



Abdelrahman AlAshqar, MD

- Affiliate, Department Funds
- Fellow in Obstetrics & Gynecology - Oncology

Bio

BIO

Originally from the Hashemite Kingdom of Jordan, Abdelrahman ("Abdel") AlAshqar, MD, was born and raised in Kuwait in a family that valued education, discipline, and academic excellence. He was awarded a full scholarship to attend Kuwait University Faculty of Medicine, where he graduated as Valedictorian with Distinction and Class Honors. Following graduation, he completed a year of clinical training with Kuwait's Ministry of Health before pursuing residency in Obstetrics and Gynecology at Yale University.

Throughout medical school and residency, Abdel has regarded teaching as a moral obligation rather than a favor—a conviction that has shaped nearly every stage of his career. He believes that knowledge carries with it a responsibility to pass it on, and that the growth of the next generation of physicians is as much a measure of one's professional legacy as any personal accomplishment. In that spirit, he cultivated a deep passion for medical education and mentorship, teaching hundreds of medical students and residents over the course of twelve years, all while advancing through his own clinical training. He has earned numerous prestigious awards for his academic excellence, research, and teaching, including honors from His Highness the Amir of Kuwait, the President of Kuwait University, and Yale School of Medicine.

Beyond his life as a fellow, Abdel has a particular affection for cats and is an avid wildlife enthusiast. He dreams of one day seeing the humpback whales of British Columbia, witnessing the great migration across the Serengeti, and exploring the wilderness of Alaska.

CLINICAL FOCUS

- Fellow
- Gynecologic Neoplasms
- Cardiovascular Disease in Gynecologic Cancer
- Survivorship in Gynecologic Cancer

HONORS AND AWARDS

- Award for the Chief resident with humanistic approach to medicine and teaching, Yale School of Medicine (2026)
- Best Chief Resident Research Oral Presentation, Yale School of Medicine (2026)
- ASCCP Resident Award for Outstanding Research, Academic, or Clinical Potential, ASCCP (2025)
- PGY-2 Teaching award, Yale School of Medicine (2023)
- PGY-1 Teaching Award, Yale School of Medicine (2022)
- Dr. Shohreh Shahabi Award for best resident oral presentation in the State of Connecticut, Yale School of Medicine (2021)

- His Highness the Amir of Kuwait Award for Academic Achievement, The Amiri Diwan (2019)
- 1st Place Poster Presentation and Dr. Nael Al-Naqeeb Award for Distinguished Undergraduate Research, Kuwait University Faculty of Medicine (2017)
- Kuwait Medical Student Association Award for mentoring junior medical students., Kuwait Medical Student Association (2014)
- Kuwait University President's Award for Academic Excellence, Kuwait University (2012-2017)
- Kuwait Medical Student Association Award for Academic Excellence, Kuwait Medical Student Association (2012-2017)
- Kuwait University Faculty of Medicine Full Scholarship, Kuwait University (2011)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Editor, Discover Oncology, Journal (2026 - present)
- Member, American Association of Gynecologic Laparoscopists (2024 - present)
- Member, Society of Gynecologic Oncology (2021 - present)
- Member, Society for Academic Specialists in General Obstetrics and Gynecology (2021 - present)
- Member, American College of Obstetricians and Gynecologists (2021 - present)
- Member, American Medical Association (2020 - present)

PROFESSIONAL EDUCATION

- Resident Physician in OBGYN, Yale School of Medicine—Yale New Haven Hospital (2026)
- Academic Chief Resident, Yale School of Medicine—Yale New Haven Hospital (2025)
- Doctor of Medicine, Kuwait University , Medicine (2018)
- Bachelor of Medical Sciences, Kuwait University (2015)

INTERNET LINKS

- Google Scholar: https://scholar.google.com/citations?hl=en&view_op=list_works&gmla=AO4B3js7TbXwESzR4OVwyqEdryX6v1FfITztn5uJOsHDIF080sWSPFAf4cS273oP2g3miYShmD6nqph2esCNjFsKbdRj&user=

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Dr. AlAshqar has worked in clinical translational gynecologic research at the Johns Hopkins University School of Medicine since 2018. His early research focused on cardiometabolic risk in benign gynecology and outcomes of minimally invasive gynecologic surgery before shifting to gynecologic cancer research at Yale while still extrapolating from his prior research interests. He primarily investigated the association between cardiovascular disease and gynecologic malignancies and his research on this topic earned the award for best Chief Resident Research Presentation at graduation. Dr. AlAshqar is well published with several of his papers accepted in Nature, American Journal of Obstetrics and Gynecology, the Green Journal, and Gynecologic Oncology. Particularly interested in ovarian cancer research advancement, Dr. AlAshqar hopes to be part of the movement that revolutionizes the paradigm for ovarian cancer diagnosis and treatment.

