Stanford



Beth Beadle, MD, FASTRO

Professor of Radiation Oncology (Radiation Therapy)

Radiation Oncology - Radiation Therapy

CLINICAL OFFICE (PRIMARY)

- **Radiation Therapy**

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ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

  James Tantoco - Administrative Associate

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  Tel 650-498-4904

Bio

CLINICAL FOCUS

- Radiation Oncology

ACADEMIC APPOINTMENTS

- Professor-Univ Med Line, Radiation Oncology - Radiation Therapy
- Member, Bio-X
- Member, Maternal & Child Health Research Institute (MCHRI)
- Member, Stanford Cancer Institute
- Member, Wu Tsai Neurosciences Institute

ADMINISTRATIVE APPOINTMENTS

- Director of Radiation Oncology Clinical Research, Stanford University, (2017-2020)
- Director of Head and Neck Radiation Oncology, Stanford University, (2017- present)

HONORS AND AWARDS

- ARRO 2024-2025 Educator of the Year, Association of Residents in Radiation Oncology (ARRO) - Stanford University (2025)
- Sarah Donaldson Mentorship Award, Department of Radiation Oncology - Stanford University (2021)
- Henry Kaplan Memorial Teaching Award, Department of Radiation Oncology - Stanford University (2019)
- ARRO 2017-2018 Educator of the Year, Association of Residents in Radiation Oncology (ARRO) - Stanford University (2018)
- International Journal of Radiation Oncology, Biology, and Physics Outstanding Reviewer, International Journal of Radiation Oncology, Biology, and Physics (2013, 2018, 2019)
- AAWR Research and Education Foundation Professional Leadership Award, American Association for Women Radiologists (AAWR) (2012)
- HICARE Travel Grant and Ambassadorship, Hiroshima International Council for Health Care of the Radiation-Exposed (HICARE) (2012)
- AAWR Eleanor Montague Distinguished Resident Award for Radiation Oncology, American Association for Women Radiologists (AAWR) (2008)
- AAWR Member-In-Training Outstanding ASTRO Presentation Award, American Association for Women Radiologists (AAWR) (2008)

- ASTRO Translational Advances in Radiation Oncology and Cancer Imaging Symposium Travel Grant, American Society for Radiation Oncology (ASTRO) (2008)
- American Radium Society Young Oncologist Essay Award, American Radium Society (2008)
- RSNA Roentgen Resident/Fellow Research Award, Radiological Society of North America (RSNA) (2008)
- University of Texas MD Anderson Department of Radiation Oncology Eleanor Montague Research Award, University of Texas MD Anderson Cancer Center (2008)
- ASTRO Residents/Fellows in Radiation Oncology Research Seed Grant, American Society for Radiation Oncology (ASTRO) (2007)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Chair of the Annual Meeting Education Committee, American Society for Radiation Oncology (ASTRO) (2023 - 2026)
- Vice Chair of the Annual Meeting Education Committee, American Society for Radiation Oncology (ASTRO) (2021 - 2023)
- Chair of the Head and Neck Cancer Science Track, American Society for Radiation Oncology (ASTRO) (2018 - 2020)
- Chair of the Head and Neck Education Track, American Society for Radiation Oncology (ASTRO) (2018 - 2021)
- Vice-Chair of the Head and Neck Cancer Science Track, American Society for Radiation Oncology (ASTRO) (2014 - 2017)
- Secretary, American Radium Society (ARS) (2018 - 2021)
- Membership and Credentials Committee Member, American Radium Society (ARS) (2016 - 2021)
- Scientific Program Chair of the 2018 Annual Meeting, American Radium Society (ARS) (2017 - 2017)
- Member-at-Large of the Executive Committee, American Radium Society (ARS) (2014 - 2016)
- Previously Untreated Locally Advanced (PULA) Head and Neck Steering Committee Task Force Member, National Cancer Institute (NCI) (2016 - 2022)
- Expert Panel on Osteonecrosis of the Jaw Member, American Society of Clinical Oncology (ASCO) (2016 - present)
- Payment Reform Working Group Member, American Society for Radiation Oncology (ASTRO) (2014 - present)
- Radiation and Cancer Biology Teaching and Curriculum Committee Member, American Society for Radiation Oncology (ASTRO) (2012 - 2016)

