

## **Liqaa Abdulridha Raffee, MD**

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Professor of Emergency Medicine

Vice Dean of Faculty of Medicine

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## **Biography**

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Dr. Liqaa A. Raffee is professor of Emergency Medicine at the Faculty of Medicine at Jordan University of Science and Technology. Dr. Liqaa graduated From the Faculty of Medicine at Kufa University in 2001, where she completed her residency program in Emergency Medicine at Jordan University of Science and Technology/King Abdullah University Hospital in 2007, alongside presenting as a Jordanian board-certified in Emergency Medicine. Subsequently, Dr. Liqaa received advanced clinical training in Trauma care for adults and pediatrics at Carl Gustav Carus University Hospital/Dresden University of Technology in Germany. In 2012, Dr. Liqaa started to work as a faculty member in the Department of Accident and Emergency Medicine, Faculty of Medicine, Jordan University of Science and Technology (JUST) till now, at the same time working as an Emergency/Trauma care consultant at King Abdullah University Hospital. In addition, Dr. Liqaa was appointed as chairperson of the Accident and Emergency Medicine Department on 1st September 2018 and remained in position until September of 2025. Dr. Liqaa is currently the Vice Dean of Faculty of Medicine at JUST.

## **Education**

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### **Fellow of Adult and Pediatric Trauma**

*July 2009 – July 2012*

Department of Trauma  
Faculty of Medicine, Dresden University of Technology, Germany  
Carl Gustav Carus University Hospital

### **Board Certificate in Emergency Medicine**

*September 2007*

Jordan Medical Council, Jordan

### **High Specialty Degree in Emergency Medicine**

*July 2004 – July 2007*

Department of Accident and Emergency Medicine  
Faculty of Higher Education  
Jordan University of Science and Technology, Jordan

### **General Practitioner Licensing Examination**

*September 2003*

Jordan Medical Council, Jordan

**Bachelor of Medicine and General Surgery***1995 – June 2001*

Faculty of Medicine  
Kufa University, Iraq

**Professional Experience**

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**Vice Dean of Faculty of Medicine***September 2025 – Present*

Faculty of Medicine  
Jordan University of Science & Technology, Irbid, Jordan

**Chairperson of the Department of Accident and Emergency Medicine***September 2018 – September 2025***Professor***July 2022 – Present*

Department of Accident and Emergency Medicine  
Faculty of Medicine  
Jordan University of Science & Technology, Irbid, Jordan

**Associate Professor***July 2018 – July 2022*

Department of Accident and Emergency Medicine  
Faculty of Medicine  
Jordan University of Science & Technology, Irbid, Jordan

**Assistant Professor***September 2012 – July 2018*

Department of Accident and Emergency Medicine  
Faculty of Medicine  
Jordan University of Science & Technology, Irbid, Jordan

**Emergency Medicine Program Director***September 2012 – September 2025*

Department of Accident and Emergency Medicine  
Faculty of Medicine  
Jordan University of Science & Technology, Irbid, Jordan

**Emergency Medicine Specialist***February 2009 – July 2009*

Department of Accident and Emergency Medicine  
Jordan University of Science & Technology, Irbid, Jordan

**Emergency Medicine Specialist***February 2008 – January 2009*

Department of Emergency Medicine  
Jordan University Hospital, Amman, Jordan

**Emergency Medicine Specialist***August 2007 – February 2008*

UNRWA Medical Centers, Irbid, Jordan

**Emergency Medicine Resident***July 2003 – July 2007*

Department of Accident and Emergency Medicine  
Faculty of Medicine  
Jordan University of Science & Technology, Irbid, Jordan

**Intern***2001 – 2003*

## Professional and Scientific Society Memberships

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<b>Jordan Medical Association</b>	<i>2001 – Present</i>
<b>Liaison for the Ambassador Program American College of Emergency Physicians</b>	<i>2016 – Present</i>
<b>Head of Scientific Committee of Jordanian Emergency Medicine Society for Jordan Medical Association</b>	<i>2021 – Present</i>
<b>Chairperson of the Scientific Committee for Emergency Medicine at Jordan Medical Council</b>	<i>2021 – Present</i>
<b>Vice Chairperson of the Scientific Committee for Pediatric Emergency at Arab Medical Council</b>	<i>2023 – Present</i>
<b>Vice President of Jordanian Emergency Medicine Society at Jordan Medical Association</b>	<i>2016 – 2021</i>
<b>Vice Chairperson of the Scientific Committee for Emergency Medicine at Jordan Medical Council</b>	<i>2016 – 2021</i>
<b>The European Society of Emergency Medicine</b>	<i>2009 – 2013</i>

