



Lucas Kas Vitzthum, MD

Clinical Associate Professor, Radiation Oncology - Radiation Therapy

CLINICAL OFFICE (PRIMARY)

- **Department of Radiation Oncology**

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ACADEMIC CONTACT INFORMATION

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Bio

BIO

Dr. Vitzthum is a radiation oncologist and clinical associate professor of radiation oncology at Stanford University School of Medicine. He specializes in the treatment of gastrointestinal and thoracic cancers. He also has a clinical and research interest in oligometastatic cancer, which is cancer that has metastasized to a limited number of sites beyond its origin.

He began his career in biomedical engineering and is passionate about integrating new technologies to advance patient care.

Dr. Vitzthum delivers treatment personalized to each patient's condition, overall health, and goals. He believes clear communication between doctor and patient is vital to help patients make informed care decisions.

His research interests include clinical trial development, survivorship, and predictive modeling to personalize patient treatment. He is especially interested in pursuing research that can address unmet clinical needs.

Dr. Vitzthum has received research support through the Radiological Society of North America, the American Society of Clinical Oncology's Conquer Cancer Foundation, and the UCSD Altman Clinical and Translational Research Institute. His work has appeared in International Journal of Radiation Oncology Biology Physics, Annals of Oncology, JAMA Oncology, Clinical Cancer Research, and other publications.

He is a member of the American College of Radiation Oncology, American Society for Radiation Oncology, American Society of Clinical Oncology, and Radiologic Society of North America.

Dr. Vitzthum is also interested in improving access to high-quality cancer care for under-served populations domestically and abroad.

CLINICAL FOCUS

- Radiation Oncology
- Gastrointestinal Cancers
- Lung Cancers
- Stereotactic Body Radiotherapy

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Radiation Oncology - Radiation Therapy
- Member, Stanford Cancer Institute

HONORS AND AWARDS

- Roentgen Research Award, RSNA (2020)
- Endowed Young Investigator Award, American Society of Clinical Oncology (2019)
- Resident Research Grant, RSNA (2019)
- Alpha Omega Alpha Medical Honor Society, University of Minnesota (2014)
- Dean's Merit Scholarship, University of Minnesota Medical School (2010-2015)

PROFESSIONAL EDUCATION

- Medical Education: University of Minnesota School of Medicine (2015) MN
- Board Certification: Radiation Oncology, American Board of Radiology (2021)
- Residency: UCSD Radiation Oncology Residency Program (2020) CA
- Internship: Hennepin County Medical Center Transitional Year Residency (2016) MN

Research & Scholarship

CLINICAL TRIALS

- Personalized Accelerated ChE₂ Radiation (PACER) for Lung Cancer, Recruiting
- Prospective Data Registry and Quality of Life Assessment of Patients Undergoing Radiotherapy With the RefleXion Medical Radiotherapy System, Recruiting
- MR Guided Focused Ultrasound vs Radiotherapy for Palliative Pain Tx in Bone Metastases, Not Recruiting

Teaching

STANFORD ADVISEES

Med Scholar Project Advisor

Matthew Campbell

Publications

PUBLICATIONS

- **Lung Cancer Survival Trends in the Veterans Health Administration.** *Clinical lung cancer*
Moghanaki, D., Taylor, J., Bryant, A. K., Vitzthum, L. K., Sebastian, N., Gutman, D., Burns, A., Huang, Z., Lewis, J. A., Spalluto, L. B., Williams, C. D., Sullivan, D. R., Slatore, et al
2024
- **First-Year Experience of Stereotactic Body Radiation Therapy/Intensity Modulated Radiation Therapy Treatment Using a Novel Biology-Guided Radiation Therapy Machine.** *Advances in radiation oncology*