PROFESSIONAL EDUCATION

- Internship: Northwestern University (2005) IL
- BA, Northwestern University College of Arts and Sciences , Chemistry (1996)
- PhD, Northwestern University Graduate School , Biophysics and Structural Biology (2002)
- MD, Northwestern University Feinberg School of Medicine (2004)
- Internship, McGaw Medical Center of Northwestern University , Surgery (2005)
- Residency, University of Texas MD Anderson Cancer Center , Radiation Oncology (2009)
- Board Certification, American Board of Radiology (ABR) , Radiation Oncology (2011)

COMMUNITY AND INTERNATIONAL WORK

- The Radiation Planning Assistant (RPA) for Radiation Therapy in Low and Middle-Income Countries

LINKS

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

Research & Scholarship

CLINICAL TRIALS

- Comparing Cisplatin Every Three Weeks to Cisplatin Weekly When Combined With Radiation for Patients With Advanced Head and Neck Cancer, Not Recruiting
- De-intensified Radiation Therapy With Chemotherapy (Cisplatin) or Immunotherapy (Nivolumab) in Treating Patients With Early-Stage, HPV-Positive, Non-Smoking Associated Oropharyngeal Cancer, Not Recruiting

- Modified Dakin's Solution in Reducing Radiation-Induced Dermatitis in Patients With Head and Neck Cancer Undergoing Radiation Therapy, Not Recruiting
- Radiation Therapy With Durvalumab or Cetuximab in Treating Patients With Locoregionally Advanced Head and Neck Cancer Who Cannot Take Cisplatin, Not Recruiting

Teaching

COURSES

2026-27

- Foundations of Medicine II: INDE 244 (Win)

2025-26

- Foundations of Cancer Biology and Pathology: INDE 210 (Win)
- The Pop Cancer Phenomena: Media, Myths, and Medical Truths: RADO 25N (Aut)

2024-25

- Foundations of Cancer Biology and Pathology: INDE 210 (Win)

2023-24

- Foundations of Cancer Biology and Pathology: INDE 210 (Win)

Publications

PUBLICATIONS

- **High-Risk HPV Testing in Head and Neck Carcinoma: Key Updates from the 2025 College of American Pathologists Guideline.** *Head and neck pathology*
  Faquin, W. C., Lewis, J. S., Beadle, B., Bishop, J. A., Chernock, R. D., Krane, J. F., Moncur, J. T., Rocco, J. W., Schwartz, M. R., Seethala, R. R.
  2025; 19 (1): 115
- **Perceptions and Use of Medical Cannabis in Patients with Head and Neck Cancer.** *American journal of clinical oncology*
  Chiang, J. S., Hall, J., Richter, S., Jackson, S., Qu, V., Pollom, E., Beadle, B. M.
  2025
- **Human Papillomavirus Testing in Head and Neck Carcinomas: Guideline Update.** *Archives of pathology & laboratory medicine*
  Lewis, J. S., Beadle, B., Bishop, J. A., Chernock, R. D., Colasacco, C., Kalicanin, T., Krane, J. F., Lacchetti, C., Moncur, J. T., Rocco, J. W., Schwartz, M. R., Seethala, R. R., Faquin, et al
  2025
- **Artificial Intelligence-Based Radiotherapy Contouring and Planning to Improve Global Access to Cancer Care.** *JCO global oncology*
  Court, L. E., Aggarwal, A., Jhingran, A., Naidoo, K., Netherton, T., Olanrewaju, A., Peterson, C., Parkes, J., Simonds, H., Trauernicht, C., Zhang, L., Beadle, B. M., Radiation Planning Assistant Consortium, et al
  2024; 10: e2300376
- **Radiation Planning Assistant - A Web-based Tool to Support High-quality Radiotherapy in Clinics with Limited Resources.** *Journal of visualized experiments : JoVE*
  Court, L. E., Aggarwal, A., Burger, H., Cardenas, C., Chung, C., Douglas, R., du Toit, M., Jhingran, A., Mumme, R., Muya, S., Naidoo, K., Ndumbalo, J., Netherton, et al
  2023
- **Performance Analysis of a Radiation Oncology Educational Podcast.** *Journal of the American College of Radiology : JACR*
  Wu, T. C., No, H. J., Rahimy, E., Kishan, A. U., Steinberg, M. L., Raldow, A. C., Beadle, B. M.
  2023
- **Addressing the Global Expertise Gap in Radiation Oncology: The Radiation Planning Assistant.** *JCO global oncology*
  Court, L., Aggarwal, A., Burger, H., Cardenas, C., Chung, C., Douglas, R., du Toit, M., Jaffray, D., Jhingran, A., Mejia, M., Mumme, R., Muya, S., Naidoo, et al

