

# Stanford

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## Michelle Joanne Khan, MD, MPH, FACOG (she/her)

Clinical Associate Professor, Obstetrics & Gynecology - General

### CLINICAL OFFICES

- **Stanford Pelvic Health Center**

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- **Stanford Gynecology Clinic**

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- **Obstetrics Clinic**

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### Bio

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#### BIO

Michelle Khan is a board-certified obstetrician gynecologist with training in Reproductive Infectious Diseases. She sees patients for obstetrics at Lucille Packard Children's Hospital and for gynecology and dysplasia at Stanford Health Care. She works as a generalist seeing patients for routine Ob/Gyn care, pregnancy and delivery, and in subspecialty clinics focused on HPV-related diseases of the anogenital tract. She sees patients of any gender.

Dr. Khan's clinical expertise is in screening, evaluation and treatment of HPV-related diseases and prevention of HPV-related cancers. She started working in the HPV field in 2003 during a Howard Hughes-National Institutes of Health research fellowship. She completed medical school at Rutgers University – Robert Wood Johnson Medical School, residency in Gynecology/Obstetrics at the Johns Hopkins Hospital, and fellowship in Reproductive Infectious Diseases at the University of California San Francisco. During fellowship she was trained in advanced colposcopy, high-resolution anoscopy (HRA) and treatment of cervical, vulvar, vaginal and anal disease. She is active in professional societies teaching national and international courses in colposcopy and HRA and formulating guidelines for screening and management of HPV-related diseases.

LGBTQIAP+ friendly.

## **CLINICAL FOCUS**

- Obstetrics and Gynecology
- Reproductive Infectious Disease
- HPV associated diseases
- Colposcopy
- High Resolution Anoscopy
- LGBTQ+ Health
- Diversity, Equity, and Inclusion

## **ACADEMIC APPOINTMENTS**

- Clinical Associate Professor, Obstetrics & Gynecology - General
- Member, Maternal & Child Health Research Institute (MCHRI)

## **ADMINISTRATIVE APPOINTMENTS**

- Director, PEACH Program (Prevention and Education of Anogenital Cancers and HPV-associated diseases), (2021- present)
- Co-Director, DEI Committee, Department of Obstetrics and Gynecology, (2023- present)

## **BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS**

- Member, Accreditation/Credentialing Sub-Committee, International Anal Neoplasia Society (2022 - present)
- Treasurer, Member of Executive Board, ASCCP (2023 - present)
- Secretary, Member of Executive Board, ASCCP (2022 - 2023)
- Member, Diversity Equity and Inclusion Committee, Infectious Diseases Society for Obstetricians and Gynecologists (2021 - present)
- Co-Chair, Education Task Force, International Anal Neoplasia Society (2022 - present)

## **PROFESSIONAL EDUCATION**

- Certificate, University of Alabama at Birmingham , Health Disparities Research (2016)
- Board Certification: Obstetrics and Gynecology, American Board of Obstetrics and Gynecology (2013)
- Fellowship: UCSF Obstetrics and Gynecology (2013) CA
- Residency: Johns Hopkins University Dept of Gynecology and Obstetrics (2011) MD
- Medical Education: UMDNJ-Robert Wood Johnson Medical School Registrar (2007) NJ
- Research Fellowship, Howard Hughes Medical Institute-National Institutes of Health , Cancer Epidemiology (2005)
- Masters in Public Health, UMDNJ - School of Public Health , Epidemiology (2005)
- Bachelors of Arts, Duke University , Double major in Chemistry, Spanish (2000)

## **Research & Scholarship**

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### **CURRENT RESEARCH AND SCHOLARLY INTERESTS**

Dr. Khan's research focuses on prevention of HPV-related cancers of the cervix, vagina, vulva, and anus and on the impact of reproductive tract infections on pregnancy and health.

