

Curriculum Vitae



Prof. Dr. Ula Mohammed Ridha Al-Kawaz

Professor of Urology and Andrology · Dean of the High Institute of Infertility Diagnosis and Assisted Reproductive Technologies, Al-Nahrain University

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Date and place of birth: 9 February 1975, Baghdad, Iraq

Work address: High Institute of Infertility Diagnosis and Assisted Reproductive Technologies, Al-Nahrain University; Al-Kadhimiya Teaching Hospital, P.O. Box 14222, Baghdad, Iraq

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Years of service: Since October 1999 (27 years as of October 2026)

Research Profiles

Profile	Link
ORCID	orcid.org/0000-0003-3998-2665
Scopus (Author ID 39361147100)	scopus.com/authid/detail.uri?authorId=39361147100
Google Scholar	scholar.google.com/citations?user=fhP2ZjsAAAAJ
Publons / Web of Science	publons.com/researcher/1709876/ula-al-kawaz
ResearchGate	researchgate.net/profile/Ula-Al-Kawaz

Current Positions

Position	Institution	Since
Dean	High Institute of Infertility Diagnosis and Assisted	2023 – present

Position	Institution	Since
Professor of Urology	Reproductive Technologies, Al-Nahrain University	2017 – present
Program Director, Iraqi Fellowship of Andrology	Al-Nahrain University – High Institute of Infertility Diagnosis and ART, and College of Medicine	2020 – present
Program Director, Iraqi Board of Urology	Iraqi Board for Medical Specializations	2013 – present
Member, Urology Consultation Committee	Al-Nahrain Center of Urology	2012 – present
Consultant Urologist	Iraqi Ministry of Health	2006 – present
	Imamain Kadhimain Medical City (Al-Kadhimiya Teaching Hospital)	

Career and Academic Progression

Period	Position
2023 – present	Dean, High Institute of Infertility Diagnosis and Assisted Reproductive Technologies, Al-Nahrain University (second term)
2017 – present	Professor of Urology, Al-Nahrain University
29 Sep 2013 – 6 Nov 2019	Dean, High Institute of Infertility Diagnosis and Assisted Reproductive Technologies, Al-Nahrain University (first term)
18 Jul 2010	Associate Professor of Urology, Department of Surgery, Al-Nahrain College of Medicine; practising urologist at Al-Kadhimiya Teaching Hospital
17 Jul 2007	Lecturer, Department of Surgery, Al-Nahrain College of Medicine
2006 – present	Consultant Urologist, Al-Kadhimiya Teaching Hospital
2002 – 2006	Senior House Officer in Urology and Renal Transplantation, Al-Karama Teaching Hospital, under Dr. Shawqi Gazala (FRCS)
2001 – 2002	Senior House Officer in General Surgery, Al-Hilla Teaching Hospital, under Dr. Abd Alghani Al-Dabbagh (FRCS)
Oct 1999 – 2001	House Officer, Al-Kadhimiya Teaching

Period	Position
	Hospital (first appointment)

Qualifications

Year	Qualification
2017	Professor of Urology
6 Jun 2009	Fellow of the European Board of Urology (FEBU)
16 Nov 2006	Fellow of the Iraqi Board for Medical Specializations – Urology (FIBMS)
Jun 1999	M.B.Ch.B., College of Medicine, Al-Nahrain University

Iraqi Board of Urology (2001 – 2006)

Five-year training programme started on 2 November 2001.

- **Year 1 (2001–2002):** General Surgery, Al-Hilla Teaching Hospital; passed the primary examination in basic medical sciences and principles of surgery.
- **Years 2–5 (2002–2006):** Urology and Renal Transplantation, Al-Karama Teaching Hospital.
- **Thesis:** *Lymph node metastasis in patients with bladder tumour: a comparison between operative findings in radical cystectomy and MRI study* — accepted by the Council of Urology.
- Passed the final examination and awarded the Fellowship on 16 November 2006.

European Board of Urology

- In-Service Assessment, March 2006: **ranked first of 699 candidates**.
- Written examination passed 21 November 2007; final examination passed 6 June 2009.

Further Training

- Three-month urology training course, Istanbul, Turkey (2010), sponsored by the European Association of Urology.