2023; 9: e2200431

- **The Potential of Adaptive Radiotherapy For Patients With Head and Neck Cancer-Too Much or Not Enough?** *JAMA oncology*
  Beadle, B. M., Chan, A. W.
  2023

- **Barriers and Facilitators of Implementing Automated Radiotherapy Planning: A Multisite Survey of Low- and Middle-Income Country Radiation Oncology Providers.** *JCO global oncology*
  McGinnis, G. J., Ning, M. S., Beadle, B. M., Joubert, N., Shaw, W., Trauernich, C., Simonds, H., Grover, S., Cardenas, C. E., Court, L. E., Smith, G. L.
  2022; 8: e2100431

- **Clinical Acceptability of Automated Radiation Treatment Planning for Head and Neck Cancer Using the Radiation Planning Assistant.** *Practical radiation oncology*
  Olanrewaju, A., Court, L. E., Zhang, L., Naidoo, K., Burger, H., Dalvie, S., Wetter, J., Parkes, J., Trauernicht, C. J., McCarroll, R. E., Cardenas, C., Peterson, C. B., Benson, et al
  2021

- **Postoperative Observation Versus Radiotherapy for Pathologic N1 Oral Cavity Squamous Cell Carcinoma.** *American journal of clinical oncology*
  Xiang, M. n., Holsinger, F. C., Gensheimer, M. F., Divi, V. n., Pollom, E. L., Colevas, A. D., Le, Q. T., Beadle, B. M.
  2021; Publish Ahead of Print

- **Generating High-Quality Lymph Node Clinical Target Volumes for Head and Neck Cancer Radiotherapy Using a Fully Automated Deep Learning-Based Approach.** *International journal of radiation oncology, biology, physics*
  Cardenas, C. E., Beadle, B. M., Garden, A. S., Skinner, H. D., Yang, J., Rhee, D. J., McCarroll, R. E., Netherton, T. J., Gay, S. S., Zhang, L., Court, L. E.
  2020

- **Treatment Breaks During Definitive Head/Neck Radiotherapy: Survival Impact and Predisposing Factors**
  Xiang, M., Gensheimer, M., Pollom, E., Holsinger, F., Colevas, A., Quynh-Thu Le, Beadle, B.
  ELSEVIER SCIENCE INC.2020: E39

- **Automatic verification of beam apertures for cervical cancer radiotherapy.** *Practical radiation oncology*
  Kisling, K., Cardenas, C., Anderson, B. M., Zhang, J., Jhingran, A., Simonds, H., Balter, P., Howell, R. M., Schmeler, K., Beadle, B. M., Court, L.
  2020

- **Prolongation of definitive head and neck cancer radiotherapy: Survival impact and predisposing factors.** *Radiotherapy and oncology : journal of the European Society for Therapeutic Radiology and Oncology*
  Xiang, M. n., Gensheimer, M. F., Pollom, E. L., Holsinger, F. C., Colevas, A. D., Le, Q. T., Beadle, B. M.
  2020

- **The Emergence of Artificial Intelligence within Radiation Oncology Treatment Planning.** *Oncology*
  Netherton, T. J., Cardenas, C. E., Rhee, D. J., Court, L. E., Beadle, B. M.
  2020: 1–11

