



Kristin Leigh Bixel

Associate Professor of Obstetrics and Gynecology (Gynecologic Oncology)
Obstetrics & Gynecology - Gynecologic Oncology

CLINICAL OFFICE (PRIMARY)

- **Gynecologic Specialties**

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Bio

CLINICAL FOCUS

- Gynecologic Oncology

ACADEMIC APPOINTMENTS

- Associate Professor - University Medical Line, Obstetrics & Gynecology - Gynecologic Oncology

ADMINISTRATIVE APPOINTMENTS

- Director, Gynecologic Oncology Clinical Research Group, (2024- present)

PROFESSIONAL EDUCATION

- Board Certification: Gynecologic Oncology, American Board of Obstetrics and Gynecology (2021)
- Board Certification: Obstetrics and Gynecology, American Board of Obstetrics and Gynecology (2019)
- Fellowship: Ohio State University Gynecologic Oncology Fellowship (2017) OH
- Residency: Beth Israel Deaconess Obstetrics and Gynecology Residency (2013) MA
- Medical Education: University of California at San Francisco School of Medicine (2009) CA

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Gynecologic Oncology (Fellowship Program)

Publications

PUBLICATIONS

- **Sentinel Lymphadenectomy for Early-Stage Cervical Cancer - the New Standard?** *The New England journal of medicine*
Bixel, K.
2025; 393 (15): 1534-1536

- **Exceptional response to trastuzumab deruxtecan in recurrent neuroendocrine cervical cancer: A case report.** *Gynecologic oncology reports*
Tostrud, L., Howitt, B. E., Mills, M., Karam, A., Bixel, K. L.
2025; 60: 101798
- **Exceptional response to trastuzumab deruxtecan in recurrent neuroendocrine cervical cancer: A case report** *GYNECOLOGIC ONCOLOGY REPORTS*
Tostrud, L., Howitt, B. E., Mills, M., Karam, A., Bixel, K. L.
2025; 60
- **Atezolizumab and Stereotactic Body Radiation in Metastatic, Recurrent, or Persistent Cervical Cancer: Results from a Phase II Multi-Institutional Study.** *International journal of radiation oncology, biology, physics*
Ahmed, K. A., Quick, A. M., Chon, H. S., Chern, J. Y., Bixel, K., Kim, Y., Li, J., Montejo, M. E., Dowell, R. A., Kim, S., Fernandez, D. C., Lam, C. A., Hakam, et al
2025
- **ROCC/GOG-3043: a randomized controlled trial of robotic versus open surgery for early-stage cervical cancer.** *International journal of gynecological cancer : official journal of the International Gynecological Cancer Society*
Leitao, M. M., Bixel, K. L., Chase, D. M., Quick, A., McCormick, C., Black, D., Lim, P. C., Eskander, R. N., Gotlieb, W. H., LoCoco, S., Martino, M. A., Walker, J. L., Copeland, et al
2025: 101760
- **Defining "enlarged" sentinel lymph nodes in the setting of endometrial cancer: What is the size cut-off?** *Gynecologic oncology*
