

CURRICULUM VITAE

Personal Information

Name: Ruba Abd-Allah Khasawneh

Position: Associate Professor of Radiology (Pediatric Radiology)

Department/Institution: Department of Radiology and Nuclear Medicine, King Abdullah University Hospital (KAUH) – Jordan University of Science and Technology (JUST)

Nationality: Jordanian

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Professional Summary

Associate Professor and Consultant of Pediatric Radiology and Pediatric Neuroradiology with > 12 years of experience. Established research track record with more than 30 peer-reviewed publications, with an ongoing role in multicenter international research.

Certification and Licensure

(11/2022) Full license to practice Pediatric Radiology, Jordan

(10/2010) Full license to practice Diagnostic Radiology, Jordan

(06/2004) Full license to practice Medicine, Jordan

(08/2010) Part II Jordanian Board of Diagnostic Radiology

(03/2009) Part I Jordanian Board of Diagnostic Radiology

(05/2006) ECFMG Certified

USMLE Step 1: 04/2004

USMLE Step 2 CK: 10/2004

USMLE Step 2 CS: 02/2006

Academic and Clinical Appointments

(2021–Present) Associate Professor, Department of Radiology and Nuclear Medicine, Jordan University of Science and Technology

(2014–2021) Assistant Professor, Department of Radiology and Nuclear Medicine, Jordan University of Science and Technology

(2013–2014) Full time lecturer, Department of Radiology and Nuclear Medicine, Jordan University of Science and Technology

(2010–2011) Teaching and Research Assistant, Department of Radiology and Nuclear Medicine, Jordan University of Science and Technology

(2013–Present) Pediatric Radiologist, KAUH / JUST

External Clinical Appointment

(2023–Present) Part-time Pediatric Radiologist, Prince Hamza Hospital, Ministry of Health, Jordan

Education

- Bachelor of Medicine, Bachelor of Surgery (MBBS), Jordan University of Science and Technology, 2003 — Grade: Very Good
- General Secondary Education Certificate, Yarmouk University Model School, 1997 — Average: 96.4%

Postgraduate Training

- Multidisciplinary Internship, Princess Basma Teaching Hospital, Jordan (2003–2004)
- Residency in Diagnostic Radiology, KAUH / JUST (2006–2010)
- Elective Residency Rotation, University of Iowa Hospitals and Clinics, USA (2008)
- Fellowship in Pediatric Radiology, Nationwide Children’s Hospital, Columbus, OH, USA (2011–2012)
- Fellowship in Pediatric Neuroradiology, Arkansas Children’s Hospital, Little Rock, AR, USA (2012–2013)

Teaching and Mentorship

- Undergraduate Teaching: Pediatric Radiology to 4th-year medical students at JUST, including lectures ,case-based discussions and assessments.
- Postgraduate Teaching: Supervision and teaching of Radiology residents (PGY1–PGY4) in Pediatric Radiology, including morning reports, clinical imaging interpretation sessions, and multidisciplinary academic meetings.
- Mentor for medical students and radiology residents in scholarly and clinical work.

Research Interests

- Radiological scoring systems and structured approaches in diagnostic radiology reporting
- Quality improvement and optimization in radiology practice
- AI in Radiology

Scientific Publications

1. **Khasawneh R**, Khassawneh B, Khasawneh FA, Gharaibeh M, Athamneh S, Ajam T, Nofal MZ. Brixia score on initial chest X-ray as a predictor of outcome in COVID-19 and H1N1 acute chest infections: A retrospective study. *Medicine (Baltimore)*. 2026 Jan 23;105(4):e47295.
2. Obeidat N, **Khasawneh R**, Alrawashdeh A, Abdel Kareem AM, Al-na'asan MK, Alkhatatba M, et al. Shoulder Injury Related to Vaccine Administration (SIRVA) Following COVID-19 Vaccination: Correlating MRI Findings with Patient Demographics. *Tomography*. 2025 May 2;11(5):53.
3. **Khasawneh RA**, Khader YS, Gharaibeh MM, Haj Hussein AA, Alkhaldi T, Igbariye Y, et al. Adult Intussusception in Jordan: Demographics, Clinical Features, and Outcomes from a Tertiary Hospital. *Med Sci Monit Basic Res*. 2024 Dec 5;30:e945845.
4. **Khasawneh R**, Keewan N, Aburahma SK, Khurfan BW. Paracetamol overdose associated with cortical blindness-complicated acute leukoencephalopathy: a case report. *Egypt J Neurol Psychiatry Neurosurg*. 2024 Dec 1;60(1):1–6.
5. Gharaibeh M, Alfwarees AA, Elobeid E, **Khasawneh R**, Rousan L, El-Heis M, et al. The ability of digital breast tomosynthesis to reduce additional examinations in older women. *Front Med*. 2023 Nov 21;10:1276434.
6. Al-Zamer Y, Aburahma S, **Khasawneh R**, Hazaimah E, Jbarah O. Chiari I malformation: Clinical Characteristics, Symptoms, and Presentations. (P10-4.005). *Neurology*. 2023 Apr 25;100(17_supplement_2).
7. Gharaibeh M, El-Obeid E, **Khasawneh R**, Karrar M, Salman M, Farah A, et al. Impact of the COVID-19 pandemic on imaging case volumes in King Abdullah University Hospitals (KAUH). *Front Med*. 2023 Feb 9;10.
8. Ayesh (Haj Yousef) MH, Al-Khatib SM, **Khasawneh RA**, Rahabneh L. Subcutaneous panniculitis-like T-cell lymphoma: an unusual cause of right thigh hypertrophy. *BMJ Case Rep*. 2022 Dec 2;15(12).
9. Al Sharie AH, Al Zu'bi YO, Al-Sweedan S, **Khasawneh RA**, Altamimi E. Successful management of dural venous sinus thrombosis secondary to ulcerative colitis in a pediatric patient: A case report. *Radiol Case Rep*. 2022;17:2162–2166.
10. Azab B, Rabab'h O, Aburizeg D, Mohammad H, Dardas Z, Mustafa L, **Khasawneh RA**, Awad H, Hatmal MM, Altamimi E. Potential Composite Digenic Contribution of NPC1 and NOD2 Leading to Atypical Lethal Niemann-Pick Type C with Initial Crohn's Disease-like Presentation. *Genes (Basel)*. 2022;13:973.
11. Gharaibeh M, Elheis M, **Khasawneh R**, Al-Omari M, Jibril M, Dilki K, El-Obeid E, Altalhi M, Abualigah L. Chest Radiograph Severity Scores, Comorbidity Prevalence, and Outcomes of Patients with Coronavirus Disease Treated at King Abdullah University Hospital in Jordan. *Int J Gen Med*. 2022;15:5103–5110.
12. **Khasawneh RA**, Mohaidat ZM, Khasawneh RA, Zoghoul SB, Henawi YM.

