

Esraa Abdulkareem Mohammed

Professor · Department of Obstetrics & Gynecology · Head of the Continuing Education Unit

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Academic Profile

Academic rank
Professor

Highest degree
Board Certification

General specialty
General Medicine and Surgery

Subspecialty
Gynecology and Obstetrics

Department
Obstetrics & Gynecology

Year joined the college
2006

Academic profiles

Google Scholar
scholar.google.com/citations?user=IXDKqjwAA...

ORCID
orcid.org/0000-0002-8425-6040

Scopus
scopus.com/authid/detail.uri?authorId=57207...

ResearchGate
researchgate.net/profile/EsraaAbdulkareemMo...

Web of Science
webofscience.com/wos/author/record/JFA-7489...

Professor and Consultant in Gynecology and Obstetrics Trainer and Supervisor of Iraqi Board Trainees in Obstetrics and Gynecology at the Kirkuk Training Center.

Research interests General Medicine and Surgery Gynecology and Obstetrics

Education 2

2010	**Iraqi & Arabic Board in Gynecology and Obstetrics** — Iraqi Board for Medical Specializations / Arab Board of Health Specialization — Iraq / Syria
2003	**MBChB** — Al-Mustansiriyah University — Iraq

Academic Ranks 3

2024	**Professor** — College of Medicine - University of Kirkuk
2018	**Assistant Professor** — College of Medicine - University of Kirkuk
2011	**Lecturer** — College of Medicine - University of Kirkuk

Professional & Clinical Experience 2

2020	**Consultant Gynecologist & Obstetrician** — Azadi Teaching Hospital — to present
2011	**Specialist Gynecologist and Obstetrician** — Azadi Teaching Hospital — to 2020

Administrative Positions 3

2026	**Head of the Continuing Education Unit** — College of Medicine - University of Kirkuk — to present
2018	**Head of Department of Gynecology & Obstetrics** — College of Medicine - University of Kirkuk — to 2024
2011	**Coordinator of Department of Gynecology & Obstetrics** — College of Medicine - University of Kirkuk — to 2015

Teaching — Undergraduate 3

	Gynecology & Obstetrics
	Gynecology
	Obstetrics

Doctoral & Board Supervision 6

2026	**The use of serum calponin 2 as a biomarker in tubal ectopic pregnancy: a case-control study** — Perihan Khaleel Rafeeq — Completed
2026	**Evaluation of Soluble FMS-like Tyrosine Kinase-1 as a Biomarker in First Trimester Missed Miscarriage** — Alaa Shamil Muhammad Salih — Completed
2026	**Evaluation of Serum Sestrin-2 Levels as a Metabolic Biomarker in Women with Polycystic Ovarian Syndrome** — Pinar Abbas Abdullah — In progress
2025	**Clinical Importance of Serum BDNF (Brain Derived Neurotrophic Factor) Level for the Management of Pregnancies Complicated with Meconium-Stained Amniotic Fluid** — Firdaws Midhat Jihad — Completed

2023	**Significance of Maternal Serum Pentraxin-3 Level in Assessment of Severity of Pre-eclampsia and Its Effect on Neonatal Outcome** — Noor Mohammed Haseeb — Completed
2023	**Evaluation of Serum Galectin- 3 Levels in Preeclampsia at Term** — Sumaya Q. Muhammed — Completed