Haight, P., Bilbe, C., Riedinger, C., Backes, F., Bixel, K., Chambers, L., Cohn, D., Copeland, L., Nagel, C., O'Malley, D., Suarez, A. A., Esnakula, A., Cosgrove, et al
2025; 194: 80-85
- **Adjuvant hormone therapy and overall survival among low-grade and apparent early-stage endometrial stromal sarcoma patients.** *Journal of gynecologic oncology*
Bixel, K. L., Meade, C. E., Brown, M., Felix, A. S.
2024
- **Changes in anthropometry, adiposity, and inflammation in Black and White women engaged in intentional weight loss.** *Obesity (Silver Spring, Md.)*
Felix, A. S., Sinnott, J. A., Caan, B. J., Gillespie, S. L., Meade, C. E., Strafford, K. E., Cosgrove, C. M., Soma, L., Noria, S., Bixel, K. L., Salani, R., Nagel, C. I., Chambers, et al
2024; 32 (12): 2398-2409
- **Cold ischemia time and formalin fixation time in endometrial cancer: Should breast cancer guidelines for preanalytical variables be applied to hysterectomy specimens?** *Gynecologic oncology*
Haight, P. J., Lammers, S., Kistenfeger, Q., Leipold, C., Suarez, A. A., Tozbikian, G. H., Esnakula, A., Cosgrove, C., Bixel, K. L.
2024; 191: 194-200
- **Inhibition of Bruton's tyrosine kinase with PD-1 blockade modulates T cell activation in solid tumors.** *JCI insight*
Schwarz, E., Benner, B., Wesolowski, R., Quiroga, D., Good, L., Sun, S. H., Savardekar, H., Li, J., Jung, K. J., Duggan, M. C., Lapurga, G., Shaffer, J., Scarberry, et al
2024; 9 (21)
- **Postoperative venous thromboembolism risk in patients with vulvar carcinoma: An analysis of the National Surgical Quality Improvement Program (NSQIP) database.** *Gynecologic oncology reports*
Kistenfeger, Q., Felix, A. S., Meade, C. E., Wagner, V., Bixel, K., Chambers, L. M.
2024; 54: 101411
- **Does the choice of platinum doublet matter? A study to evaluate the impact of platinum doublet choice for treatment of platinum-sensitive ovarian cancer recurrence on the development of future PARP inhibitor and platinum resistance.** *Gynecologic oncology*
Levine, M. D., Wang, H., Sriram, B., Khan, A., Senter, L., McLaughlin, E. M., Bixel, K. L., Chambers, L. M., Cohn, D. E., Copeland, L. J., Cosgrove, C. M., Nagel, C. I., O'Malley, et al
2024; 182: 51-56
- **Changes in prospectively collected patient-reported outcomes among women with incident endometrial cancer.** *Journal of cancer survivorship : research and practice*
Sinnott, J. A., Torkashvand, E., Meade, C. E., Salani, R., Vetter, M. H., Hall, B., Skolnick, R., Bixel, K. L., Cohn, D. E., Cosgrove, C. M., Copeland, L. J., Hebert, C., Felix, et al