- Shi, M., Simiele, E., Han, B., Pham, D., Palomares, P., Aguirre, M., Gensheimer, M., Vitzthum, L., Le, Q., Surucu, M., Kovalchuk, N.
2024; 9 (1): 101300
- **BIOGUIDE-X: A First-in-Human Study of the Performance of Positron Emission Tomography-Guided Radiotherapy.** *International journal of radiation oncology, biology, physics*
Vitzthum, L. K., Surucu, M., Gensheimer, M. F., Kovalchuk, N., Han, B., Pham, D., Chang, D., Shirvani, S. M., Aksoy, D., Maniyedath, A., Narayanan, M., Da Silva, A. J., Mazin, et al
2023
 - **Predicting Adverse Cardiac Events After Radiotherapy for Locally Advanced Non-Small Cell Lung Cancer.** *JACC. CardioOncology*
No, H. J., Guo, F. B., Park, N. J., Kastelowitz, N., Rhee, J. W., Clark, D. E., Chin, A. L., Vitzthum, L. K., Horst, K. C., Moding, E. J., Loo, B. W., Diehn, M., Binkley, et al
2023; 5 (6): 775-787
 - **Risk of developing subsequent primary lung cancer after receiving radiation for breast cancer.** *JTCVS open*
Wong, L., Kapula, N., He, H., Guenthart, B. A., Vitzthum, L. K., Horst, K., Liou, D. Z., Backhus, L. M., Lui, N. S., Berry, M. F., Shrager, J. B., Elliott, I. A.
2023; 16: 919-928
 - **Volumetric MRI with sparse sampling for MR-guided 3D motion tracking via sparse prior-augmented implicit neural representation learning.** *Medical physics*
Liu, L., Shen, L., Johansson, A., Balter, J. M., Cao, Y., Vitzthum, L., Xing, L.
2023
 - **Patient Selection and Outcomes for Hypofractionated Accelerated Radiation and Concurrent Chemotherapy for Non-Small-Cell Lung Cancer.** *Clinical lung cancer*
Hui, C., Marquez, C., Lau, B., Das, M., Myall, N. J., Roy, M., Wakelee, H. A., Neal, J. W., Kovalchuk, N., Chin, A., Diehn, M., Loo, B. W., Xiang, et al
2023
 - **Personalized Accelerated ChEMoRadiation (PACER) for Lung Cancer: Protocol for a Bayesian Optimal Phase I/II Trial.** *Clinical lung cancer*
Hui, C., Brown, E., Wong, S., Das, M., Wakelee, H., Neal, J., Ramchandran, K., Myall, N. J., Pham, D., Xing, L., Yang, Y., Kovalchuk, N., Yuan, et al
2023
 - **Outcomes and Imaging Analysis in Hepatocellular Carcinoma Treated With Stereotactic Body Radiation Therapy.** *Practical radiation oncology*
Hui, C., Baclay, R., Lau, B., von Eyben, R., Vitzthum, L., Pollom, E., Chang, D. T.
2023; 13 (2): e139-e148
 - **ASO Visual Abstract: Patterns of Recurrence after Poor Response to Neoadjuvant Chemotherapy in Gastric Cancer and the Role for Adjuvant Radiation.** *Annals of surgical oncology*
Hui, C., Ewongwo, A., Lau, B., Fisher, G., Delitto, D., Poultsides, G., Ho, Q. A., Rahimy, E., Pollom, E., Chang, D. T., Vitzthum, L. K.
2023
 - **ASO Author Reflections: A Role for Neoadjuvant Radiation in the Treatment of Locally Advanced Gastric Cancer?** *Annals of surgical oncology*
Hui, C., Vitzthum, L. K.
2023
 - **Patterns of Recurrence After Poor Response to Neoadjuvant Chemotherapy in Gastric Cancer and the Role for Adjuvant Radiation.** *Annals of surgical oncology*
Hui, C., Ewongwo, A., Lau, B., Fisher, G., Delitto, D., Poultsides, G., Ho, Q., Rahimy, E., Pollom, E., Chang, D. T., Vitzthum, L. K.
2023
 - **Individualized Stereotactic Ablative Radiotherapy for Lung Tumors: The iSABR Phase 2 Nonrandomized Controlled Trial.** *JAMA oncology*
Gensheimer, M. F., Gee, H., Shirato, H., Taguchi, H., Snyder, J. M., Chin, A. L., Vitzthum, L. K., Maxim, P. G., Wakelee, H. A., Neal, J., Das, M., Chang, D. T., Kidd, et al
2023
 - **Diverging Roads in the Management of Metastatic EGFR Mutated Non Small Cell Lung Cancer: Ablate All, None, or Some?** *International journal of radiation oncology, biology, physics*
Vitzthum, L. K., Pollom, E. L.
2023; 116 (3): 479-480
 - **Adaptive Region-Specific Loss for Improved Medical Image Segmentation.** *IEEE transactions on pattern analysis and machine intelligence*