## Publications

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### PUBLICATIONS

- **Cervical Cancer Screening: Evolution of National Guidelines and Current Recommendations.** *Clinical obstetrics and gynecology*  
Khan, M. J.  
2023
- **Retrospective Screening of Clinical Samples for Monkeypox Virus DNA, California, USA, 2022.** *Emerging infectious diseases*  
Contag, C. A., Lu, J., Renfro, Z. T., Karan, A., Salinas, J. L., Khan, M., Solis, D., Sahoo, M. K., Yamamoto, F., Pinsky, B. A.  
2023; 29 (4): 848-850
- **Scattering-Based Light-Sheet Microscopy Imaging of HPV-Associated Squamous Lesions of the Lower Anogenital Tract: A Pilot Study for In-Vivo Microscopy Applications in Anal Cancer Screening**  
Liang, B., Zhao, J., Forgone, E., Khan, M., Kang, D., Yang, E.  
ELSEVIER SCIENCE INC.2023: S1554
- **Investigation of different wavelengths for scattering-based light sheet microscopy.** *Biomedical optics express*  
Zhao, J., Kulkarni, N., Dobo, E., Khan, M. J., Yang, E., Kang, D.  
2022; 13 (7): 3882-3892
- **2019 ASCCP Risk-Based Management Consensus Guidelines for Abnormal Cervical Cancer Screening Tests and Cancer Precursors.** *Journal of lower genital tract disease*  
Perkins, R. B., Guido, R. S., Castle, P. E., Chelmow, D., Einstein, M. H., Garcia, F., Huh, W. K., Kim, J. J., Moscicki, A. B., Nayar, R., Saraiya, M., Sawaya, G. F., Wentzensen, et al  
2020; 24 (2): 102-131
- **Challenges Associated With Cervical Cancer Screening and Management in Obese Women: A Provider Perspective.** *Journal of lower genital tract disease*  
Clarke, M. A., Massad, L. S., Khan, M. J., Smith, K. M., Guido, R. S., Mayeaux, E. J., Darragh, T. M., Huh, W. K., Johnson, A. L., Gold, M. A., Schiffman, M., Wentzensen, N.  
2020; 24 (2): 184-191
- **HIV Status and Other Risk Factors for Prevalent and Incident Sexually Transmitted Infection during Pregnancy (2000-2014).** *Infectious diseases in obstetrics and gynecology*  
Dionne-Odom, J., Khan, M. J., Jauk, V. C., Szychowski, J., Long, D. M., Wallace, S., Neely, C., Fry, K., Marrazzo, J., Crain, M., Tita, A. T.  
2019; 2019: 6584101
- **HIV Status and Contraceptive Utilization among Women in Cameroon.** *Journal of the International Association of Providers of AIDS Care*  
Budhwani, H., Hearld, K. R., Dionne-Odom, J., Manga, S., Nulah, K., Khan, M., Welty, T., Welty, E., Tita, A. T.  
2019; 18: 2325958219826596
- **Risk of Cervical Intraepithelial Neoplasia 2 or Worse by Cytology, Human Papillomavirus 16/18, and Colposcopy Impression: A Systematic Review and Meta-analysis.** *Obstetrics and gynecology*  
Silver, M. I., Andrews, J., Cooper, C. K., Gage, J. C., Gold, M. A., Khan, M. J., Massad, L. S., Parvu, V., Perkins, R. B., Schiffman, M., Smith, K. M., Wentzensen, N.  
2018; 132 (3): 725-735
- **In Defense of a Simplified, Practical Colposcopic Terminology.** *Journal of lower genital tract disease*  
Khan, M. J., Massad, L. S., Huh, W. K., Wentzensen, N.  
2018; 22 (3): 233-234
- **Evidence-Based Consensus Recommendations for Colposcopy Practice for Cervical Cancer Prevention in the United States.** *Journal of lower genital tract disease*  
Wentzensen, N., Massad, L. S., Mayeaux, E. J., Khan, M. J., Waxman, A. G., Einstein, M. H., Conageski, C., Schiffman, M. H., Gold, M. A., Apgar, B. S., Chelmow, D., Choma, K. K., Darragh, et al  
2017; 21 (4): 216-222
- **ASCCP Colposcopy Standards: Colposcopy Quality Improvement Recommendations for the United States.** *Journal of lower genital tract disease*  
Mayeaux, E. J., Novetsky, A. P., Chelmow, D., Garcia, F., Choma, K., Liu, A. H., Paposzomenos, T., Einstein, M. H., Massad, L. S., Wentzensen, N., Waxman, A. G., Conageski, C., Khan, et al