2024

- **Radical hysterectomy case volume and cervical cancer treatment in the era of COVID-19: A multi-site analysis of National Cancer Institute-designated Comprehensive Cancer Centers.** *Gynecologic oncology*
Wickenheisser, N. E., Dillon, M., Broadwater, G., Zacherl, K., Bixel, K., Levine, M., Newton, M., Thel, H., Tucker, K., Gehrig, P., Khetan, V. U., Brunette-Masi, L. L., Matsuo, et al
2023; 179: 70-78
- **The impact of antibiotic and proton pump inhibitor use at the time of adjuvant platinum-based chemotherapy on survival in patients with endometrial cancer.** *Gynecologic oncology*
Haight, P. J., Kistenfeger, Q., Riedinger, C. J., Khadraoui, W., Backes, F. J., Bixel, K. L., Copeland, L. J., Cohn, D. E., Cosgrove, C. M., O'Malley, D. M., Nagel, C. I., Spakowicz, D. J., Chambers, et al
2023; 178: 14-22
- **Prevalence of type 2 diabetes diagnoses in the perioperative and survivorship periods following surgical management of endometrial cancer: An opportunity for screening and intervention?** *Gynecologic oncology*
Morton, M., McLaughlin, E. M., Calo, C. A., Lightfoot, M., Bixel, K. L., Cohn, D. E., Cosgrove, C. M., Copeland, L. J., O'Malley, D. M., Nagel, C. I., Chambers, L. M.
2023; 177: 46-52
- **"More than a song and dance": Exploration of patient perspectives and educational quality of gynecologic cancer content on TikTok.** *Gynecologic oncology*
Morton, M., Haight, P. J., Khadraoui, W., Backes, F., Bixel, K., O'Malley, D. M., Nagel, C., Chambers, L. M.
2023; 175: 81-87
- **Glassy cell carcinoma of the cervix: Findings from a combined National Cancer Database analysis and single institution review of treatment patterns and outcomes.** *Gynecologic oncology*
Levine, M. D., Barrington, D. A., Meade, C. E., Lammers, S. M., McLaughlin, E. M., Suarez, A. A., Backes, F. J., Copeland, L. J., O'Malley, D. M., Cosgrove, C. M., Cohn, D. E., Nagel, C. I., Felix, et al
2023; 173: 15-21
- **Postoperative venous thromboembolism risk stratification in patients with uterine cancer.** *American journal of obstetrics and gynecology*
Wagner, V. M., Piver, R. N., Levine, M. D., Backes, F. J., Chambers, L. J., Cohn, D. E., Copeland, L. J., Cosgrove, C. M., Nagel, C. I., O'Malley, D. M., Bixel, K. L.
2023; 228 (5): 555.e1-555.e8
- **The modified 5-item frailty index is a predictor of post-operative complications in vulvar cancer: a National Surgical Quality Improvement Program (NSQIP) analysis.** *International journal of gynecological cancer : official journal of the International Gynecological Cancer Society*
Levine, M. D., Felix, A. S., Meade, C. E., Bixel, K. L., Chambers, L. M.
2023; 33 (4): 465-472
- **Use of the Khorana score to predict venous thromboembolism in patients undergoing chemotherapy for uterine cancer.** *Gynecologic oncology reports*
Piver, R. N., Wagner, V. M., Levine, M. D., Backes, F. J., Chambers, L. J., Cohn, D. E., Copeland, L. J., Cosgrove, C. M., Nagel, C. I., O'Malley, D. M., Bixel, K. L.
2023; 46: 101156
- **Recurrence rate in early-stage epithelial ovarian cancer: Is there a role for upfront maintenance with PARP inhibitors in stages I and II?** *Gynecologic oncology reports*
Levine, M. D., O'Malley, D. M., Haight, P. J., Senter, L., Wagner, V., Bixel, K. L., Cohn, D. E., Copeland, L. J., Cosgrove, C. M., McLaughlin, E. M., Backes, F. J.
2023; 46: 101173
- **Lifestyle intervention in ovarian cancer enhanced survival (LIVES) study (NRG/GOG0225): Recruitment, retention and baseline characteristics of a randomized trial of diet and physical activity in ovarian cancer survivors.** *Gynecologic oncology*
Thomson, C. A., Crane, T. E., Miller, A., Gold, M. A., Powell, M., Bixel, K., Van Le, L., DiSilvestro, P., Ratner, E., Lele, S., Guntupalli, S., Huh, W., Robertson, et al
2023; 170: 11-18
- **Safety and feasibility of same-day discharge following minimally invasive hysterectomy in the morbidly obese patient population.** *Gynecologic oncology*
Haight, P. J., Barrington, D. A., Graves, S. M., Piver, R. N., Baek, J., Ardizzone, M., Akinduro, J. A., Busho, A. C., Fadoju, D., Pandit, R., Stephens, R., Strowder, L. M., Tadeipalli, et al