At Stanford, Dr. AlAshqar joined Dr. Rankin's lab, where his research investigates how the EPO/EPOR axis contributes to the pathogenesis of ovarian cancer, work aimed at uncovering new diagnostic and therapeutic targets for this aggressive tumor.

CURRENT CLINICAL INTERESTS

- Gynecologic Neoplasm
- Cardiovascular Diseases
- Cancer Survivorship

- Personalized Medicine
- Immunotherapy

Dr. AlAshqar's clinical interests lie at the intersection of cardiovascular disease and gynecologic cancer, a field that has grown increasingly consequential as advances in diagnostics and therapeutics have transformed the trajectory of these malignancies. As earlier detection, refined surgical techniques, and novel systemic and targeted therapies allow patients to live longer, the competing risks that shape long-term outcomes have shifted accordingly. Increasingly, women who survive their cancer face substantial morbidity and mortality from cardiovascular disease, whether as a consequence of shared risk factors, the cardiotoxic effects of treatment, or the natural history of aging in a growing population of survivors. Dr. AlAshqar is drawn to understanding this evolving dynamic because recognizing cardiovascular disease as a leading cause of death in this population reframes how we approach the whole patient beyond oncologic control. A clearer grasp of these intersecting risks can inform more comprehensive survivorship care, sharpen prognostication by accounting for competing causes of mortality, and guide tailored cardiovascular surveillance strategies that identify and mitigate risk before it becomes clinically irreversible. Ultimately, his goal is to help ensure that the gains achieved in cancer survival translate into genuine improvements in overall longevity and quality of life.

RESEARCH PROJECTS

- The role of EPO/EPOR in the pathogenesis of ovarian cancer - Stanford Medicine

LAB AFFILIATIONS

- Erinn Rankin (8/3/2026)

Publications

PUBLICATIONS

- **Cardiovascular outcomes in individuals with ovarian cancer: A retrospective cohort study.** *Gynecologic oncology*
AlAshqar, A., Clark, M., Gross, C. P., Spatz, E. S., Xu, X.
2026; 211: 17-22
- **Evaluating Routine Opioid Compared With Nonopioid Prescribing After Laparoscopic Hysterectomy: A Randomized Controlled Trial.** *Obstetrics and gynecology*
Leaf, M. C., Wainger, J., Frost, A., Musselman, K., Patzkowsky, K., Simpson, K., Wu, H., Vaidya, D., Ma, J., AlAshqar, A., Wang, K. C., Borahay, M. A.
2026
- **Successful hysteroscopic myomectomy of a submucosal leiomyoma in an adolescent female: a case report.** *International journal of surgery case reports*
AlAshqar, A., Lepore, C., Huynh, T., Vash-Margita, A.
2026; 138 (7): 2474-2477
- **Tubal Abortion Diagnosed Months After Initial Diagnosis of Ectopic Pregnancy.** *Journal of minimally invasive gynecology*
AlAshqar, A., Huynh, T.
2025; 32 (9): 755-756
- **Personalized Treatment in Ovarian Cancer: A Review of Disease Monitoring, Biomarker Expression, and Targeted Treatments for Advanced, Recurrent Ovarian Cancers.** *Cancers*
Ettorre, V. M., AlAshqar, A., Sethi, N., Santin, A. D.
2025; 17 (11)
- **The Molecular Basis of Polycystic Ovary Syndrome and Its Cardiometabolic Correlates: Exploring the Intersection and Its Clinical Implications-A Narrative Review.** *Biomedicines*
Mahabamunuge, J., Sekula, N. M., Lepore, C., Kudrimoti, M., Upadhyay, A., Alshowaikh, K., Li, H. J., Seifer, D. B., AlAshqar, A.
2025; 13 (3)
- **Uterine teratoma and the role of short-tandem repeat genotyping in understanding origins.** *Gynecologic oncology reports*
AlAshqar, A., Kadam Maruthi, V., Abi-Raad, R., Greenman, M., Hui, P., Ratner, E., Altwerger, G., Santin, A., Andikyan, V.