- Chen, Y., Yu, L., Wang, J., Panjwani, N., Obeid, J., Liu, W., Liu, L., Kovalchuk, N., Gensheimer, M. F., Vitzthum, L. K., Beadle, B. M., Chang, D. T., Le, et al
2023; PP
- **Unilateral diaphragmatic paralysis after stereotactic ablative radiotherapy to a lung tumor abutting the course of the phrenic nerve.** *Practical radiation oncology*
Eke, I., Guo, H. H., Loo, J. B., Sung, A. W., Diehn, M., Vitzthum, L., Chin, A. L., Gensheimer, M. F.
2023
 - **Pulmonary Hemorrhage in Patients Treated with Thoracic Stereotactic Ablative Radiotherapy and Anti-Angiogenic Agents.** *Journal of thoracic oncology : official publication of the International Association for the Study of Lung Cancer*
Lau, B., Wu, Y. F., No, H. J., Ko, R. B., Devine, M., Das, M. S., Neal, J. W., Wakelee, H. A., Ramchandran, K., Gensheimer, M. F., Diehn, M., Chin, A. L., Loo, et al
2023
 - **Clinical consensus guideline on the management of pheochromocytoma and paraganglioma in patients harbouring germline SDHD pathogenic variants.** *The lancet. Diabetes & endocrinology*
Taïeb, D., Wanna, G. B., Ahmad, M., Lussey-Lepoutre, C., Perrier, N. D., Nölting, S., Amar, L., Timmers, H. J., Schwam, Z. G., Estrera, A. L., Lim, M., Pollom, E. L., Vitzthum, et al
2023
 - **Real-world risk of brain metastases in stage III non-small cell lung cancer in the era of PET and MRI staging.** *Frontiers in oncology*
Alhusaini, S., Lanman, T. A., Ko, R. B., Therkelsen, K. E., Eyben, R. V., Diehn, M., Soltys, S. G., Pollom, E. L., Chin, A., Vitzthum, L., Wakelee, H. A., Padda, S. K., Ramchandran, et al
2023; 13: 1139940
 - **ASO Visual Abstract: Impact of Delaying Surgery After Chemoradiation on Outcomes for Locally Advanced Esophageal Squamous Cell Carcinoma.** *Annals of surgical oncology*
Wong, L. Y., Liou, D. Z., Vitzthum, L. K., Backhus, L. M., Lui, N. S., Chang, D., Shrager, J. B., Berry, M. F.
2023
 - **Mitigation of IMRT/SBRT treatment planning errors on the RefleXion X1 system using FMEA within Six Sigma framework** *Advances in Radiation Oncology*
Simiele, E., Han, B., Skinner, L., Pham, D., Lewis, J., Gensheimer, M., Vitzthum, L., Chang, D., Surucu, M., Kovalchuk, N.
2023
 - **Impact of Delaying Surgery After Chemoradiation on Outcomes for Locally Advanced Esophageal Squamous Cell Carcinoma.** *Annals of surgical oncology*
Wong, L., Liou, D. Z., Vitzthum, L. K., Backhus, L. M., Lui, N. S., Chang, D., Shrager, J. B., Berry, M. F.
2022
 - **Quantitative prediction of aspiration risk in head and neck cancer patients treated with radiation therapy.** *Oral oncology*
Liu, H. C., Williamson, C. W., Zou, J., Todd, J. R., Nelson, T. J., Hill, L. M., Linnemeyer, K. E., Henderson, G., Madgula, P., Faung, B., Sacco, A. G., Vitzthum, L. K., Weissbrod, et al
2022; 136: 106247
 - **Image-mode performance characterization of a positron emission tomography subsystem designed for Biology-guided radiotherapy (BgRT).** *The British journal of radiology*
Hu, Z., Bieniosek, M., Ferri, V., Iagaru, A., Kovalchuk, N., Han, B., Xing, L., Vitzthum, L., Olcott, P., Narayanan, M., Laurence, T., Ren, Y., Oderinde, et al
2022: 20220387
 - **Regression of Malignant Pleural Mesothelioma in Absence of Chemotherapy or Surgery: A Case Series.** *Clinical lung cancer*
Nief, C. A., No, H. J., Louie, C. Y., Vitzthum, L., Das, M.
2022
 - **Early Outcomes and Toxicity with Concurrent Chemotherapy and Hypofractionated Radiation Therapy in Patients with Non-Small Cell Lung Cancer**
Hui, C., Marquez, C., Lau, B., Von Eyben, R., Das, M., Myall, N., Roy, M., Chin, A., Diehn, M., Loo, B., Vitzthum, L.
LIPPINCOTT WILLIAMS & WILKINS.2022: S44
 - **Dosimetric Predictors of Local Control after Stereotactic Ablative Radiotherapy (SABR) for Lung Tumors: A Secondary Analysis of a Phase II Prospective Trial of Individualized SABR (iSABR)**
Wu, Y., Lau, B., Fu, J., Skinner, L., Gensheimer, M., Gee, H., Diehn, M., Loo, B., Chin, A., Vitzthum, L.
LIPPINCOTT WILLIAMS & WILKINS.2022: S16