Teaching and Training Roles

- Trainer, Arab Board of Urology — since 2008
- Trainer, Iraqi Board of Urology — since January 2013
- Program Director, Iraqi Board of Urology, Al-Nahrain Center of Urology — since 2013
- Program Director, Iraqi Fellowship of Andrology — since 2020

Committees and Memberships

- Member, Urology Consultation Committee, Iraqi Ministry of Health — since 2012
- Member, Iraqi Association of Urology — since 2004
- Member, European Association of Urology (EAU) — since 2006

Conferences and Scientific Meetings

- EAU Annual Congress — regular attendee since 2015
- South Eastern European Meeting in Urology, Istanbul — 2010
- Annual Meeting of the Iraqi Association of Urology — 2002–2012
- Annual Meeting of Al-Nahrain College of Medicine — 2002–2013
- 36th Conference of the Iraqi Medical Association — 2001

Publications (78 articles, 2 conference abstracts)

Listed by field, most recent first.

Clinical Urology

1. HH Ali, UM Al-Kawaz. The efficacy of sheathless retrograde intrarenal surgery (RIRS) in renal stones management. *Iraqi Journal of Medical Sciences* 2026;24(1):188–195.
2. H Abd-Alhassan, U Al-Kawaz. Which is better? Guy's versus STONE nephrolithometry scoring systems in predicting the outcomes of ultrasound-guided percutaneous nephrolithotomy (PCNL). *Iraqi Postgraduate Medical Journal* 2021;21(2):8.
3. UMR Al-Kawaz, HAH Ahmed. Preoperative staging of renal cell carcinoma: spiral CT versus pathological considerations. *Iraqi Journal of Medical Sciences* 2010;8(4).
4. Redo hypospadias surgery: experience with 27 patients with prior distal or proximal hypospadias repair failure. *Iraqi Journal of Medical Sciences* 2009;7(3):88–93.
5. Urethral diverticulum after endoscopic urethrotomy: case report. *Iraqi Journal of Medical Sciences* 2009;7(3):107–109.
6. Lifetime incontinence due to ectopic ureter with hypoplastic dysplastic kidney in a 22-year-old woman: case report. *Iraqi Journal of Medical Sciences* 2009;7(4):73–74.

Andrology and Male Infertility

7. Global Andrology Forum (A Agarwal, ... UM Alkawaz, et al.). Global Andrology Forum clinical guidelines on antioxidant use in the treatment of male infertility. *The World Journal of Men's Health* 2026;44:e3. doi:10.5534/wjmh.250290
8. M Ismail, R Al-Saadi, U Al-Kawaz. Serum and seminal plasma monosodium glutamate levels and BMI in infertile men. *Al-Iraqia Medical College Journal* 2026;3(2):1–12. doi:10.58564/AIMCJ3.2.2026.243
9. GF Faisal, RT Yaseen, TM Abdul-Saheb, SA Burhan, UM Alkawaz. Comparing blood serum and seminal plasma stem cell factor concentrations in non-obstructive azoospermic and oligospermic individuals. *International Journal of Women's Health and Reproduction Sciences* 2026;14(3):141–147. doi:10.15296/ijwhr.2026.6073