- **Medication-Related Osteonecrosis of the Jaw: MASCC/ISOO/ASCO Clinical Practice Guideline.** *Journal of clinical oncology : official journal of the American Society of Clinical Oncology*
  Yarom, N., Shapiro, C. L., Peterson, D. E., Van Poznak, C. H., Bohlke, K., Ruggiero, S. L., Migliorati, C. A., Khan, A., Morrison, A., Anderson, H., Murphy, B. A., Alston-Johnson, D., Mendes, et al
  2019: JCO1901186

- **Integrating Tumor and Nodal Imaging Characteristics at Baseline and Mid-Treatment Computed Tomography Scans to Predict Distant Metastasis in Oropharyngeal Cancer Treated With Concurrent Chemoradiotherapy** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*
  Wu, J., Gensheimer, M. F., Zhang, N., Han, F., Liang, R., Qian, Y., Zhang, C., Fischbein, N., Pollom, E. L., Beadle, B., Quynh-Thu Le, Li, R.
  2019; 104 (4): 942–52

- **Automated treatment planning of postmastectomy radiotherapy** *MEDICAL PHYSICS*
  Kisling, K., Zhang, L., Shaitelman, S. F., Anderson, D., Thebe, T., Yang, J., Balter, P. A., Howell, R. M., Jhingran, A., Schmeler, K., Simonds, H., du Toit, M., Trauernicht, et al
  2019

- **A risk assessment of automated treatment planning and recommendations for clinical deployment** *MEDICAL PHYSICS*
  Kisling, K., Johnson, J. L., Simonds, H., Zhang, L., Jhingran, A., Beadle, B. M., Burger, H., du Toit, M., Joubert, N., Makufa, R., Shaw, W., Trauernicht, C., Balter, et al
  2019; 46 (6): 2567–74

- **Survival After Definitive Chemoradiotherapy With Concurrent Cisplatin or Carboplatin for Head and Neck Cancer.** *Journal of the National Comprehensive Cancer Network : JNCCN*
  Xiang, M. n., Colevas, A. D., Holsinger, F. C., Le, Q. X., Beadle, B. M.
  2019; 17 (9): 1065–73

- **Automated treatment planning of postmastectomy radiotherapy.** *Medical physics*
  Kisling, K. n., Zhang, L. n., Yang, J. n., Balter, P. A., Howell, R. M., Court, L. n., Shaitelman, S. F., Jhingran, A. n., Anderson, D. n., Thebe, T. n., Schmeler, K. n., Simonds, H. n., du Toit, et al
  2019

- **Survival of patients with head and neck cancer treated with definitive radiotherapy and concurrent cisplatin or concurrent cetuximab: A Surveillance, Epidemiology, and End Results-Medicare analysis.** *Cancer*
  Xiang, M., Holsinger, F. C., Colevas, A. D., Chen, M. M., Le, Q., Beadle, B. M.
  2018

- **Retrospective Validation and Clinical Implementation of Automated Contouring of Organs at Risk in the Head and Neck: A Step Toward Automated Radiation Treatment Planning for Low- and Middle-Income Countries.** *Journal of global oncology*
  McCarroll, R. E., Beadle, B. M., Balter, P. A., Burger, H., Cardenas, C. E., Dalvie, S., Followill, D. S., Kisling, K. D., Mejia, M., Naidoo, K., Nelson, C. L., Peterson, C. B., Vorster, et al
  2018: 1–11

- **Comparative Effectiveness and Toxicity of Cetuximab or Cisplatin With Concurrent Radiation for Locoregionally Advanced Squamous Cell Carcinoma of The Head And Neck: A Population-Based Analysis**
  Xiang, M., Holsinger, F., Chen, M., Colevas, A., Beadle, B.
  ELSEVIER SCIENCE INC.2018: E16

- **Human Papillomavirus Testing in Head and Neck Carcinomas Guideline From the College of American Pathologists** *ARCHIVES OF PATHOLOGY & LABORATORY MEDICINE*
  Lewis, J. S., Beadle, B., Bishop, J. A., Chernock, R. D., Colasacco, C., Lacchetti, C., Moncur, J., Rocco, J. W., Schwartz, M. R., Seethala, R. R., Thomas, N. E., Westra, W. H., Faquin, et al
  2018; 142 (5): 559–97