## Continuing Education

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**1. Notarztkurs (Emergency Doctor course)**

Advanced course in Trauma and Emergency Medicine  
Berlin, Germany  
*July 2012*

**2. Advanced Emergency Ultrasound Course**

Turin, Italy  
*October 2015*

**3. European Congress on Emergency Medicine**

Turin, Italy  
*October 2015*

**4. American College of Emergency Physicians Scientific Assembly**

Las Vegas, USA  
*October 2016*

**5. 3<sup>rd</sup> International Paramedic Conference**

Faculty of Applied Medical Sciences at Jordan University of Science & Technology  
*November 2018*

**6. Emirates Society of Emergency Medicine Scientific Conference 17**

Dubai, UAE  
*December 2017*

- 7. Participated in scientific lectures aimed for training of emergency medicine residents in Jordan**  
Jordan Medical Association  
*July 2021*
- 8. Participated as Free Papers sessions moderator and paper presentation**  
First Jordanian Women Doctors Conference  
*November 2021*
- 9. Participated in the National Expert Meeting for Developing Road Map for Strengthening the Emergency Care System in Jordan**  
Ministry of Health in Collaboration with World Health Organization  
*November 2021*
- 10. Organize and participate as speaker in Point of Care of Ultrasound**  
Sonoschool (EPAT-Turkey) and Department of Accident and Emergency Medicine at Jordan University of Science & Technology  
*December 2021*

## Cooperative Activities

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1. Participated in the workshop for disaster management in Royal Medical Services at Amman, Jordan
2. Free medical day for management of children in orphan's institution in Irbid, Jordan
3. Establishment of Jordanian Emergency Medicine Society in October 2016
4. Participated in 'stop child abuse' workshop with medical students at Jordan University of Science & Technology in March 2018
5. Participated in workshop training of healthcare midwives from the Ministry of Health, primary health centers on pediatric BLS in collaboration with Australian Aid Program in Amman, Jordan
6. Organized and participated as a speaker in a scientific day, 'Emergency Response to COVID-19', organized by the Department of Accident and Emergency Medicine at Jordan University of Science & Technology in collaboration with International Executive Program in Emergency and Disaster Management in April 2022 in Amman, Jordan
7. Organized a workshop, 'Casting and Splinting: Principles and the Pitfalls', by the Jordanian Emergency Medicine Society on May 2022 in Amman, Jordan
8. Organizer and chairperson of the scientific committee of the 1<sup>st</sup> Jordanian International Emergency Medicine Conference on November 2022 in Amman, Jordan
9. Designated speaker at the 1<sup>st</sup> Jordanian International Emergency Medicine Conference on November 2022 in Amman, Jordan
10. Speaker at Global Network on Emergency Medicine Emirates Critical Care Conference Track on May 2023 in Dubai, UAE

11. Designated Speaker at 51<sup>st</sup> Jordan Society of Surgeon Conference on October 2023 in Amman, Jordan
12. Designated speaker at 3<sup>rd</sup> Jordanian Women Physician Conference on October 2023 in Amman, Jordan
13. Designated speaker at Emirates Society of Emergency Medicine Conference on December 2023 in Abu Dhabi, UAE

## Workshops Attended

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1. Statistical Package for Social Sciences. Academic Development and Quality assurance Center, Jordan University of Science & Technology. 2014
2. Modern University Instructional Methods. Academic Development and Quality assurance Center, Jordan University of Science & Technology. 2014
3. Statistical Data Analysis Using Minitab. Academic Development and Quality assurance Center, Jordan University of Science & Technology. 2018
4. Casting and Splinting: Principles and the Pitfalls by Jordanian Emergency Medicine Society. 2022
5. Organizing many workshops in advanced clinical training for the medical residents in cooperation with the Jordan Emergency Society from Jordan Medical Association