2024; 56: 101652

- **Dispensing patterns of antidepressant and anxiolytic medications for psychiatric disorders after benign hysterectomy in reproductive-age women: Results from group-based trajectory modeling.** *Women's health (London, England)*
Ishiwata, R., AlAshqar, A., Miyashita-Ishiwata, M., Borahay, M. A.
2024; 20: 17455057241272218
- **Uterine Collagen Cross-Linking: Biology, Role in Disorders, and Therapeutic Implications.** *Reproductive sciences (Thousand Oaks, Calif.)*
Kurt, I., Kulhan, M., AlAshqar, A., Borahay, M. A.
2024; 31 (3): 645-660
- **Racial Disparities in Minimally Invasive Benign Hysterectomy.** *JSLS : Journal of the Society of Laparoendoscopic Surgeons*
Hessami, K., Leaf, M. C., Liang, J., Katz, A., Chervenak, F., AlAshqar, A., Borahay, M. A.
2024; 28 (3)
- **Surgical and oncologic outcomes in surgically treated women 80 years and older with endometrioid endometrial cancer as a function of their comorbidities.** *Gynecologic oncology reports*
AlAshqar, A., Ghazarian, M., Webster, E. M., Upadhyay, A., Azodi, M., Schwartz, P. E., Ratner, E., Altwerger, G.
2023; 49: 101240
- **Perioperative opioid dispensing and persistent use after benign hysterectomy: a systematic review and meta-analysis.** *American journal of obstetrics and gynecology*
Hessami, K., Welch, J., Frost, A., AlAshqar, A., Arian, S. E., Gough, E., Borahay, M. A.
2023; 229 (1): 23-32.e3
- **Association of Surgical Start Time with Outcomes of Benign Hysterectomy.** *Journal of minimally invasive gynecology*
Brah, T., AlAshqar, A., Borahay, M. A.
2023; 30 (5): 389-396
- **Uterine Transcriptome: Understanding Physiology and Disease Processes.** *Biology*
Kirschen, G. W., Hessami, K., AlAshqar, A., Afrin, S., Lulseged, B., Borahay, M.
2023; 12 (4)
- **Oxidative Stress and Antioxidants in Uterine Fibroids: Pathophysiology and Clinical Implications.** *Antioxidants (Basel, Switzerland)*
AlAshqar, A., Lulseged, B., Mason-Otey, A., Liang, J., Begum, U. A., Afrin, S., Borahay, M. A.
2023; 12 (4)
- **Cardiometabolic profile of women with uterine leiomyoma: a cross-sectional study.** *Minerva obstetrics and gynecology*
Alashqar, A., El Ouweini, H., Gornet, M., Yenokyan, G., Borahay, M. A.
2023; 75 (1): 27-38
- **Clinical characteristics and cardiovascular outcomes among young patients with acute myocardial infarction in Kerala, India: A secondary analysis of ACS QUIK trial.** *Atherosclerosis plus*
Khraishah, H., Karout, L., Jeong, S. Y., Alahmad, B., AlAshqar, A., Belanger, M. J., Welty, F. K., Michos, E. D., Albaghdadi, M.
2022; 50: 25-31
- **Climate change and cardiovascular disease: implications for global health.** *Nature reviews. Cardiology*
Khraishah, H., Alahmad, B., Ostergard, R. L., AlAshqar, A., Albaghdadi, M., Vellanki, N., Chowdhury, M. M., Al-Kindi, S. G., Zanobetti, A., Gasparri, A., Rajagopalan, S.
2022; 19 (12): 798-812
- **Impact of Obesity on Clinical and Financial Outcomes of Minimally Invasive Hysterectomy for Benign Conditions.** *Journal of obstetrics and gynaecology Canada : JOGC = Journal d'obstetrique et gynecologie du Canada : JOGC*
Le Neveu, M., AlAshqar, A., Kohn, J., Tambovtseva, A., Wang, K., Borahay, M.
2022; 44 (9): 953-959
- **Predictors of same-day discharge after minimally invasive hysterectomy for benign indications.** *International journal of gynaecology and obstetrics: the official organ of the International Federation of Gynaecology and Obstetrics*
AlAshqar, A., Wilder, B., Yazdy, G., Goktepe, M. E., Kilic, G. S., Borahay, M. A.
2022; 158 (2): 308-317