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- **Less is more: clinical utility of postoperative laboratory testing following minimally invasive hysterectomy for endometrial cancer.** *American journal of obstetrics and gynecology*
Lightfoot, M. D., Felix, A. S., Calo, C. A., Hosmer-Quint, J. T., Taylor, K. L., Brown, M. B., Salani, R., Copeland, L. J., O'Malley, D. M., Bixel, K. L., Cohn, D. E., Fowler, J. M., Backes, et al
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- **Help wanted: low provider density is associated with advanced stage cervical cancer.** *International journal of gynecological cancer : official journal of the International Gynecological Cancer Society*
Calo, C., Barrington, D. A., McLaughlin, E. M., Bixel, K.
2022; 32 (11): 1370-1376
- **The contemporary presentation and diagnosis of endometrial cancer recurrence: When, where, and how?** *Gynecologic oncology*
Riedinger, C. J., Patterson, J. M., Backes, F. J., O'Malley, D., Bixel, K. L., Copeland, L. J., Cohn, D. E., Goodfellow, P. J., Cosgrove, C. M.
2022; 167 (2): 174-180
- **Beyond mismatch repair deficiency? Pre-treatment neutrophil-to-lymphocyte ratio is associated with improved overall survival in patients with recurrent endometrial cancer treated with immunotherapy.** *Gynecologic oncology*
Barrington, D. A., Calo, C., Baek, J., Brown, M., Wagner, V., Gonzalez, L., Huffman, A., Benedict, J., Bixel, K.
2022; 166 (3): 522-529
- **High pre-treatment neutrophil-to-lymphocyte ratio as a prognostic marker for worse survival in patients with recurrent/metastatic cervical cancer treated with immune checkpoint inhibitors.** *Gynecologic oncology reports*
Calo, C. A., Barrington, D. A., Brown, M., Gonzalez, L., Baek, J., Huffman, A., Benedict, J., Backes, F., Chambers, L., Cohn, D., Copeland, L., Cosgrove, C., Nagel, et al
2022; 42: 101040
- **Effect of risk-reducing salpingo-oophorectomy on sex steroid hormone serum levels among postmenopausal women: an NRG Oncology/ Gynecologic Oncology Group study.** *American journal of obstetrics and gynecology*
Mai, P. L., Miller, A., Black, A., Falk, R. T., Boggess, J. F., Tucker, K., Stuckey, A. R., Rodriguez, G. C., Wong, C., Amatruda, T. T., Wilkinson, K. J., Modesitt, S. C., Yamada, et al
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- **An investigation into human papillomavirus (HPV) vaccination for patients undergoing surgery for high-grade cervical or vulvar dysplasia.** *Gynecologic oncology reports*
Boyles, G. P., Baek, J., Pandit, R., Cosgrove, C. M., Bixel, K. L.
2022; 41: 101001
- **Who will be readmitted? Evaluation of the laparoscopic hysterectomy readmission score in a gynecologic oncology population undergoing robotic-assisted hysterectomy.** *Gynecologic oncology*
Lightfoot, M. D., Felix, A. S., Bishop, E. E., Henderson, A. P., Vetter, M. H., Salani, R., O'Malley, D. M., Bixel, K. L., Cohn, D. E., Fowler, J. M., Backes, F. J.
2022; 164 (3): 628-638
- **Prognostic significance of ethnicity and age in advanced stage epithelial ovarian cancer: An NRG oncology/gynecologic oncology group study.** *Gynecologic oncology*
duPont, N. C., Enserro, D., Brady, M. F., Moxley, K., Walker, J. L., Cosgrove, C., Bixel, K., Tewari, K. S., Thaker, P., Wahner Hendrickson, A. E., Rubin, S., Fujiwara, K., Casey, et al
2022; 164 (2): 398-405
- **Determinants of Surgical Approach and Survival Among Women with Endometrial Carcinoma.** *Journal of minimally invasive gynecology*
Bixel, K., Barrington, D. A., Vetter, M. H., Suarez, A. A., Felix, A. S.
2022; 29 (2): 219-230
- **Endometrial Cancer: Who Lives, Who Dies, Can We Improve Their Story?** *The oncologist*
Cosgrove, C. M., Backes, F. J., O'Malley, D., Bixel, K. L., Suarez, A. A., Fowler, J. M., Copeland, L. J., Goodfellow, P. J., Cohn, D. E.
2021; 26 (12): 1044-1051
- **Wound complications following vulvar excision for nonmalignant lesions.** *AJOG global reports*
Boyles, G. P., Weaver, A. M., Cohn, D. E., Backes, F. J., Copeland, L. J., Bixel, K. L., Fowler, J. M., O'Malley, D. M., Cosgrove, C. M.
2021; 1 (4): 100022