- **Radiation Planning Assistant - A Streamlined, Fully Automated Radiotherapy Treatment Planning System** *JOVE-JOURNAL OF VISUALIZED EXPERIMENTS*
  Court, L. E., Kisling, K., McCarroll, R., Zhang, L., Yang, J., Simonds, H., du Toit, M., Trauernicht, C., Burger, H., Parkes, J., Mejia, M., Bojador, M., Balter, et al
  2018

- **Development and Feasibility of Bundled Payments for the Multidisciplinary Treatment of Head and Neck Cancer: A Pilot Program** *JOURNAL OF ONCOLOGY PRACTICE*
  Spinks, T., Guzman, A., Beadle, B. M., Lee, S., Jones, D., Walters, R., Incalcaterra, J., Hanna, E., Hessel, A., Weber, R., Denney, S., Newcomer, L., Feeley, et al
  2018; 14 (2): E103–E112

- **Reduced feeding tube duration with intensity-modulated radiation therapy for head and neck cancer: A Surveillance, Epidemiology, and End Results-Medicare Analysis.** *Cancer*
  Beadle, B. M., Liao, K., Giordano, S. H., Garden, A. S., Hutcheson, K. A., Lai, S. Y., Guadagnolo, B. A.
  2016

- **The Influence of Diabetes Mellitus and Metformin on Distant Metastases in Oropharyngeal Cancer: A Multicenter Study** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*
  Spratt, D. E., Beadle, B. M., Zumsteg, Z. S., Rivera, A., Skinner, H. D., Osborne, J. R., Garden, A. S., Lee, N. Y.
  2016; 94 (3): 523-531

- **Improved survival using intensity-modulated radiation therapy in head and neck cancers: a SEER-Medicare analysis.** *Cancer*
  Beadle, B. M., Liao, K., Elting, L. S., Buchholz, T. A., Ang, K. K., Garden, A. S., Guadagnolo, B. A.

2014; 120 (5): 702-710

- **Identifying early dehydration risk with home-based sensors during radiation treatment: a feasibility study on patients with head and neck cancer.** *Journal of the National Cancer Institute. Monographs*
  Peterson, S. K., Shinn, E. H., Basen-Engquist, K., Demark-Wahnefried, W., Prokhorov, A. V., Baru, C., Krueger, I. H., Farcas, E., Rios, P., Garden, A. S., Beadle, B. M., Lin, K., Yan, et al
  2013; 2013 (47): 162-168

- **p16 Expression in cutaneous squamous carcinomas with neck metastases: A potential pitfall in identifying unknown primaries of the head and neck** *HEAD AND NECK-JOURNAL FOR THE SCIENCES AND SPECIALTIES OF THE HEAD AND NECK*
  Beadle, B. M., William, W. N., McLemore, M. S., Sturgis, E. M., Williams, M. D.
  2013; 35 (11): 1527-1533

- **Evaluating the impact of patient, tumor, and treatment characteristics on the development of jaw complications in patients treated for oral cancers: A SEER-Medicare analysis** *HEAD AND NECK-JOURNAL FOR THE SCIENCES AND SPECIALTIES OF THE HEAD AND NECK*
  Beadle, B. M., Liao, K., Chambers, M. S., Elting, L. S., Buchholz, T. A., Ang, K. K., Garden, A. S., Guadagnolo, B. A.
  2013; 35 (11): 1599-1605

- **Redesigning residency training with artificial intelligence: Implications for efficiency, quality, and workforce capacity.** *Journal of applied clinical medical physics*
  Court, L. E., Beadle, B., Hassanzadeh, C. J., Gay, S. S., Netherton, T. J., Howell, R. M., Melancon, A. D.
  2026; 27 (11)

- **Reply to: Therapeutic Strategy Concerns for BRAF V600E-Mutated Differentiated Thyroid Cancer.** *Journal of clinical oncology : official journal of the American Society of Clinical Oncology*
  Saba, N. F., Ismaila, N., Worden, F., Beadle, B. M.
  2026: JCO2601611

- **Clinical implementation of an automated VMAT treatment planning script for head and neck cancer patients: three-year experience** *FRONTIERS IN ONCOLOGY*
  Kovalchuk, N., Dong, P., Hui, C., Romero, I., Wang, Z., Shah, L., Pandya, R., Xiang, M., Moding, E. J., Gensheimer, M. F., Beadle, B. M., Le, Q., Xing, et al
  2026; 16