Unusual intramuscular locations as a first presentation of hydatid cyst disease in children. *BMC Pediatr.* 2021;21.

13. Hani OB, Halalsheh O, Mohammad Y, Yaseen AB, **Khasawneh R**, Al-Sheikh N, Al-Khalili M, Alomari M, Alomari MM. Crossed renal ectopia with inverted U-shaped fusion. *J Clin Invest Surg.* 2021;6:71–75.

14. **Khasawneh RA**, El-Heis M, Al-Omari M, Al-Qaralleh MA, Al-Manasra A, Alqudah AA, Awad S. Radiological characteristics of childhood intussusception. *Heliyon.* 2021 Jun;7(6).

15. **Khasawneh RA**, Mohaidat ZM, Gharaibeh MM, Hdeeb A. Post-Traumatic Hemosiderotic Synovitis Mimicking PVNS. *Am J Case Rep.* 2021;22.

16. **Khasawneh RA**, Mohaidat Z, Khasawneh FA, et al. Extraspinal findings in 4250 lumbar spine MRI exams. *Sci Rep.* 2021;11.

17. Awad S, Hatim R, Khader Y, Alyahya M, Harik N, Rawashdeh A, Al-Qudah W, **Khasawneh R** et al. Bronchiolitis clinical practice guidelines implementation. *Multidiscip Respir Med.* 2020;15.

18. Tashtush NA, Bataineh ZA, Yusef DH, Al Quran TM, Rousan LA, **Khasawneh R** et al. Ingested sharp foreign body causing mediastinal mass. *Ann Med Surg.* 2019;45:91–94.

19. Awad S, Khader Y, Mansi M, Yusef D, Alawadin S, Qudah W, **Khasawneh R**. Viral surveillance of children with acute respiratory infection. *J Pediatr Infect Dis.* 2020;15.

20. Ayesh MH, Eyadeh A, Rawashdeh RAL, **Khasawneh R**, Saleh JA, Jibreel MJ. Vinblastine-induced PRES. *J Oncol Pharm Pract.* 2018.

21. The Non-Urological Findings of CT Urography. El-Heis M , Gharaibeh M, Al-Omari M , **Khasawneh R**, Aljarrah Q. ResearchGate.

22. Mohaidat ZM, Saleh A-AA, Al-Omari MH, Obeidat AA, **Khasawneh RA**. Osteochondroma in Jordanian patients. *J Clin Diagn Res.* 2018.

23. Al-Omari M, Obeidat N, Elheis M, **Khasawneh R**, Gharaibeh M. Pregnancy rate after fallopian tube recanalization. *J Clin Med.* 2018;7:110.

24. Multiple sclerosis and neurofibromatosis type 1 (NF1). El-Heis M , Gharaibeh M, Al-Omari M , **Khasawneh R**. Manuscript available on ResearchGate.

25. El Heis M, Gharaibeh M, Al-Omari M, **Khasawneh R**. Radiographic features of *Mycobacterium Malmoeense*. *Biomed J Sci Tech Res.* 2018;3.

26. El-Heis M, Gharaibeh M, Al-Omari M, **Khasawneh R**. Centre edge angle of Wiberg in Jordanians. *MOJ Orthop Rheumatol.* 2018;10.