- **Predictors of new persistent opioid use after benign hysterectomy in the United States.** *American journal of obstetrics and gynecology*
AlAshqar, A., Ishiwata, R., Moss, C., Andersen, K. M., Yanek, L., Bicket, M. C., Alexander, G. C., Borahay, M. A.
2022; 227 (1): 68.e1-68.e24
- **Challenges in treatment of renal echinococcosis with gross hydatiduria and unsalvageable kidney: a case report.** *Journal of medical case reports*
Shuaibi, S., AlAshqar, A., Alabdulhadi, M., Al-Adsani, W.
2021; 15 (1): 487
- **Vascular biology of uterine fibroids: connecting fibroids and vascular disorders.** *Reproduction (Cambridge, England)*
Kirschen, G. W., AlAshqar, A., Miyashita-Ishiwata, M., Reschke, L., El Sabeh, M., Borahay, M. A.
2021; 162 (2): R1-R18
- **Role of inflammation in benign gynecologic disorders: from pathogenesis to novel therapies†.** *Biology of reproduction*
AlAshqar, A., Reschke, L., Kirschen, G. W., Borahay, M. A.
2021; 105 (1): 7-31
- **Diet and Nutrition in Gynecological Disorders: A Focus on Clinical Studies.** *Nutrients*
Afrin, S., AlAshqar, A., El Sabeh, M., Miyashita-Ishiwata, M., Reschke, L., Brennan, J. T., Fader, A., Borahay, M. A.
2021; 13 (6)
- **Correction to: Impact of primary headache disorder on quality of life among school students in Kuwait.** *The journal of headache and pain*
Al-Hashel, J. Y., Alroughani, R., Shuaibi, S., AlAshqar, A., AlHamdan, F., AlThufairi, H., Owayed, S., Ahmed, S. F.
2021; 22 (1): 7
- **Primary Headache Disorder Among School Students in Kuwait.** *Frontiers in neurology*
Shuaibi, S., AlAshqar, A., Ahmed, S. F., Alroughani, R., AlThufairi, H., Owayed, S., AlHamdan, F., Al-Hashel, J.
2021; 12: 621017
- **Predictors of the cost of hysterectomy for benign indications.** *Journal of gynecology obstetrics and human reproduction*
AlAshqar, A., Goktepe, M. E., Kilic, G. S., Borahay, M. A.
2021; 50 (2): 101936
- **Association of demographic, clinical, and hospital-related factors with use of robotic hysterectomy for benign indications: A national database study.** *The international journal of medical robotics + computer assisted surgery : MRCAS*
Smith, A. J., AlAshqar, A., Chaves, K. F., Borahay, M. A.
2020; 16 (4): e2107
- **Impact of Puberty in Girls on Prevalence of Primary Headache Disorder Among Female Schoolchildren in Kuwait.** *Frontiers in neurology*
Alashqar, A., Shuaibi, S., Ahmed, S. F., AlThufairi, H., Owayed, S., AlHamdan, F., Alroughani, R., Al-Hashel, J. Y.
2020; 11: 594
- **Cardiometabolic Risk Factors and Benign Gynecologic Disorders.** *Obstetrical & gynecological survey*
AlAshqar, A., Patzkowsky, K., Afrin, S., Wild, R., Taylor, H. S., Borahay, M. A.
2019; 74 (11): 661-673
- **Prenatal Inflammation Dampens Neurogenesis and Enhances Serotonin Transporter Expression in the Hippocampus of Adult Female Rats.** *Medical principles and practice : international journal of the Kuwait University, Health Science Centre*
Mouihate, A., Kalakh, S., AlMutairi, R., Alashqar, A.
2019; 28 (4): 352-360