- **Artificial Intelligence-Powered Radiotherapy for Resource-Limited Settings: Advancing Cervical and Prostate Cancer Treatment Planning With the Radiation Planning Assistant.** *JCO global oncology*
  Netherton, T. J., Aggarwal, A., Alakayleh, Q., Beadle, B. M., Brooks, C., Burger, H., Cardenas, C. E., Celaya, A., Chacko, S., Chung, C. V., Douglas, R., El Basha, D., Frank, et al
  2026; 12 (7): e2500702

- **NRG-HN006: Randomized phase II/III trial of sentinel lymph node biopsy versus elective neck dissection for early-stage oral cavity cancer**
  Lai, S., Attwood, K., Chang, S. S., Khan, S. A., Dunlap, N., Beadle, B., Subramaniam, R. M., Yu, J., Lowe, V. J., Truong, M., Kovalchuk, N., Rong, Y., Kappadath, et al
  LIPPINCOTT WILLIAMS & WILKINS.2026: TPS6138

- **Does One Size Fit All? Commentary on the HYPNO Trial.** *International journal of radiation oncology, biology, physics*
  Beadle, B. M., Skinner, H. D.
  2026; 125 (2): 402-403

- **Systemic Treatment of Thyroid Cancer: ASCO Guideline.** *Journal of clinical oncology : official journal of the American Society of Clinical Oncology*
  Saba, N. F., Ismaila, N., Adkins, D., Agrawal, N., Akhave, N., Blomain, E. S., Cabanillas, M. E., Chen, A., Galloway, T. J., Harada, G., Li, D., Noureldine, S. I., Scharpf, et al
  2026: JCO2600235

- **ASO Visual Abstract: Key Updates on the Version 9 AJCC/UICC Staging System for Salivary Gland Carcinoma.** *Annals of surgical oncology*
  Huang, S. H., Seethala, R. R., Patel, S. G., O'Sullivan, B., Lydiatt, W., Ho, A. S., Hosni, A., Vander Poorten, V., Glastonbury, C. M., Bishop, J., Beadle, B., Ha, P., Kakarala, et al
  2026

- **International Consensus Guidelines for Diagnostic Criteria and Checklist for Future Studies for Minimally Invasive Carcinoma ex Pleomorphic Adenoma: An HN CLEAR Initiative.** *Head and neck pathology*

Beadle, B. M., Benzerdjeb, N., Cho, J., Costes-Martineau, V., Faquin, W. C., Gomez, R. S., Gupta, R., Kholová, I., Nagao, T., Rane, S. U., Rito, M., Thompson, L. D., Samra, et al

2026; 20 (1)

- **Quality of life in patients with p16+ oropharyngeal cancer receiving accelerated radiotherapy with either cisplatin or cetuximab in the NRG/RTOG 1016 randomized controlled trial.** *International journal of radiation oncology, biology, physics*

  Ringash, J., Torres-Saavedra, P. A., Gillison, M. L., Caudell, J. J., Adelstein, D. J., Harari, P. M., Sturgis, E. M., Basch, E., Koyfman, S. A., Krempl, G. A., Blakaj, D. M., Bates, J. E., Galloway, et al

  2026

- **Key Updates on the Version 9 AJCC/UICC Staging System for Salivary Gland Carcinoma.** *Annals of surgical oncology*

  Huang, S. H., Seethala, R. R., Patel, S. G., O'Sullivan, B., Lydiatt, W., Ho, A. S., Hosni, A., Vander Poorten, V., Glastonbury, C. M., Bishop, J., Beadle, B., Ha, P., Kakarala, et al

  2026

- **Proposed Version Nine of the AJCC and UICC TNM Classification for Salivary Gland Carcinoma.** *JAMA otolaryngology-- head & neck surgery*

  Huang, S. H., Cotler, J., Palis, B., Seethala, R. R., Hosni, A., O'Sullivan, B., Vander Poorten, V., Bishop, J. A., Glastonbury, C. M., Beadle, B., Ha, P., Kakarala, K., Rodriguez, et al

  2026

- **T1 Microscopic Oropharyngeal Carcinoma: Revealing the Unknown Primary Through Diagnostic TORS.** *Head & neck*

  Holsinger, F. C., Bedi, N., Topf, M. C., Ernst, K. L., Holmes, B. J., Orosco, R. K., Le, Q. T., Colevas, A. D., Starmer, H. M., Beadle, B. M., Rahman, M.

