellow have set itself as a hub for conducting international research and teaching research basics.

### Women in Medicine: The Jordanian Experience

2020 - 2021

Co-Founder

A voluntary initiative aimed at shedding light on the perceptions and challenges faced by female practitioners within healthcare. This initiative's objective is to raise awareness regarding issues of female practitioners through social media, lectures and research. Also, to provide a safe space for this vulnerable group to express themselves.

**The 'Watan' Initiative** 2020 – 2021

MEMBER OF THE ORGANIZING COMMITTEE

The 'Watan' Initiative is a joint effort organized by medical students and Jordanian health authorities to battle the burdens of the COVID-19 pandemic during early curfew.

**Operation Smile** 2019 – 2020

MEDICAL VOLUNTEER

Operation Smile Jordan (OSJ) is a national chapter of Operation Smile International, founded in Jordan in 2004. A non-for-profit organization dedicated to providing free surgeries to children born with cleft lips, cleft palates, other facial deformities and burns.

# **International Federation of Medical Students' Association (IFMSA)**

2019 - Present

ORGANIZER, LECTURER, RESEARCH SUPERVISOR

The IFMSA is an international institution by and for medical students that aims to develop leadership abilities and promote the visions of medical students.

### University of Jordan's School of Medicine

2018 - 2022

RESEARCH ASSISTANT

Tasked with designing studies, conducting data synthesis, analyzing data, drafting research proposals, submitting funding applications, and submitting manuscripts for publication under the mentorship of professors including Dr. Mohammed Abu-Faraj, Dr. Ayman Aref Zayed, and Dr. Hanna Al-Makhamreh.

Bel-Arabi 2015 – 2020

CONTENT ADJUDICATOR, TRANSLATOR

BelArabi is an NGO aimed at enriching the internet with high quality Arabic content to preserve and fortify the Arabic language through integrating arts, language and science.

# SOFTWARE & SKILLS

Computer Software: Microsoft Office

Adobe Software: Photoshop, Illustrator, Premier Citation Software: Mendeley, EndNote, Zotero

Statistics Software: SPSS, STATA, R, RevMan, Jamovi, Python

Visualization Software: GraphPrism, Draw.io, Inkscape

### REFERENCES

Available Upon Request!