

# Stanford

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## Elizabeth Kidd

Associate Professor of Radiation Oncology (Radiation Therapy)  
Radiation Oncology - Radiation Therapy

### CLINICAL OFFICES

- **Radiation Oncology**

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### ACADEMIC CONTACT INFORMATION

- **Alternate Contact**

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### Bio

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### CLINICAL FOCUS

- Cancer > Gynecologic Cancer
- Cancer > Radiation Oncology
- Gynecologic Malignancies
- Brachytherapy
- Breast Cancer
- Radiation Oncology
- Gastrointestinal Cancer
- Lung Cancer
- Lymphoma

### ACADEMIC APPOINTMENTS

- Associate Professor - University Medical Line, Radiation Oncology - Radiation Therapy
- Member, Stanford Cancer Institute

### PROFESSIONAL EDUCATION

- Residency: Washington University Dept of Radiation Oncology (2010) MO
- Internship: Washington University Barnes Jewish Hospital Internal Medicine Residency (2006) MO
- Medical Education: Washington University School Of Medicine Registrar (2005) MO
- Board Certification: Radiation Oncology, American Board of Radiology (2011)

### LINKS

- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>

## Research & Scholarship

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### CLINICAL TRIALS

- Novel Serum Markers for Monitoring Response to Anti-Cancer Therapy, Recruiting
- Health and Recovery Program in Increasing Physical Activity Level in Stage IA-III A Endometrial Cancer Survivors, Not Recruiting
- Phase I Pilot Study to Evaluate the Prognostic Value of Perfusion CT for Primary Cervical Cancer, Not Recruiting
- Phase I Stereotactic Body Radiation for Metastatic or Recurrent Platinum-Resistant Ovarian Cancer, Not Recruiting
- Phone or Email Reminder in Increasing Vaginal Dilator Use in Patients With Gynecologic Cancers Undergoing Brachytherapy, Not Recruiting
- Short Course Vaginal Cuff Brachytherapy in Treating Patients With Stage I-II Endometrial Cancer, Not Recruiting
- Tissue and Plasma Biomarkers of Lymph Node Involvement in Cervical Cancer, Not Recruiting

### Publications

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#### PUBLICATIONS

- **Prospective randomized trial of email and/or telephone reminders to enhance vaginal dilator compliance in patients undergoing brachytherapy for gynecologic malignancies.** *Brachytherapy*  
Kozak, M. M., Usoz, M., Fujimoto, D., von Eyben, R., Kidd, E.  
2021
- **Role of brachytherapy in stage III endometrial cancer treated with adjuvant chemotherapy: Identifying factors predictive of a survival benefit.** *Brachytherapy*  
Xiang, M., English, D. P., Kidd, E. A.  
2021
- **Recurrence risk factors in stage IA grade 1 endometrial cancer.** *Journal of gynecologic oncology*  
Nwachukwu, C. n., Baskovic, M. n., Von Eyben, R. n., Fujimoto, D. n., Giaretta, S. n., English, D. n., Kidd, E. n.  
2021
- **Phase II trial evaluating efficacy of a Fitbit program for improving the health of endometrial cancer survivors.** *Gynecologic oncology*  
Rahimy, E. n., Usoz, M. n., von Eyben, R. n., Fujimoto, D. n., Watanabe, D. n., Karam, A. n., Jairam-Thodla, A. n., Mills, M. n., Dorigo, O. n., Diver, E. J., Teng, N. n., English, D. n., Kidd, et al  
2021
- **A Multi-Institutional Analysis of Adjuvant Chemotherapy and Radiation Sequence in Women with Stage IIIC Endometrial Cancer.** *International journal of radiation oncology, biology, physics*  
Hathout, L. n., Wang, Y. n., Wang, Q. n., Vergalasova, I. n., Elshaikh, M. A., Dimitrova, I. n., Damast, S. n., Li, J. Y., Fields, E. C., Beriwal, S. n., Keller, A. n., Kidd, E. A., Usoz, et al  
2021
- **Prospective Randomized Trial of Email and/or Telephone Reminders to Enhance Vaginal Dilator Compliance in Patients Undergoing Brachytherapy for Gynecologic Malignancies**  
Kozak, M., Usoz, M., Fujimoto, D., von Eyben, R., Kidd, E.  
ELSEVIER SCIENCE INC.2020: E10
- **Validated limited gene predictor for cervical cancer lymph node metastases.** *Oncotarget*  
Bloomstein, J. D., von Eyben, R., Chan, A., Rankin, E. B., Fregoso, D. R., Wang-Chiang, J., Lee, L., Xie, L., David, S. M., Stehr, H., Esfahani, M. S., Giaccia, A. J., Kidd, et al  
2020; 11 (24): 2302–9
- **Intensity modulated Ir-192 brachytherapy using high-Z 3D printed applicators.** *Physics in medicine and biology*  
Skinner, L. B., Niedermayr, T., Prionas, N., Perl, J., Fahimian, B. P., Kidd, E.  
2020
- **Executive summary of the American Radium Society Appropriate Use Criteria for management of uterine carcinosarcoma.** *Gynecologic oncology*