- **Lenvatinib plus pembrolizumab in advanced recurrent endometrial cancer: A cost-effectiveness analysis.** *Gynecologic oncology*
Barrington, D. A., Haight, P. J., Calhoun, C., Tubbs, C., Cohn, D. E., Bixel, K. L.
2021; 162 (3): 626-630
- **Phase I evaluation of lenvatinib and weekly paclitaxel in patients with recurrent endometrial, ovarian, fallopian tube, or primary peritoneal Cancer.** *Gynecologic oncology*
Backes, F. J., Wei, L., Chen, M., Hill, K., Dzwigalski, K., Poi, M., Phelps, M., Salani, R., Copeland, L. J., Fowler, J. M., Cohn, D. E., Bixel, K., Cosgrove, et al
2021; 162 (3): 619-625
- **Pathologic and clinical tumor size discordance in early-stage cervical cancer: Does it matter?** *Gynecologic oncology*
Vetter, M. H., Smrz, S., Gehrig, P. A., Peng, K., Matsuo, K., Davidson, B. A., Cisa, M. P., Lees, B. F., Brunette, L. L., Tucker, K., Stuart Staley, A., Gottlieb, W. H., Holloway, et al
2020; 159 (2): 354-358
- **Pathologic chemotherapy response score in epithelial ovarian cancer: Surgical, genetic, and survival considerations.** *Surgical oncology*
Barrington, D. A., Felix, A. S., Owda, R., Suarez, A. A., Cohen, D. W., Senter, L., Copeland, L. J., Fowler, J. M., Backes, F. J., Cohn, D. E., Bixel, K. L., O'Malley, D. M., Salani, et al
2020; 34: 40-45
- **Recurrence Rates in Patients With Cervical Cancer Treated With Abdominal Versus Minimally Invasive Radical Hysterectomy: A Multi-Institutional Retrospective Review Study.** *Journal of clinical oncology : official journal of the American Society of Clinical Oncology*
Uppal, S., Gehrig, P. A., Peng, K., Bixel, K. L., Matsuo, K., Vetter, M. H., Davidson, B. A., Cisa, M. P., Lees, B. F., Brunette, L. L., Tucker, K., Stuart Staley, A., Gottlieb, et al
2020; 38 (10): 1030-1040
- **Intraperitoneal chemotherapy following neoadjuvant chemotherapy and optimal interval tumor reductive surgery for advanced ovarian cancer.** *Gynecologic oncology*
Bixel, K., Vetter, M., Davidson, B., Berchuck, A., Cohn, D., Copeland, L., Fowler, J. M., Havrilesky, L., Lee, P. S., O'Malley, D. M., Salani, R., Valea, F., Alvarez Secord, et al
2020; 156 (3): 530-534
- **Preoperative predictors of endometrial cancer at time of hysterectomy for endometrial intraepithelial neoplasia or complex atypical hyperplasia.** *American journal of obstetrics and gynecology*
Vetter, M. H., Smith, B., Benedict, J., Hade, E. M., Bixel, K., Copeland, L. J., Cohn, D. E., Fowler, J. M., O'Malley, D., Salani, R., Backes, F. J.
2020; 222 (1): 60.e1-60.e7
- **Surgical complexity score and role of laparoscopy in women with advanced ovarian cancer treated with neoadjuvant chemotherapy.** *Gynecologic oncology*
Davidson, B. A., Broadwater, G., Crim, A., Boccacio, R., Bixel, K., Backes, F., Previs, R. A., Salinaro, J., Salani, R., Moore, K., Secord, A. A.
2019; 152 (3): 554-559
- **Outpatient desensitization of patients with moderate (high-risk) to severe platinum hypersensitivity reactions.** *Gynecologic oncology*
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2019; 152 (2): 316-321
- **STAT3/PIAS3 Levels Serve as "Early Signature" Genes in the Development of High-Grade Serous Carcinoma from the Fallopian Tube.** *Cancer research*
Saini, U., Suarez, A. A., Naidu, S., Wallbillich, J. J., Bixel, K., Wanner, R. A., Bice, J., Kladney, R. D., Lester, J., Karlan, B. Y., Goodfellow, P. J., Cohn, D. E., Selvendiran, et al
2018; 78 (7): 1739-1750
- **Targeting STAT3 by HO3867 induces apoptosis in ovarian clear cell carcinoma.** *International journal of cancer*
Bixel, K., Saini, U., Kumar Bid, H., Fowler, J., Riley, M., Wanner, R., Deepa Priya Dorayappan, K., Rajendran, S., Konishi, I., Matsumura, N., Cohn, D. E., Selvendiran, K.
2017; 141 (9): 1856-1866
- **Elevated STAT3 expression in ovarian cancer ascites promotes invasion and metastasis: a potential therapeutic target.** *Oncogene*
Saini, U., Naidu, S., ElNaggar, A. C., Bid, H. K., Wallbillich, J. J., Bixel, K., Bolyard, C., Suarez, A. A., Kaur, B., Kuppusamy, P., Hays, J., Goodfellow, P. J., Cohn, et al
2017; 36 (2): 168-181

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Meyer, L. A., Cronin, A. M., Sun, C. C., Bixel, K., Bookman, M. A., Cristea, M. C., Griggs, J. J., Levenback, C. F., Burger, R. A., Mantia-Smaldone, G., Matulonis, U. A., Niland, J. C., O'Malley, et al
2016; 34 (32): 3854-3863
- **Use of CA-125 Tests and Computed Tomographic Scans for Surveillance in Ovarian Cancer.** *JAMA oncology*
Esselen, K. M., Cronin, A. M., Bixel, K., Bookman, M. A., Burger, R. A., Cohn, D. E., Cristea, M., Griggs, J. J., Levenback, C. F., Mantia-Smaldone, G., Meyer, L. A., Matulonis, U. A., Niland, et al
2016; 2 (11): 1427-1433