10. AJ Mawlood, AA Mohammed, UM Al-Kawaz. The correlation of afamin and vitamin E levels in seminal plasma with seminal fluid characteristics and DNA maturation index in infertile males: a cross-sectional study. *Journal of Obstetrics, Gynecology and Cancer Research* 2025:e733178.
11. A Rambhatla, R Shah, I Ziouziou, ... U Al-Kawaz, et al. Global practice patterns and variations in the medical and surgical management of non-obstructive azoospermia: results of a world-wide survey, guidelines and expert recommendations. *The World Journal of Men's Health* 2025;43(1):92. doi:10.5534/wjmh.230339
12. R Shah, A Rambhatla, W Atmoko, ... U Al-Kawaz, et al. Global practice patterns in the evaluation of non-obstructive azoospermia: results of a world-wide survey and expert recommendations. *The World Journal of Men's Health* 2024;42(4):727. doi:10.5534/wjmh.230333
13. EB Fadhil, MM Mohammed, UM Alkawaz. Impact of coenzyme Q10 as an adjuvant therapy to letrozole on spermiogram results and sex hormone levels in Iraqi men with infertility: randomized open-label comparative study. *F1000Research* 2024;12:1093. doi:10.12688/f1000research.131985.3
14. MA Dawood, AM Al-Shuwaikh, UM Al-Kawaz. The association of reactive oxygen species with high-risk human papilloma virus infection and some sperm parameters in a sample of Iraqi idiopathic infertile males. *Iraqi Journal of Medical Sciences* 2024;22(1).
15. MA Dawood, AMA Al-Shuwaikh, U Al-Kawaz. Detection of high-risk human papilloma virus in males with idiopathic infertility and impact on sperm parameters. *Medical Journal of Babylon* 2024.
16. MM Hussein, U Al-Kawaz, EA Alwasiti, HA Mossa. Evaluation of seminal plasma chitotriosidase-1 levels in a sample of Iraqi oligoasthenoteratozoospermic infertile men with and without varicocele. *Pakistan Journal of Life and Social Sciences* 2024;22(1).
17. LK Radeef, AI Rahim, U Al-Kawaz. The association of age and body mass index with salivary stress biomarkers (alpha-amylase and cortisol) in infertile men: a cross-sectional study. *Iraqi Journal of Embryos and Infertility Researches* 2024;14(2):1–16.
18. FM Kadhum, AI Rahim, U Al-Kawaz. Serum miRNAs as potential diagnostic biomarkers for non-obstructive azoospermia. *Journal of Angiotherapy* 2024;8(4):1–5.
19. RRA Saadi, U Al-Kawaz, AI Rahim, RH Farhan. The positive effect of autologous platelet-rich plasma testicular therapy in infertile men with non-obstructive azoospermia. *Journal of Kut University* 2024:532–542.
20. NA Kamal, U Al-Kawaz, RR Al-Saadi. Using autologous platelet-rich plasma in human seminal fluid cryopreservation technique. *Obstetrics & Gynaecology Forum* 2024;34(3).
21. EB Fadhil, MM Mohammed, UM Alkawaz. Influence of letrozole and CoQ10 on sex hormones and spermiogram in infertile men: a sample of Iraqi patients. *Al-Mustansiriyah Journal of Pharmaceutical Sciences* 2023;23(3):345–354.
22. A Al-Tameemi, AI Rahim, U Al-Kawaz. Role of repeating testicular sperm extraction on sperm recovery using combined enzymatic and mechanical methods in non-obstructive azoospermic men. *Iraqi Journal of Embryos and Infertility Researches* 2023;13(1):86.
23. HA Ali, U Al-Kawaz, WA Abdulhamed. The role of sperm DNA integrity in seminal plasma of infertile men. *Iraqi Journal of Embryos and Infertility Researches* 2023;13(1):34.