Elshaikh, M. A., Modh, A., Jhingran, A., Biagioli, M. C., Coleman, R. L., Gaffney, D. K., Harkenrider, M. M., Heskett, K., Jolly, S., Kidd, E., Lee, L. J., Li, L., Portelance, et al  
2020

- **Parametric Response Mapping of Co-registered Positron Emission Tomography and Dynamic Contrast Enhanced Computed Tomography to Identify Radio-resistant Sub-volumes in Locally Advanced Cervical Cancer.** *International journal of radiation oncology, biology, physics*  
Capaldi, D. P., Hristov, D. H., Kidd, E. A.  
2020
- **Sentinel Lymph Node Biopsies in Endometrial Cancer: Practice Patterns among Gynecologic Oncologists in the United States** *JOURNAL OF MINIMALLY INVASIVE GYNECOLOGY*  
Renz, M., Diver, E., English, D., Kidd, E., Dorigo, O., Karam, A.  
2020; 27 (2): 482–88
- **Improving gynecologic brachytherapy patient experience by optimizing MRI, anesthesia, and scheduling to decrease the length of time tandem and ovoid applicators are in place.** *Brachytherapy*  
Usoz, M., von Eyben, R., Fujimoto, D. K., Kidd, E. A.  
2020
- **Benefit of Cisplatin With Definitive Radiotherapy in Older Women With Cervical Cancer** *JOURNAL OF THE NATIONAL COMPREHENSIVE CANCER NETWORK*  
Xiang, M., Kidd, E. A.  
2019; 17 (8): 969–+
- **Defining the survival benefit of adjuvant pelvic radiotherapy and chemotherapy versus chemotherapy alone in stages III-IVA endometrial carcinoma.** *Gynecologic oncology*  
Xiang, M., English, D. P., Kidd, E. A.  
2019
- **Definitive Radiotherapy with or Without Cisplatin for Cervical Cancer in Older Women**  
Xiang, M., Kidd, E.  
ELSEVIER SCIENCE INC.2019: E11
- **Intensity Modulated Radiation Therapy and Image-Guided Adapted Brachytherapy for Cervix Cancer** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*  
Lin, A. J., Kidd, E., Dehdashti, F., Siegel, B. A., Mutic, S., Thaker, P. H., Massad, L. S., Powell, M. A., Mutch, D. G., Markovina, S., Schwarz, J., Grigsby, P. W.  
2019; 103 (5): 1088–97
- **National patterns of care and cancer-specific outcomes of adjuvant treatment in patients with serous and clear cell endometrial carcinoma** *GYNECOLOGIC ONCOLOGY*  
Xiang, M., English, D. P., Kidd, E. A.  
2019; 152 (3): 599–604
- **Prognostic Significance of P16 Expression and P53 Expression in Primary Vaginal Cancer.** *International journal of gynecological pathology : official journal of the International Society of Gynecological Pathologists*  
Nwachukwu, C. R., Harris, J. P., Chin, A. n., Von Eyben, R. n., Giaretta, S. n., Shaffer, J. L., Hiniker, S. M., Kapp, D. S., Folkins, A. K., Kidd, E. A.  
2019; 38 (6): 588–96
- **Survival benefit of radiation in high-risk, early-stage endometrioid carcinoma.** *Journal of gynecologic oncology*  
Xiang, M. n., Kidd, E. A.  
2019
- **Improving brachytherapy efficiency with dedicated dosimetrist planners** *BRACHYTHERAPY*  
Fujimoto, D. K., von Eyben, R., Usoz, M., Kidd, E. A.  
2019; 18 (1): 103–7
- **Sentinel lymph node biopsies in endometrial cancer - practice patterns among Gynecologic Oncologists in the United States.** *Journal of minimally invasive gynecology*  
Renz, M. n., Diver, E. n., English, D. n., Kidd, E. n., Dorigo, O. n., Karam, A. n.  
2019