Publications 26

#	Research title	Year
1	**The use of serum calponin 2 as a biomarker in tubal ectopic pregnancy: a case-control study** Perihan Khaleel Rafeeq , Esraa Abdulkareem Mohammed. *International journal of Nutrology* · 19(3):1-9 · [Scopus] https://ijn.zotarellifilhoscientificworks.com/index.php/ijn/article/view/667	2026
2	**Evaluation of Soluble FMS-like Tyrosine Kinase-1 as a Biomarker in First Trimester Missed Miscarriage** Alaa Shamil Muhammad Salih, Esraa Abdulkareem Mohammed. *Al-Anbar Medical Journal* · 22(4):238-244 · [Scopus] http://doi.org/10.33091/amj.2026.170311.2630	2026
3	**Beyond Headache: Migraine in Pregnancy and Its Obstetric–Vascular Consequences** Mufeed Akram Taha, Esraa Abdulkareem Mohammed. *Kirkuk Journal of Medical Sciences* · 14(1):1-4 · [Scopus] https://kjms.uokirkuk.edu.iq/article_190945_e682ba38c878c45998d6f7895700c422.pdf	2026
4	**Maternal polycystic ovary syndrome and the risk of neurodevelopmental disorders in preterm neonates** Noorjan Abdullah Muhammed, Mufeed Akram Taha, Esraa Abdulkareem Mohammed, Wassan Nori. *Pediatric Endocrinology Diabetes Metabolism* · 32(2):1-6 · [Scopus, PubMed] https://www.termedia.pl/Journal/-138/pdf-57952-10?filename=0426_Maternal%20polycystic.pdf	2026
5	**Impact of Active Helicobacter Pylori Infection on Disability and Relapses in Multiple Sclerosis** Sahar A. Taha, Iman Nozad Mahmood, Mufeed Akram Taha, Esraa Abdulkareem Mohammed. *Baghdad Journal of Biochemistry and Applied Biological Sciences* · 7(2):97-101 · [مجلة محلية] https://bjbabs.org/index.php/bjbabs/article/view/445	2026
6	**Migraine and Multiple Sclerosis Across the Female Reproductive Lifespan: Insights for the Obstetrician-Gynecologist and Neurologists: A narrative review** Mufeed Akram Taha, Esraa Abdulkareem Mohammed, Wassan Nori. *The Open Public Health Journal* · 19:1-12 · [Scopus] https://www.openpublichealthjournal.com/VOLUME/19/ELOCATOR/e18749445425571/FULLTEXT/	2026
7	**The Effects of Mode of Delivery on 5-Minute APGAR Score and Neonatal Outcomes: A Cross-sectional Study in Kirkuk** Esraa Abdulkareem Mohammed,Mufeed Akram Taha. *Al-Rafidain Journal of Medical Sciences* · 10(1):170-179 · [Scopus] https://ajms.iq/index.php/ALRAFIDAIN/article/view/2710	2026
8	**Artificial Intelligence for Brain MRI Diagnosis: A Scoping Review and Evidence-Gap Map Across Neurological Diseases** Shlair Ibrahim Mohammed, Mufeed Taha, Ahmed J Allami, Esraa Abdulkareem Mohammed, Razaw Omer Ibrahim. *Current Medical Imaging* · [PubMed, Scopus] https://pubmed.ncbi.nlm.nih.gov/43012281/	2026
9	**Clinical Importance of Serum BDNF (Brain Derived Neurotrophic Factor) Level for the Management of Pregnancies Complicated with Meconium-Stained Amniotic Fluid** Fridaws Midhat Jihad, Esraa Abdulkareem Mohammed. *Diyala Journal of Medicine* · 29(2):97-109 · [مجلة محلية] https://djm.uodiyala.edu.iq/index.php/djm/article/view/1578	2025