24. SH Salih, AI Rahim, U Al-Kawaz. The correlation of intratesticular testosterone with body mass index and smoking. *Iraqi Journal of Embryos and Infertility Researches* 2023;13(2):16.
25. A Luay Kamil, UM Al-Kawaz, EM Al-Essawe. Gonadotropin and sex steroid hormones in males with post COVID-19 infection. *Wiadomości Lekarskie* 2022;75(9 pt 2):2222–2225. doi:10.36740/WLek202209208
26. RH Farhan, U Al-Kawaz, RRA Saadi. Effects of PRP intratesticular injection in non-obstructive azoospermic infertile men on spermatogenesis and reproductive hormonal levels (FSH and LH). *Iraqi Journal of Embryos and Infertility Researches* 2022;12(1):86–93.
27. DA Hamdan, AI Rahim, UMR Al-Kawaz. In vitro study of the effect of adding autologous platelet-rich plasma (PRP) to human semen on sperm DNA integrity. *Iraqi Journal of Embryos and Infertility Researches* 2021;11(2):90–100.
28. DA Hamdan, AI Rahim, UM Al-Kawaz. Studying the effect of adding autologous platelet-rich plasma to human semen on sperm motility. *Annals of the Romanian Society for Cell Biology* 2021;25(6).
29. NJ Ma'alla, AI Rahim, UM Al-Kawaz. Comparison of semen parameters prepared by swim-up technique between adding autologous platelet-rich plasma and phosphate buffer saline to human semen. *Iraqi Journal of Embryos and Infertility Researches* 2021;11(1):13–22.
30. HAL Mossa, EN Ali, UMR Al-Kawaz. The new approach of hyaluronic binding assay in relevance to sperm activation by direct swim-up technique in infertile men with asthenozoospermia. *Thi-Qar Medical Journal* 2021;21(1):27–33.
31. A Luay, EM Al-Essawe, U Al-Kawaz. Prevalence of erectile dysfunction in males post COVID-19 infection. *Iraqi Journal of Embryos and Infertility Researches* 2021;11(1):89–98.
32. AA Ali, OF Abdul-Rasheed, U Al-Kawaz. The impact of luteinizing hormone/chorionic gonadotropin hormone receptor gene polymorphism rs68073206 in men with non-obstructive azoospermia: a case-control study. *Open Access Macedonian Journal of Medical Sciences* 2021.
33. AR Ali, O Abdul-Rasheed, U Al-Kawaz. Follicle-stimulating hormone (FSH) receptor gene polymorphisms in Iraqi patients with non-obstructive azoospermia. *Baghdad Journal of Biochemistry and Applied Biological Sciences* 2021;2(4):187–202.
34. A Abdulkhaleq, U Al-Kawaz. Correlation between post-tamoxifen hormonal changes and seminal fluid analysis parameters improvement. *Iraqi Journal of Embryos and Infertility Researches* 2020;10(2):1–13.
35. HKK Al-Dulaimy, H Al-Mossa, U Al-Kawaz. Evaluation of the clinical role of testis expressed protein 101 (TEX101) and extracellular matrix protein 1 (ECM1) as novel predictive markers in relevance to testicular sperm... *BioMed Research Journal* 2020;4(1):186–194.
36. AY Hassan, AI Rahim, UM Al-Kawaz. Twenty-four-hour sperm survival test after sperm preparation with and without pentoxifylline. *EurAsian Journal of BioSciences* 2020;14(2):6503–6506.
37. LM Salam, AI Rahim, UM Al-Kawaz. Which matters in centrifugation-based reactive oxygen species (ROS) production: force or time? *EurAsian Journal of BioSciences* 2020;14(2):6405–6408.

38. EN Ali, HAL Mossa, UMR Al-Kawaz. The new approach of hyaluronic binding assay in relevance to sperm activation by direct swim-up technique in Iraqi infertile men. *Iraqi Journal of Embryos and Infertility Researches* 2019;9(1):15–31.
39. HK Kadhém, HAL Mossa, UMR Al-Kawaz. Clinical role of follicle stimulating hormone, luteinizing hormone and testosterone as predictive markers of sperm yield by testicular biopsy in azoospermic patients. *Iraqi Journal of Embryos and Infertility Researches* 2019;9(1):32.
40. NA Younis, HF Ghazi, UA Al-Kawaz, HK Kadhém. Association of seminal plasma level of NLRP3 inflammasome protein with quality of seminal fluid parameters among infertile men. *Iraqi Journal of Embryos and Infertility Researches* 2018.
41. LA Al-Anbary, TM Al-Taay, UM Al-Kawaz. Evaluation of inhibin B and FSH in serum and seminal plasma in different groups of infertile men. *International Journal of Advanced Research* 2017;5(10):1965–1975.
42. HH Oraibi, HAL Mossa, UM Al-Kawaz. Study of theophylline role in sperm selection for intracytoplasmic sperm injection (ICSI) in men with non-obstructive azoospermia. *Journal of Pharmaceutical Sciences and Research* 2017;9(11):2286–2290.
43. HH Oraibi, HAL Mossa, UM Al-Kawaz, NS Madeed. Evaluation of the role of theophylline in sperm selection for intracytoplasmic sperm injection (ICSI) in men with obstructive azoospermia. 2017.
44. HF Wassef, NK Al-Ani, UM Al-Kawaz. Estimation of aromatase enzyme in obese infertile men in correlation with sex hormones and BMI. *Iraqi Journal of Embryos and Infertility Researches* 2017;7(1):62–70.
45. UM Al-Kawaz, NK Al-Ani, HF Wassef. Estimation of aromatase enzyme in obese infertile men. *Iraqi Journal of Embryos and Infertility Researches* 2016;6(1):22.
46. UM Al-Kawaz, NK Al-Ani, HF Wassef. Estimation of aromatase enzyme in obese infertile men. *International Journal of Research and Development in Pharmacy & Life Sciences* 2015.
47. Immunohistochemical expression of MCL-1 in testicular biopsy of patients with azoospermia. *International Journal of Advanced Research* 2016;4(10):1759–1767.
48. EN Ali, UMR Al-Kawaz, MBMR Fakhrildin. A new sperm preparation technique by combination of density gradient centrifugation and glass wool filtration versus each one alone for infertile men with asthenozoospermia. *International Journal of Advanced Research* 2016;4(4):1112–1115.
49. HE Abdulla, AS Abood, HS Kadhém, NM Al-Bashier, U Al-Kawaz. The impact of toxoplasmosis on seminal fluid analysis in association with infertility. *International Journal of Scientific & Engineering Research* 2016;7(5):70–73.
50. HE Abdulla, NM Al-Bashier, U Al-Kawaz, AMA Al-Shuwaikh, AS Abood. Cross-sectional study of infertile males with toxoplasmosis in Baghdad province. *International Journal of Scientific & Engineering Research* 2015;6(1):254.
51. U Al-Nasiri, UM Al-Kawaz, MA Hussein. Hormonal levels, semen parameters and presence of antisperm antibodies in patients treated for testicular torsion. *The New Iraqi Journal of Medicine* 2010;6(2):40–45.
52. Effects of ghrelin and resistin hormones on semen quality in obese males. *Muthanna Medical Journal*.