- **National patterns of care and cancer-specific outcomes of adjuvant treatment in patients with serous and clear cell endometrial carcinoma.** *Gynecologic oncology*  
Xiang, M., English, D. P., Kidd, E. A.  
2018
- **Prognostic Significance of P16 Expression and P53 Expression in Primary Vaginal Cancer.** *International journal of gynecological pathology : official journal of the International Society of Gynecological Pathologists*  
Nwachukwu, C. R., Harris, J. P., Chin, A., Von Eyben, R., Giaretta, S., Shaffer, J. L., Hiniker, S. M., Kapp, D. S., Folkins, A. K., Kidd, E. A.  
2018
- **IMRT and image-guided adapted brachytherapy for cervix cancer.** *International journal of radiation oncology, biology, physics*  
Lin, A. J., Kidd, E., Dehdashti, F., Siegel, B. A., Mutic, S., Thaker, P. H., Massad, L. S., Powell, M. A., Mutch, D. G., Markovina, S., Schwarz, J., Grigsby, P. W.  
2018
- **Improving brachytherapy efficiency with dedicated dosimetrist planners.** *Brachytherapy*  
Fujimoto, D. K., von Eyben, R., Usoz, M., Kidd, E. A.  
2018
- **Pilot study of combined FDG-PET and dynamic contrast-enhanced CT of locally advanced cervical carcinoma before and during concurrent chemoradiotherapy suggests association between changes in tumor blood volume and treatment response** *CANCER MEDICINE*  
Banks, T. I., von Eyben, R., Hristov, D., Kidd, E. A.  
2018; 7 (8): 3642–51
- **Pilot study of combined FDG-PET and dynamic contrast-enhanced CT of locally advanced cervical carcinoma before and during concurrent chemoradiotherapy suggests association between changes in tumor blood volume and treatment response.** *Cancer medicine*  
Banks, T. I., von Eyben, R., Hristov, D., Kidd, E. A.  
2018
- **Rate of Change in Quantitative PET/CT Metrics Prior to Definitive Chemoradiotherapy for Cervical Cancer Does not Add Prognostic Information Over Single Time Point Metrics**  
Prionas, N. D., von Eyben, R., Hristov, D., Kidd, E.  
ELSEVIER SCIENCE INC.2018: E31–E32
- **Radiation therapy improves disease-specific survival in women with Stage II endometrioid endometrial cancer-Brachytherapy may be sufficient** *BRACHYTHERAPY*  
Nwachukwu, C. R., Von-Eyben, R., Kidd, E. A.  
2018; 17 (2): 383–91
- **Less than whole uterus irradiation for locally advanced cervical cancer maintains locoregional control and decreases radiation dose to bowel.** *Practical radiation oncology*  
Kozak, M. M., Koenig, J. L., von Eyben, R. n., Kidd, E. A.  
2018
- **Extent of lymphovascular space invasion may predict lymph node metastasis in uterine serous carcinoma** *GYNECOLOGIC ONCOLOGY*  
Qian, Y., Pollom, E. L., Nwachukwu, C., Seiger, K., von Eyben, R., Folkins, A. K., Kidd, E. A.  
2017; 147 (1): 24–29
- **Consideration of patient and disease characteristics in selecting radiation regimens for treatment of bone metastases.** *Practical radiation oncology*  
Liu, Y. n., von Eyben, R. n., Kidd, E. A.  
2017
- **ACR Appropriateness Criteria (R) Management of Recurrent Endometrial Cancer** *AMERICAN JOURNAL OF CLINICAL ONCOLOGY-CANCER CLINICAL TRIALS*  
Elshaikh, M. A., Vance, S., Gaffney, D. K., Biagioli, M., Jhingran, A., Jolly, S., Kidd, E., Lee, L. J., Li, L., Moore, D. H., Rao, G. G., Wahl, A. O., Williams, et al  
2016; 39 (5): 507-515
- **Management and Care of Women With Invasive Cervical Cancer: American Society of Clinical Oncology Resource-Stratified Clinical Practice Guideline.** *Journal of global oncology*  
Chuang, L. T., Temin, S., Camacho, R., Duenas-Gonzalez, A., Feldman, S., Gultekin, M., Gupta, V., Horton, S., Jacob, G., Kidd, E. A., Lishimpi, K., Nakisige, C., Nam, et al  
2016; 2 (5): 311–40