27. Al Manasra AR, Bani Hani M, Qandeel H, Alqudah M, **Khasawneh R**, et al. NAFLD in morbid obesity. *Australas Med J.* 2018;11.

28. **Khasawneh R**, Ramakrishnaiah RH, Singh S, Hegde SV. CT findings in pediatric blunt intestinal injury. *Emerg Radiol.* 2013;20.

29. **Author, Head and Neck Section**, *Pediatric Radiology Case Base Textbook*,

January 2014.

30. **E-Poster, SPR 2013:** Kinematic MRI Utility in Cervical Spine Evaluation in Children. **Khasawneh R**, Ramakrishnaiah RH, Meek D, Albert G, Glasier C.

31. Improvement U Program for Quality Scholars, Arkansas Children's Hospital (06/2012–11/2013).

Accepted for Publication

1. Computed Tomography Scan Evaluation of Globe Rupture Using a Novel Mnemonic. *Emergency Radiology*. **Khasawneh R** et al. Accepted 12/2025.

2. MRI Findings of Shoulder Injury Related to Vaccine Administration Following COVID-19 Vaccination. *Bahrain Medical Bulletin*. Naser Obeidat M, **Khasawneh R** et al. Accepted 10/2025. Conference paper. July 2025. European Congress of Radiology.

Ongoing and Funded Research Projects

1. Establishing the first protocol- and indication-based diagnostic reference levels for adult CT in MENA: A Multicenter study of 8,188 patients from 16 hospitals in 7 countries. (Submitted 12/2025).

2. Radioprotection: Justification and Optimization Practices for CT across Eastern/Central Europe, Latin America, Northern Africa, Middle East, and Asia. Presented as Poster at ESR 2025.

3. Establishing the first protocol and clinical indication based regional diagnostic reference levels for pediatric computed tomography in the middle east and north africa: A multicenter study of 38 sites from 16 countries- Radsafe MENA collaborators (Poster presentation at RSNA 2024, Oral presentation at Radiology annual meeting/Dubai2024). This project has won the research trainee Award. It has also been selected as the finalist for an internal MGH award.

4. Randomized multicenter, multinational, Double-Blind Study to Compare the Pharmacokinetics, Efficacy, Safety, and immunogenicity of MB12 (Proposed Pembrolizumab Biosimilar) versus Keytruda in Combination with Chemotherapy for the Treatment of Patients with Advanced Stage IV Non-squamous Non-Small Cell Lung Cancer (NSCLC) (BENITO Study) (Role: Study Radiologist, Site: Pharmaceutical Research Center, JUST).

5. Imaging Findings of Fetal-Neonatal Ovarian Pathology.

6. Assessment of the Revised Atlanta Classification for Acute Pancreatitis.

7. Pediatric Growth Hormone Deficiency: MRI correlations (In collaboration with The Hashemite University- Jordan).

8. Awareness of radiation exposure among senior medical students.

9. AI in Chest X-ray Quality assessment (Funded by JUST).

10. AI in pediatric fracture detection.
11. AI in brain structure evaluation in autism.

Peer Review and Academic Contributions

- Invited reviewer for manuscripts submitted to Pediatric Radiology, Emergency Radiology, BJR Case Reports, and Egyptian Journal of Neurology, Psychiatry and Neurosurgery (2024–Present).
- Radiological data collection and analysis for Master's thesis named "The efficacy of chest x-ray and computed tomography scan in the detection and evaluation of COVID-19 features in correlation with reverse transcription polymerase chain reaction and vaccination status of patients", JUST, 2023.
- Radiological data collection and analysis for Master's thesis named "Validation of an automated chest X-ray diagnostic tools for respiratory illnesses in children", JUST, 2024.
- Mentor and reviewer for Radiopaedia E-poster: "Appendicitis: A Declassified Guide to Imaging." Medical students, JUST, 2023.

Memberships

- Jordan Medical Association
- Jordan Radiological Society
- Society of Pediatric Radiology
- Radiological Society of North America

Academic and Institutional Service

- Member, Exam Committee for Radiology Residents, KAUH–JUST
- Head, Department Research Committee, JUST
- Member, Clinical Pathways for Genetic Cancer Committee, KAUH
- Department representative at Faculty of Medicine Council (09-2021-09-2022)

Conferences

- RSNA Online Meeting, 11/2025
- Speaker, First International Radiology Conference, Amman, 10/2025
- Bayer Radiology Symposium, 05/2025
- SPR Annual Meeting, 04/2025
- Speaker, 9th Scientific day for Pediatric residents, Northern district, Princess Rahma Hospital, Ministry of Health- Jordan, 08/2021

- CT and MR of the Abdomen Course, 11/2019
- Pan-Arab Radiology Conferences, 2007–2015
- RSNA, Chicago, 2011
- Multiple national and institutional scientific meetings

Professional Development

- Electronic Learning (02/2014)
- SPSS Training (08/2014)
- Exams and Assessment (08/2021)
- Writing Skills (08/2021)
- Interstitial Lung Disease Management (04/2024)
- AI Applications in Education (12/2024)
- Bone Pathology Radiology Workshop (12/2024)
- Ethics in Research (02/2026)