- **Rectosigmoid Cancer-Rectal Cancer or Sigmoid Cancer?** *American journal of clinical oncology*
Hui, C., Baclay, R., Liu, K., Sandhu, N., Loo, P., von Eyben, R., Chen, C., Sheth, V., Vitzthum, L., Chang, D., Pollom, E.
2022
- **Isolated Nodal Recurrence After Definitive Stereotactic Ablative Radiotherapy for Non-Small Cell Lung Cancer.** *Practical radiation oncology*
Devine, M., Merriott, D. J., No, H. J., Lau, B., Say, C., Yoo, C., Yi, E., Ko, R. B., Neal, J. W., Wakelee, H. A., Das, M., Loo, B. W., Diehn, et al
2022
- **Neoadjuvant therapy in the post-German rectal trial era: making sense in the absence of consensus.** *Practical radiation oncology*
Hui, C., Vitzthum, L. K., Chang, D. T., Pollom, E. L.
2022
- **Evaluating High-Dimensional Machine Learning Models to Predict Hospital Mortality Among Older Patients With Cancer.** *JCO clinical cancer informatics*
Qiao, E. M., Qian, A. S., Nalawade, V., Voora, R. S., Kotha, N. V., Vitzthum, L. K., Murphy, J. D.
2022; 6: e2100186
- **Characterization of Metastatic Non-Small Cell Lung Cancer and Oligometastatic Incidence in an Era of Changing Treatment Paradigms.** *International journal of radiation oncology, biology, physics*
No, H. J., Raja, N., Von Eyben, R., Das, M., Roy, M., Myall, N., Neal, J., Wakelee, H., Chin, A., Diehn, M., Loo, B. W., Chang, D. T., Pollom, et al
2022
- **Validation of NRG Oncology's prognostic nomograms for oropharyngeal cancer in the Veterans Affairs database.** *Cancer*
Nelson, T. J., Thompson, C. A., Zou, J., Kumar, A., Sangchan, P., Williamson, C. W., Vitzthum, L. K., Sharabi, A. B., Murphy, J. D., Fakhry, C. A., Mell, L. K.
2022
- **Jumping to conclusions: Misdiagnosing radiation induced sarcoma as recurrent breast cancer.** *Clinical imaging*
Chughtai, K., Negrete, L., Vitzthum, L. K.
2022; 84: 110-112
- **Bias Reduction through Analysis of Competing Events (BRACE) Correction to Address Cancer Treatment Selection Bias in Observational Data.** *Clinical cancer research : an official journal of the American Association for Cancer Research*
Williamson, C. W., Nelson, T., Thompson, C. A., Vitzthum, L. K., Zakeri, K., Riviere, P., Bryant, A. K., Sharabi, A. B., Zou, J., Mell, L. K.
2022
- **Phase II trial of organ preservation program using short-course radiation and folfoxiri for rectal cancer (SHORT-FOX)**