- **Nomogram to Predict Risk of Lymph Node Metastases in Patients With Endometrioid Endometrial Cancer.** *International journal of gynecological pathology*  
Pollom, E. L., Conklin, C. M., von Eyben, R., Folkins, A. K., Kidd, E. A.  
2016; 35 (5): 395-401
- **ACR Appropriateness Criteria (R) Adjuvant Management of Early-Stage Endometrial Cancer** *ONCOLOGY-NEW YORK*  
Wahl, A. O., Gaffney, D. K., Jhingran, A., Yashar, C. M., Biagioli, M., Elshaikh, M. A., Jolly, S., Kidd, E., Lee, L. J., Li, L., Moore, D. H., Rao, G. G., Williams, et al  
2016; 30 (9): 816-822
- **ACR Appropriateness Criteria (R) Adjuvant Therapy in Vulvar Cancer** *ONCOLOGY-NEW YORK*  
Jolly, S., Soni, P., Gaffney, D. K., Biagioli, M., Elshaikh, M. A., Jhingran, A., Kidd, E., Lee, L. J., Li, L., Moore, D. H., Rao, G. G., Wahl, A. O., Williams, et al  
2015; 29 (11): 867-?
- **More Accurate Definition of Clinical Target Volume Based on the Measurement of Microscopic Extensions of the Primary Tumor Toward the Uterus Body in International Federation of Gynecology and Obstetrics Ib-IIa Squamous Cell Carcinoma of the Cervix** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*  
Xie, W., Wu, X., Xue, R., Lin, X., Kidd, E. A., Yan, S., Zhang, Y., Zhai, T., Lu, J., Wu, L., Zhang, H., Huang, H., Chen, et al  
2015; 91 (1): 206-212
- **More accurate definition of clinical target volume based on the measurement of microscopic extensions of the primary tumor toward the uterus body in international federation of gynecology and obstetrics Ib-IIa squamous cell carcinoma of the cervix.** *International journal of radiation oncology, biology, physics*  
Xie, W., Wu, X., Xue, R., Lin, X., Kidd, E. A., Yan, S., Zhang, Y., Zhai, T., Lu, J., Wu, L., Zhang, H., Huang, H., Chen, et al  
2015; 91 (1): 206-212
- **ACR Appropriateness Criteria® Advanced Stage Endometrial Cancer.** *American journal of clinical oncology*  
Elshaikh, M. A., Yashar, C. M., Wolfson, A. H., Cardenes, H. R., Erickson, B., Jhingran, A., Jolly, S., Kidd, E., Lee, L. J., Mayr, N. A., Moore, D., Rao, G. G., Small, et al  
2014; 37 (4): 391-396
- **Impact of socioeconomic status and ethnic enclave on cervical cancer incidence among Hispanics and Asians in California.** *Gynecologic oncology*  
Froment, M., Gomez, S. L., Roux, A., DeRouen, M. C., Kidd, E. A.  
2014; 133 (3): 409-415
- **Impact of chemotherapy on normal tissue complication probability models of acute hematologic toxicity in patients receiving pelvic intensity modulated radiation therapy.** *International journal of radiation oncology, biology, physics*  
Bazan, J. G., Luxton, G., Kozak, M. M., Anderson, E. M., Hancock, S. L., Kapp, D. S., Kidd, E. A., Koong, A. C., Chang, D. T.  
2013; 87 (5): 983-991
- **ACR APPROPRIATENESS CRITERIA (R) Management of Vaginal Cancer** *ONCOLOGY-NEW YORK*  
Lee, L. J., Jhingran, A., Kidd, E., Cardenes, H. R., Elshaikh, M. A., Erickson, B., Mayr, N. A., Moore, D., Puthawala, A. A., Rao, G. G., Small, W., Varia, M. A., Wahl, et al  
2013; 27 (11): 1166-1173
- **Primary squamous cell carcinoma of the vagina: Prognostic factors, treatment patterns, and outcomes.** *Gynecologic oncology*  
Hiniker, S. M., Roux, A., Murphy, J. D., Harris, J. P., Tran, P. T., Kapp, D. S., Kidd, E. A.  
2013; 131 (2): 380-385
- **Treatment approach and outcomes of vaginal melanoma.** *International journal of gynecological cancer*  
Kirschner, A. N., Kidd, E. A., Dewees, T., Perkins, S. M.  
2013; 23 (8): 1484-1489
- **ACR Appropriateness Criteria® management of locoregionally advanced squamous cell carcinoma of the vulva.** *American journal of clinical oncology*  
Kidd, E., Moore, D., Varia, M. A., Gaffney, D. K., Elshaikh, M. A., Erickson, B., Jhingran, A., Lee, L. J., Mayr, N. A., Puthawala, A. A., Rao, G. G., Small, W., Wahl, et al  
2013; 36 (4): 415-422
- **Impact of socioeconomic status and degree of ethnic isolation on cervical cancer incidence among Hispanics and Asians in California**  
Froment, M., Roux, A., DeRouen, M. C., Gomez, S., Kidd, E. A.  
AMER SOC CLINICAL ONCOLOGY.2013