2017; 21 (4): 242-248

- **ASCCP Colposcopy Standards: How Do We Perform Colposcopy? Implications for Establishing Standards.** *Journal of lower genital tract disease*  
Waxman, A. G., Conageski, C., Silver, M. I., Tedeschi, C., Stier, E. A., Apgar, B., Huh, W. K., Wentzensen, N., Massad, L. S., Khan, M. J., Mayeaux, E. J., Einstein, M. H., Schiffman, et al  
2017; 21 (4): 235-241
- **ASCCP Colposcopy Standards: Risk-Based Colposcopy Practice.** *Journal of lower genital tract disease*  
Wentzensen, N., Schiffman, M., Silver, M. I., Khan, M. J., Perkins, R. B., Smith, K. M., Gage, J. C., Gold, M. A., Conageski, C., Einstein, M. H., Mayeaux, E. J., Waxman, A. G., Huh, et al  
2017; 21 (4): 230-234
- **ASCCP Colposcopy Standards: Role of Colposcopy, Benefits, Potential Harms, and Terminology for Colposcopic Practice.** *Journal of lower genital tract disease*  
Khan, M. J., Werner, C. L., Darragh, T. M., Guido, R. S., Mathews, C., Moscicki, A. B., Mitchell, M. M., Schiffman, M., Wentzensen, N., Massad, L. S., Mayeaux, E. J., Waxman, A. G., Conageski, et al  
2017; 21 (4): 223-229
- **Preparing for the Next Round of ASCCP-Sponsored Cervical Screening and Management Guidelines.** *Journal of lower genital tract disease*  
Schiffman, M., Wentzensen, N., Khan, M. J., Castle, P. E., Chelmow, D., Huh, W. K., Moscicki, A. B., Stockdale, C. K., Darragh, T. M., Silver, M., Guido, R. S.  
2017; 21 (2): 87-90
- **Genotyping for Human Papillomavirus Types 16 and 18 in Women With Minor Cervical Lesions: A Systematic Review and Meta-analysis.** *Annals of internal medicine*  
Arbyn, M., Xu, L., Verdoodt, F., Cuzick, J., Szarewski, A., Belinson, J. L., Wentzensen, N., Gage, J. C., Khan, M. J.  
2017; 166 (2): 118-127
- **A common clinical dilemma: Management of abnormal vaginal cytology and human papillomavirus test results.** *Gynecologic oncology*  
Khan, M. J., Massad, L. S., Kinney, W., Gold, M. A., Mayeaux, E. J., Darragh, T. M., Castle, P. E., Chelmow, D., Lawson, H. W., Huh, W. K.  
2016; 141 (2): 364-370
- **Evaluation of Human Papillomavirus as a Risk Factor for Preterm Birth or Pregnancy-Related Hypertension.** *Obstetrics and gynecology*  
Subramaniam, A., Lees, B. F., Becker, D. A., Tang, Y., Khan, M. J., Edwards, R. K.  
2016; 127 (2): 233-40
- **Screening for Anal Cancer in Women.** *Journal of lower genital tract disease*  
Moscicki, A., Darragh, T. M., Berry-Lawhorn, J. M., Roberts, J. M., Khan, M. J., Boardman, L. A., Chiao, E., Einstein, M. H., Goldstone, S. E., Jay, N., Likes, W. M., Stier, E. A., Welton, et al  
2015; 19 (3): S26-41
- **Does treatment for cervical and vulvar dysplasia impact women's sexual health?** *American journal of obstetrics and gynecology*  
Cendejas, B. R., Smith-McCune, K. K., Khan, M. J.  
2015; 212 (3): 291-7
- **Treatment of cervical precancers: back to basics.** *Obstetrics and gynecology*  
Khan, M. J., Smith-McCune, K. K.  
2014; 123 (6): 1339-43
- **Nongenital human papillomavirus disease.** *Obstetrics and gynecology clinics of North America*  
Mayeaux, E. J., Khan, M. J.  
2013; 40 (2): 317-37
- **Diagnostic utility of endocervical curettage in women undergoing colposcopy for equivocal or low-grade cytologic abnormalities.** *Obstetrics and gynecology*  
Solomon, D., Stoler, M., Jeronimo, J., Khan, M., Castle, P., Schiffman, M.  
2007; 110 (2 Pt 1): 288-95
- **Accuracy of human papillomavirus testing in primary screening of cervical neoplasia: results from a multicenter study in India.** *International journal of cancer*  
Khan, M. J., Schiffman, M., Jeronimo, J.  
2005; 116 (5): 830-1

- **The elevated 10-year risk of cervical precancer and cancer in women with human papillomavirus (HPV) type 16 or 18 and the possible utility of type-specific HPV testing in clinical practice.** *Journal of the National Cancer Institute*  
Khan, M. J., Castle, P. E., Lorincz, A. T., Wacholder, S., Sherman, M., Scott, D. R., Rush, B. B., Glass, A. G., Schiffman, M.  
2005; 97 (14): 1072-9
- **Socioeconomic status and the risk of cervical intraepithelial neoplasia grade 3 among oncogenic human papillomavirus DNA-positive women with equivocal or mildly abnormal cytology.** *Cancer*  
Khan, M. J., Partridge, E. E., Wang, S. S., Schiffman, M.  
2005; 104 (1): 61-70
- **Re: Munoz et al., "Against which human papillomavirus types shall we vaccinate and screen? The international perspective." Int J Cancer 2004;111:278-85.** *International journal of cancer*  
Khan, M. J., Herrero, R., Schiffman, M.  
2005; 115 (4): 670
- **Does the interval between papanicolaou tests influence the quality of cytology?** *Cancer*  
Jeronimo, J., Khan, M. J., Schiffman, M., Solomon, D.  
2005; 105 (3): 133-8
- **A study of the impact of adding HPV types to cervical cancer screening and triage tests.** *Journal of the National Cancer Institute*  
Schiffman, M., Khan, M. J., Solomon, D., Herrero, R., Wacholder, S., Hildesheim, A., Rodriguez, A. C., Bratti, M. C., Wheeler, C. M., Burk, R. D.  
2005; 97 (2): 147-50