53. U Al-Kawaz, et al. Effect of stress measured by salivary stress biomarkers on the sperm parameters of Iraqi infertile men.
54. AA Abdulwahhab, R Mohammed, UM Al-Kawaz. N-acetyl cysteine (NAC) effect on hyperviscosity of seminal fluid in a sample of Iraqi infertile men.

Female Infertility and Assisted Reproduction

55. MS Kaiss, T Husamuldeen, LA Al-Anbari, U Al-Kawaz. Follicular fat-soluble vitamins as markers of oocyte competency. *International Journal of Clinical Obstetrics and Gynaecology* 2025.
56. NM Jaralla, AM Al-Turaihi, U Alkawaz, HAL Mossa. Antimüllerian hormone association with polycystic ovary syndrome and pregnancy outcomes of in vitro fertilization cycles with fresh embryo transfer. *Journal of Obstetrics, Gynecology and Cancer Research* 2024;9(4):435–441.
57. AA Kadhim, TH Abdulla, UM Alkawaz. Using progesterone to follicular index ratio is better correlated with intracytoplasmic sperm injection outcome than using serum progesterone level alone. *Ginekologia Polska* 2024;95(7):525–530. doi:10.5603/GP.a2023.0031
58. AI Jaafar, B Alghazali, U Alkawaz. Evaluation of the effect of methods of insemination (ICSI versus conventional IVF) in the IVF-PGD cycle on the incidence of chromosomal abnormalities. 2022.
59. YF Zamil, U Al-Kawaz. Comparison of pregnancy rates after ICSI using fresh versus cryopreserved sperm. *Iraqi Journal of Embryos and Infertility Researches* 2022;12(2):81.
60. WF Sanad, TH Abdulla, U Al-Kawaz. Human chorionic gonadotrophin level on days 7, 10 and 14 post-embryo transfer following day 3 embryo transfer can predict clinical pregnancy in both fresh and frozen cycles. *Pakistan Journal of Medical & Health Sciences* 2020.
61. GF Faisal, UMR Al-Kawaz, LA Al-Anbari, HAR Hussaini. Evaluation of stem cell factor level in embryo culture media and its effect on embryo quality and ICSI outcome. *Iraqi Journal of Embryos and Infertility Researches* 2020.
62. GF Faisal, UMR Al-Kawaz, LA Al-Anbari, HAR Hussaini. Evaluation of the level of stem cell factor in follicular fluid and its effect on oocyte maturity, embryo quality and pregnancy rate. *Iraqi Journal of Embryos and Infertility Researches* 2019;9(2):65–77.
63. KM Abdul-Hameed, UMR Al-Kawaz, NM Al-Hilli, MO Selman. Early and short follicular GnRH antagonist (sandwich) protocol versus conventional GnRH antagonist protocol in normal responders and poor responders. *Iraqi Journal of Embryos and Infertility Researches* 2019;9(1):68–88.
64. MA Jwad, B Abbas, U Al-Kawaz. Comparison between effect of long agonist and antagonist protocols on micro-RNA-320 level in follicular fluid during IVF-ICSI. *International Journal of Advanced Research* 2018.
65. AI Rahim, UM Al-Kawaz, TH Abdulla. Although late but the first: an Iraqi success in human embryo cryopreservation using vitrification and the factors affecting the pregnancy rate — cross-sectional study. *Iraqi Journal of Embryos and Infertility Researches* 2018;8(1):10.