- **Changes in Cervical Cancer FDG Uptake During Chemoradiation and Association With Response** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*  
Kidd, E. A., Thomas, M., Siegel, B. A., Dehdashti, F., Grigsby, P. W.  
2013; 85 (1): 116-122
- **FDG-PET-based prognostic nomograms for locally advanced cervical cancer** *GYNECOLOGIC ONCOLOGY*  
Kidd, E. A., El Naqa, I., Siegel, B. A., Dehdashti, F., Grigsby, P. W.  
2012; 127 (1): 136-140
- **ACR Appropriateness Criteria (R) Definitive Therapy for Early-Stage Cervical Cancer** *AMERICAN JOURNAL OF CLINICAL ONCOLOGY-CANCER CLINICAL TRIALS*  
Small, W., Strauss, J. B., Jhingran, A., Yashar, C. M., Cardenes, H. R., Erickson-Wittmann, B. A., Gullett, N., Kidd, E., Lee, L. J., Mayr, N. A., Moore, D., Puthawala, A. A., Rao, et al  
2012; 35 (4): 399-405
- **RADIATION THERAPY FOR PILOCYTIC ASTROCYTOMAS OF CHILDHOOD** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*  
Mansur, D. B., Rubin, J. B., Kidd, E. A., King, A. A., Hollander, A. S., Smyth, M. D., Limbrick, D. D., Park, T. S., Leonard, J. R.  
2011; 79 (3): 829-834
- **The Use of Positron Emission Tomographic Imaging for Image-Guided Therapy** *GYNECOLOGIC RADIATION THERAPY: NOVEL APPROACHES TO IMAGE-GUIDANCE AND MANAGEMENT*  
Kidd, E., Grigsby, P., Viswanathan, A. N., Kirisits, C., Erickson, B. E., Potter, R.  
2011: 41-48
- **CLINICAL OUTCOMES OF DEFINITIVE INTENSITY-MODULATED RADIATION THERAPY WITH FLUORODEOXYGLUCOSE-POSITRON EMISSION TOMOGRAPHY SIMULATION IN PATIENTS WITH LOCALLY ADVANCED CERVICAL CANCER** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*  
Kidd, E. A., Siegel, B. A., Dehdashti, F., Rader, J. S., Mutic, S., Mutch, D. G., Powell, M. A., Grigsby, P. W.  
2010; 77 (4): 1085-1091
- **Anal cancer maximum F-18 fluorodeoxyglucose uptake on positron emission tomography is correlated with prognosis** *RADIOTHERAPY AND ONCOLOGY*  
Kidd, E. A., Dehdashti, F., Siegel, B. A., Grigsby, P. W.  
2010; 95 (3): 288-291