#	Research title	Year
10	**Reducing Intraoperative Bleeding in Fibroid Surgery and Cesarean Myomectomy: From Traditional to Innovative Approach - A Review** Wassan Nori, Zeena Raad Helmi , Rafal M. Murshid , Esraa Abdulkareem Mohammed , Mufeed Akram Taha. *Clinical and Experimental Obstetrics and Gynecology* · 52(11):1-11 · [Scopus, Web of Science] https://www.imrpress.com/journal/ceog/52/11/10.31083/CEOG43924	**2025**
11	**Pentraxin-3 Level Assessment Among Ischemic Stroke Patients with Polycystic Ovarian Syndrome** Mufeed Akram Taha , Sahar A. Taha, Esraa Abdulkareem Mohammed. *Diyala Journal of Medicine* · 29(1):31-40 · [مجلة محلية] https://djm.uodiyala.edu.iq/index.php/djm/article/view/1384	**2025**
12	**Fetal Extrusion Through Dehiscence Caesarean Scar Confirmed by MRI: A Case Report and Review** Wassan Nori, Muna Abdul Ghani Zghair, Sumaya Alraw, Aqeel Falah Arab, Esraa Abdulkareem Mohammed, Mufeed Akram Taha. *Current Women`s Health Reviews* · 22(5) · [Scopus] https://www.eurekaselect.com/article/151001	**2025**
13	**Biomarker-Guided Prediction of Pregnancy Viability, Current Evidence and Emerging Insights: A Narrative Review** Sura Ahmed Abdulsattar, Wassan Nori,Esraa Abdulkareem Mohammed. *Al-Rafidain Journal of Medical Sciences* · 9(1):246-254 · [Scopus] https://ajms.iq/index.php/ALRAFIDAIN/article/view/2300	**2025**
14	**The Role of Kisspeptin in Discrimination Between Missed Miscarriage and Intrauterine Viable Pregnancy** Asmaa Abdulsattar Hassan, Esraa Abdulkareem Mohammed. *Al-Rafidain Journal of Medical Sciences* · 8(2):195-201 · [Scopus] https://ajms.iq/index.php/ALRAFIDAIN/article/view/2012	**2025**
15	**Significance of maternal serum pentraxin-3 level in assessment of severity of pre- eclampsia and its effect on neonatal outcome** Noor Mohammed Haseeb, Esraa Abdulkareem Mohammed, Salih Ibrahem. *Medical Journal of Babylon* · 20(Supplement 1):pS88-S94 · [Scopus] https://www.ovid.com/jnls/mjby/fulltext/10.4103/mjbl.mjbl_30_23~significance-of-maternal-serum-pentraxin-3-level-in	**2023**
16	**Effect of Maternal Beta-Thalassemia Minor on Obstetrical and Neonatal Outcomes in Kirkuk Province, Iraq** Esraa Abdulkareem Mohammed, Noorjan Abdullah Muhammed. *Al-Anbar Medical Journal* · 19(2): 135-140 · [Scopus] https://amj.uoanbar.edu.iq/article_181069.html	**2023**
17	**Evaluation of Hemoglobin and Serum Ferritin level in Preterm Labour and Preterm Prelabour Rupture of Membrane (PPROM): a Case-Control Study** Esraa Abdulkareem Mohammed, Mohammed Fatih Haseeb. *Italian Journal of Gynecology and Obstetrics* · 35(3):415-422 · [Scopus] https://www.gynaecology-obstetrics-journal.com/evaluation-of-hemoglobin-and-serum-ferritin-	**2023**
18	**Postpartum Maternal and Neonatal Outcomes of SARS-CoV-2 Infection During Pregnancy** Esmaa Abdulkareem Mohammed. *Al-Rafidain Journal of Medical Sciences* · 5:67-72 · [Scopus] https://ajms.iq/index.php/ALRAFIDAIN/article/view/159	**2023**
19	**Evaluation of Serum Galectin-3 Levels in Preeclampsia at Term** *The Medical Journal of Tikrit University* · 29(1):50-65 · [مجلة محلية] https://mjtu.tu.edu.iq/index.php/mjtu/article/view/112	**2023**