## Publications

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1. Isolated Retrodental Epidural Hematoma Without Dens Fracture, *Journal of Emergency Medicine* (2019).
2. Impact of COVID-19 lockdown on the incidence and patterns of toxic exposures and poisoning in Jordan: a retrospective descriptive study, *BMJ Open* (2021).
3. Effects of Elemental Mercury Vapor Inhalation on Arterial Blood Gases, Lung Histology, and Interleukin-1 Expression in Pulmonary Tissues of Rats, *The Scientific World Journal* (2021).
4. Depression, anxiety and insomnia among frontline healthcare workers amid the coronavirus pandemic (COVID-19) in Jordan: a cross-sectional study, *BMJ Open* (2022).
5. Successful Use of Neurovascular Plug for Embolization of Scalp Arteriovenous Fistula: A Novel Technique, *Journal Endovascular Therapy* (2021).

6. Lived experience of Jordanian front-line healthcare workers amid the COVID-19 pandemic: a qualitative study, *BMJ Open* (2022).
7. Ischemic stroke demographics, clinical features and scales and their correlations: an exploratory study from Jordan, *Future Science OA* (2022).
8. Predicting mortality and morbidity in emergency general surgery patients in a Jordanian Tertiary Medical Center: a retrospective validation study of the Emergency Surgery Score (ESS), *BMJ Open* (2022).
9. Clinical and electrocardiogram presentations of patients with high serum potassium concentrations within emergency settings: a prospective study, *International Journal of Emergency Medicine* (2022).
10. MicroRNA profiling in dogs undergoing induced ischemic heart infarction: An experimental study, *Veterinary World* (2023).
11. Validity of TIMI Risk Score and HEART Score for Risk Assessment of Patients with Unstable Angina/Non-ST Elevation Myocardial Infarction Presented to an Emergency Department in Jordan, *Open Access Emergency Medicine* (2023).
12. The Impact of Perceived Social Support During Pregnancy on Postpartum Infant-Focused Anxieties: A Prospective Cohort Study of Mothers in Northern Jordan, *The international Journal Women's Health* (2021).
13. Prevalence Estimates, Severity, and Risk Factors of Depressive Symptoms among Coronary Artery Disease Patients after Ten Days of Percutaneous Coronary Intervention, *Clinical Practice and Epidemiology in Mental Health* (2021).
14. Characterizing and Profiling microRNAs in Dogs Undergoing Induced Ischemic Brain Stroke After Middle Cerebral Artery Occlusion Under Fluoroscopic Guidance, *Journal Vascular Health and Risk Management* (2021).
15. Expressions of heat shock protein 90, inducible nitric oxide synthase, and vascular endothelial growth factor in the skin of diabetic rats, *Veterinary World Journal* (2021).
16. Child's Nervous System Ventriculo-femoro-caval shunt: a salvage surgery Ventriculo-femorocaval shunt: a salvage surgery, *Child's Nervous System* (2021).
17. Prevalence estimates of drug addiction among high-school students and its association with violence, and school behaviors: A cross-sectional study from Jordan, *Annals of Medicine and Surgery* (2021).
18. Effects of Elemental Mercury Vapor Inhalation on Arterial Blood Gases, Lung Histology, and Interleukine-1 Expression in Pulmonary Tissues of Rats, *Scientific World Journal* (2021).
19. The utility of brain CT scan modality in the management of dizziness at the emergency department: A retrospective single-center study, *Annals of Medicine and Surgery* (2021).
20. Nondysraphic spinal intramedullary lipoma: A rare case and management, *Turkish Archives of Pediatrics* (2021).