- **Lymph Node Staging by Positron Emission Tomography in Cervical Cancer: Relationship to Prognosis** *JOURNAL OF CLINICAL ONCOLOGY*  
Kidd, E. A., Siegel, B. A., Dehdashti, F., Rader, J. S., Mutch, D. G., Powell, M. A., Grigsby, P. W.  
2010; 28 (12): 2108-2113
- **Pelvic Lymph Node F-18 Fluorodeoxyglucose Uptake as a Prognostic Biomarker in Newly Diagnosed Patients With Locally Advanced Cervical Cancer** *CANCER*  
Kidd, E. A., Siegel, B. A., Dehdashti, F., Grigsby, P. W.  
2010; 116 (6): 1469-1475
- **Cervical Cancer Histology and Tumor Differentiation Affect F-18-Fluorodeoxyglucose Uptake** *Translational Meeting of the American-Society-Therapeutic-Radiology-and-Oncology*  
Kidd, E. A., Spencer, C. R., Huettner, P. C., Siegel, B. A., Dehdashti, F., Rader, J. S., Grigsby, P. W.  
WILEY-BLACKWELL.2009: 3548-54
- **Exploring feature-based approaches in PET images for predicting cancer treatment outcomes.** *Pattern recognition*  
El Naqa, I. n., Grigsby, P. n., Apte, A. n., Kidd, E. n., Donnelly, E. n., Khullar, D. n., Chaudhari, S. n., Yang, D. n., Schmitt, M. n., Laforest, R. n., Thorstad, W. n., Deasy, J. O.  
2009; 42 (6): 1162-71
- **Intratumoral metabolic heterogeneity of cervical cancer** *CLINICAL CANCER RESEARCH*  
Kidd, E. A., Grigsby, P. W.  
2008; 14 (16): 5236-5241
- **The standardized uptake value for F-18 fluorodeoxyglucose is a sensitive predictive biomarker for cervical cancer treatment response and survival** *CANCER*  
Kidd, E. A., Siegel, B. A., Dehdashti, F., Grigsby, P. W.

2007; 110 (8): 1738-1744

- **The efficacy of radiation therapy in the management of grade I astrocytomas** *JOURNAL OF NEURO-ONCOLOGY*

Kidd, E. A., Mansur, D. B., Leonard, J. R., Michalski, J. M., Simpson, J. R., Perry, A.

2006; 76 (1): 55-58

- **Variance in the expression of 5-fluorouracil pathway genes in colorectal cancer** *CLINICAL CANCER RESEARCH*

Kidd, E. A., Yu, J. S., Li, X., Shannon, W. D., Watson, M. A., McLeod, H. L.

2005; 11 (7): 2612-2619