  2026

- **One-year Swallowing Outcomes in a Head and Neck Cancer Cohort: The Impact of Adherence to Swallowing Exercises and Feeding Tube Use.** *Dysphagia*

  Starmer, H. M., McCarroll, L., Goldsmith, T., Kizner, J., Hamilton, J., Yao, T., Beadle, B. M.

  2025

- **Cisplatin during radiation for head and neck cancer: insights from NRG Oncology experience.** *Journal of the National Cancer Institute*

  Sousa, L. G., Edward Bates, J., Anand, P., Caudell, J. J., Colevas, A. D., Runge, C. L., Sharon, J. D., Awan, M., Beadle, B. M., Choe, J. H., Gidley, P. W., Harari, P. M., Henson, et al

  2025

- **Intentional creation of suboptimal, realistic dose distributions.** *Journal of applied clinical medical physics*

  Gay, S. S., Gronberg, M. P., Mumme, R., Beadle, B. M., Jhingran, A., Lim, T. Y., Yu, Z. H., Chung, C., Khan, M., Pinnix, C., Shete, S., Parker, B., Netherton, et al

  2025; 26 (11): e70305

- **Evolving beyond the "unknown primary": Investigating histopathology after diagnostic transoral robotic surgery for microscopic HPV-associated oropharyngeal carcinoma.**

  Bedi, N., Holsinger, F., Topf, M., So, Y., Mooney, K. L., Holmes, B. J., Orosco, R. K., Birkeland, A., Le, Q., Colevas, A., Starmer, H., Beadle, B., Rahman, et al

  LIPPINCOTT WILLIAMS & WILKINS.2025

- **Three year experience of clinical Implementation of an Automated VMAT Treatment Planning Script for Head and Neck Cancer Patients**

  Kovalchuk, N., Dong, P., Xiang, M., Moding, E., Gensheimer, M., Beadle, B., Le, Q., Xing, L., Yang, Y.

  ELSEVIER IRELAND LTD.2025: S2850-S2851

- **Perceptions, Uses, and Information Sources of Medical Cannabis Among Patients With Cancer** *ADVANCES IN RADIATION ONCOLOGY*

  Qu, V., Hui, C., Hall, J., Taparra, K., Kollipara, T., Trieu, S., Beadle, B., Soltys, S., Pollom, E. L.

  2025; 10 (3)

- **Perceptions, Uses, and Information Sources of Medical Cannabis Among Patients With Cancer.** *Advances in radiation oncology*

  Qu, V., Hui, C., Hall, J., Taparra, K., Kollipara, T., Trieu, S., Beadle, B., Soltys, S., Pollom, E. L.

  2025; 10 (3): 101678

- **Large language model-augmented learning for auto-delineation of treatment targets in head-and-neck cancer radiotherapy.** *Radiotherapy and oncology : journal of the European Society for Therapeutic Radiology and Oncology*

  Rajendran, P., Yang, Y., Niedermayr, T. R., Gensheimer, M., Beadle, B., Le, Q. T., Xing, L., Dai, X.

  2025: 110740

- **An automated treatment planning portfolio for whole breast radiotherapy.** *Medical physics*
  Baroudi, H., Che Fru, L., Schofield, D., Roniger, D. L., Nguyen, C., Hancock, D., Chung, C., Beadle, B. M., Gifford, K. A., Netherton, T., Niedzielski, J. S., Melancon, A., Muruganandham, et al
  2024

- **Radiotherapy with cetuximab or durvalumab for locoregionally advanced head and neck cancer in patients with a contraindication to cisplatin (NRG-HN004): an open-label, multicentre, parallel-group, randomised, phase 2/3 trial.** *The Lancet. Oncology*
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