66. MA Jwad, BA Abdulmajeed, UM Al-Kawaz. Effect of ovarian stimulation protocol on embryo quality in IVF-ICSI. *Iraqi Journal of Embryos and Infertility Researches* 2018;8(1):55.
67. Effect of age and duration of infertility on levels of interleukin-18 and correlation to pregnancy rate for women undergoing ICSI program. *World Journal of Pharmaceutical Research* 2018;7(1):131–138.
68. HM Muhammed, MBMR Fakhridin, U Al-Kawaz. Effect of age and duration of infertility on levels of interleukin-6 and correlation to pregnancy rate for women undergoing ICSI program. *World Journal of Pharmaceutical Research* 2018;7(1):123–130.
69. The effect of different ovarian stimulation protocols on vascular endothelial growth factor (VEGF) concentration in the serum and follicular fluid of women with PCOS undergoing ICSI/IVF. *International Journal of Advanced Research* 2017;5(10):1691–1699.
70. The effect of different ovarian stimulation protocols on multifunctional fetuin-A concentration in the serum and follicular fluid of women with PCOS undergoing ICSI/IVF. *International Journal of Advanced Research* 2017;5(9):1012–1019.
71. BJ Qasim, SA Shukry, M Qassim, U Al-Kawaz. Embryo grading and pregnancy outcome in women of patients with azoospermia following ICSI. *Iraqi Journal of Embryos and Infertility Researches* 2016.

Experimental and Basic Science

72. RA Al-Saadi, TM Abdul-Saheb, B Thabit, NK Flayyih, U Al-Kawaz. Hepatotoxic effects of sildenafil-containing “Tiger King” herbal supplement in a rat model: an in vitro and in vivo study. *Journal of Associated Medical Sciences* 2025.
73. S Alshattawi, EF Al-Jumaili, U Al-Kawaz. Pin1 gene expression and some biochemical parameters in an Iraqi population with chronic kidney disease. 2024.
74. M Oda Selman, U Al-Kawaz, AH Shyaa, AM Suhail. Effects of finasteride on prostate gland weight, spermatogenesis and fertility in mice. *Merit Research Journal of Medicine and Medical Sciences* 2019;7:217–222.
75. AK Al-Asadi, MF Al-Habib, UM Al-Kawaz, MO Selman, IM Al-Ani. Morphometric study of changes in GAD65-expressing beta cell mass in the islets of Langerhans in pregnant mice. *IIUM Medical Journal Malaysia* 2018;17(2).
76. Histological study on kidney affected by carbamazepine drug in postnatal rat. *World Journal of Pharmaceutical Research* 2016;5(11):205–219.
77. AK Al-Asadi, MF Al-Habib, UM Al-Kawaz. Histomorphometrical study of pregnancy-induced changes in the islets of Langerhans. *World Journal of Pharmaceutical Research* 2016;5(11):340–350.
78. NK Al-Ani, U Al-Kawaz, BT Saeed. Protective influence of zinc on reproductive parameters in male rats treated with cadmium. *American Journal of Medicine and Medical Sciences* 2015;5(2):73–81.

Conference Presentations

79. A Luay, U Al-Kawaz, E Mohsin. O-253: Impact of COVID-19 infection on male seminal and hormonal parameters. *Human Reproduction* 2022;37(Suppl 1):deac106.035 (ESHRE annual meeting).

80. NA Younis, HF Ghazi, U Al-Kawaz. Development and validation of NLRP3 immunochromatography assay as an indicator for inflammation and bad seminal quality. Conference paper, 2022.