21. Large Outbreak of Coronavirus Disease among Wedding Attendees, Jordan, *Emerging Infectious Disease Journal* (2020).
22. Ganglioglioma of optic chiasma: A case report and review of literature, *Surgical Neurology International* (2020).
23. Prevalence, Clinical Characteristics, and Risk Among Patients with Ischemic Heart Disease in the Young Jordanian Population, *Open Access Emergency Medicine* (2020).
24. A snapshot of Ischemic stroke risk factors, sub-types, and its epidemiology: Cohort study, *Annals of Medicine and Surgery* (2020).
25. An observational study of the occurrence of acute coronary syndrome (ACS) among Jordanian patients: identifying the influence of Ramadan Fasting, *Annals of Medicine and Surgery* (2020).
26. Diaphragmatic Lipoma in a Woman with Rheumatoid Arthritis: A Case Report and Literature Review, *American Journal of Case report* (2020).
27. COVID-19 outbreak in Jordan: Epidemiological features, clinical characteristics, and laboratory findings, *Annals of Medicine and Surgery* (2020).
28. Knowledge and attitudes toward infant BLS among babysitters and nursemaids working in rural northwest Jordan, *Journal of Emergency Medicine, Trauma and Acute Care* (2020).
29. Acute Cord Reperfusion Injury After Posterior Cervical Decompression for Chronic Posterior Longitudinal Ligament Ossification Stenosis, *Journal of Turkish Spinal Surgery* (2020).
30. Delayed Supratentorial Intracerebral Hemorrhage After Posterior Fossa Acoustic Neuroma Surgery, *The Journal of craniofacial surgery* (2020).
31. Pre-Surgical Endovascular Proximal Feeder Artery Devascularization Technique for the Treatment of Cranial Arteriovenous Malformations, *Vascular Health and Risk Management* (2020).
32. Endoscopic Intraventricular Atrial Adhesiolysis for the Treatment of Entrapped Temporal Horn after Intraventricular Tumor Surgery, *Journal of Neurosciences in Rural Practice* (2020).
33. Relationship Between Initial Arterial Blood Gases and Coagulation Profiles – Analyzing the Prognosis and Outcomes in Patients with Multiple Injuries/Trauma, *Open Access Emergency Medicine* (2020).
34. Successful and Complete Recovery of the Ulnar Nerve After Eight Years of Chronic Injury Through Local Steroid Injections: A Case Report, *Pain and Therapy Journal* (2020).
35. Utility of leucocytes, inflammatory markers and pancreatic enzymes as indicators of gangrenous cholecystitis, *Postgraduate Medical Journal* (2019).
36. Modified Bilateral Pi Craniectomy Technique for Reduction Cranioplasty: Novel Technique, *Journal of Craniofacial Surgery* (2019).
37. Clivus Intiaosseous Meningioma Mimicking Choïdoma, *Journal of Craniofacial Surgery* (2019).

38. Scalp Arteriovenous Malformation Resection With Novel Technique of Endovascular and Surgical Devascularization, *Journal of Craniofacial Surgery* (2019).
39. The Impact of Exposure to Medical Radiation on Lead (Pb+2) and Thyroid Function Test, *Research Journal of Medical Science* (2018).
40. Association of Vitamin D Level with Children Fractures: A Prospective Cohort Study, *Research Journal of Medical Science* (2018).
41. Final Year Dental Students' Perception of Knowledge, Training and Competence in Medical Emergency Management. *Global Journal of Health Science* (2018).
42. Common Factors Associated With Child Deaths, at a Tertiary Care Centre in Irbid Government, Jordan, *International Journal of Pediatrics* (2018).
43. Asymptomatic Effect of Occupational Radiation Exposure on Thyroid Gland Hormones and Thyroid Gland Ultrasonographic Abnormalities, *Journal of Clinical Medicine* (2018).
44. Incidence, characteristics, and survival trend of cardiopulmonary resuscitation following inhospital compared to out-of-hospital cardiac arrest in Northern Jordan. *Indian Journal of Critical Care Medicine. India* (2017).
45. Delayed Endovascular Stenting of Right Subclavian Artery Pseudoaneurysm Caused by Gunshot Accident in a Syrian Refugee: A Case Report. *American Journal of vascular and endovascular surgery* (2017).
46. Association of Vitamin D Level with Children Fractures: A Prospective Cohort Study, *Journal of Annals of Medicine and Surgery* (2017).
47. Overexpression of HSP90 in Skin of Diabetic Rats Impacts Wound Healing Process. *Research Journal of Biological Science* (2016).
48. Assessment of genotoxicity of vincristine, vinblastine and vinorelbine in human cultured lymphocytes: a comparative study. *Balkan Journal of Medical Genetics* (2016).
49. The Role of Heat Shock Protein 90 in Human Reproduction. *Research Journal of Biological Sciences* (2014).
50. Analysis of Patients Presenting to Referral Emergency Department with Carbon Monoxide Poisoning in Jordan, *Research Journal of Medical Sciences* (2017).