#	Research title	Year
20	**Maternal and Neonatal Outcomes of Gestational Thrombocytopenia in Pregnant Women from Kirkuk City, Iraq: A Case-Control Study** Esraa Abdulkareem Mohammed, Mohammed Fatih Haseeb. *Al-Rafidain Journal of Medical Sciences* · 5(1S):142-146 · [Scopus] https://ajms.iq/index.php/ALRAFIDAIN/article/view/324	2020
21	**Assessment of Hormonal Changes in Female Patients with Migraine** Mufeed Akram Taha, Esraa Abdulkareem Mohammed. *Indian Journal of Public Health Research and Development* · [Scopus] https://indianjournals.com/article/ijphrd-10-6-108	2019
22	**Maternal and Neonatal Outcomes of Elective and Emergency Cesarean Sections** Esraa Abdulkareem Mohammed. *Indian Journal of Public Health Research and Development* · 10(6)568 to 573 · [Scopus] https://indianjournals.com/article/ijphrd-10-1-085	2019
23	**Evaluation of serum trace elements among preeclampsic women in kirkuk city** razaw Omer Ibrahim, najlaa kadhim Ali, esraa Abdukareem. *International Journal of Scientific & Engineering Research* · 7 (1): 964-968 · [مجلة عالمية]	2016
24	**status of estradiol in premenopausal women with essential hypertension in kirkuk city** Faisal GH. Al-Rubaye, Yaldiz Hasan Tahsein, Esraa Abdulkareem Mohammed. *Merit Research Journal of Medicine and Medical Sciences* · 3(8): 315-318 · [مجلة عالمية] https://old.meritresearchjournals.org/mms/content/2015/August/Al-Rubaye%20et%20al.pdf	2015
25	**Study of TORCH infections in women with bad obstetrical history in kirkuk city** Esraa Abdulkareem Mohammed and Yahya Jirjees Salman. *International Journal of Current Microbiology and Applied Sciences* · 3(10):700-709 · [مجلة عالمية] https://www.ijcmas.com/vol-3-10/Esraa%20Abdul%20Kareem%20Mohammad%20and%20Yahya%20Jirjees%20Salman.pdf	2014
26	**detection of trichomonas vaginalis among females attending private gynecological clinics in kirkuk province using laboratory methods** Yahya Jirjees Salman, Esraa abdulkareem Mohammed. *Kirkuk Journal of Medical Sciences* · 1(2):1-8 · [مجلة محلية] https://kjms.uokirkuk.edu.iq/article_169479.html	2013

Conferences & Workshops 12

2029	**Contraceptive Choices: Safety and Efficacy** — Workshop — Faculty of Nursing / University of Kirkuk — Invited speaker
2026	**University Day Festival** — UNIVERSITY OF KIRKUK — Organizing committee
2025	**Breast Cancer in Pregnancy** — Seminar — College of Nursing-University of Kirkuk — Invited speaker
2025	**World Diabetes Day** — Seminar — College of Medicine-University of Kirkuk — Session chair
2024	**Obstetrical Emergencies** — Seminar — College of Nursing-University of Medicine — Invited speaker
2023	**Hypertension in pregnancy** — Seminar — College of Medicine-University of Kirkuk — Invited speaker

2022	**Congenital Anomalies of Fetuses of Diabetic Mothers** — Seminar — College of Medicine-University of Kirkuk — Invited speaker
2022	**مؤتمر الجامعة التقنية الشمالية** — Conference — Presenter
2021	**Fetal Growth Restriction** — Seminar — College of Medicine-University of Kirkuk — Invited speaker
2018	**Diabetes in pregnancy** — Seminar — College of Medicine-University of Kirkuk — Invited speaker
2017	**Ovarian Tumors** — Seminar — College of Medicine- University of Kirkuk — Invited speaker
2011	**Anemia in pregnancy** — Seminar — University of Kirkuk — Invited speaker

Training Courses 2

2023	سياقات صرف الأدوية الطبية وعلاقتها مع امراض الدم
2023	كيفية نشر البحوث في المجلات الرصينة

Memberships & Committees 4

- رئيسة لجنة اختبار صلاحية التدريس للتخصصات الطبية في جامعة كركوك
- عضو لجنة اخلاقيات البحث العلمي
- عضو اللجنة العلمية الفرعية لفرع النسائية والتوليد
- عضو اللجنة الامتحانية الفرعية لفرع النسائية والتوليد