Pollom, E. L., Shelton, A., Fisher, G. A., Bien, J., King, D., Johnson, T., Chen, C., Shaheen, S., Chong, C., Vitzthum, L., Kirilcuk, N., Morris, A. M., Kin, et al
LIPPINCOTT WILLIAMS & WILKINS.2022
- **Temporal Trends and Predictors of Opioid Use Among Older Patients With Cancer.** *American journal of clinical oncology*
Salans, M., Riviere, P., Vitzthum, L. K., Nalawade, V., Murphy, J. D.
1800
- **Progression Versus Radiation Treatment Changes After Stereotactic Ablative Radiation Therapy of a Liver Metastasis** *PRACTICAL RADIATION ONCOLOGY*
No, H. J., Negrete, L. M., Pollom, E. L., Wakelee, H. A., Chang, D. T., Vitzthum, L. K.
2022; 12 (1): 1-2
- **IMRT and SBRT Treatment Planning Study for the First Clinical Biology-Guided Radiotherapy System.** *Technology in cancer research & treatment*
Pham, D., Simiele, E., Breikreutz, D., Capaldi, D., Han, B., Surucu, M., Oderinde, S., Vitzthum, L., Gensheimer, M., Bagshaw, H., Chin, A., Xing, L., Chang, et al
2022; 21: 15330338221100231
- **Impacts of an Opioid Safety Initiative on United States Veterans Undergoing Cancer Treatment.** *Journal of the National Cancer Institute*
Vitzthum, L. K., Nalawade, V., Riviere, P., Marar, M., Furnish, T., Lin, L. A., Thompson, R., Murphy, J. D.
2022
- **Pulmonary Hemorrhage in Patients Treated With Thoracic Stereotactic Ablative Radiotherapy and Anti-Angiogenic Agents**
Lau, B., No, H. J., Wu, Y. F., Ko, R. B., Devine, M., Das, M., Neal, J. W., Ramchandran, K. J., Wakelee, H. A., Shaheen, S., Diehn, M., Chin, A. L., Loo, et al
ELSEVIER SCIENCE INC.2021: E423

- **Pulmonary Hemorrhage in Patients Treated with Thoracic Stereotactic Ablative Radiotherapy and Anti-Angiogenic Agents**
Lau, B., No, H., (Fred) Wu, Y., Devine, M., Ko, R., Loo, B., Diehn, M., Chin, A., Vitzthum, L.
LIPPINCOTT WILLIAMS & WILKINS.2021: S105
- **IMRT Treatment Planning Study for the First Clinical Biology-guided Radiotherapy System**
Kovalchuk, N., Pham, D., Breikreutz, D., Simiele, E., Capaldi, D., Vitzthum, L., Chang, D.
LIPPINCOTT WILLIAMS & WILKINS.2021: S137-S138
- **Treatment Patterns for Isolated Nodal Recurrences in Non-Small Cell Lung Cancer After Definitive Stereotactic Ablative Radiotherapy**
No, H., Devine, M., Lau, B., Loo, B., Diehn, M., Chin, A., Vitzthum, L.
LIPPINCOTT WILLIAMS & WILKINS.2021: S109
- **Evaluating the clinical trends and benefits of low-dose computed tomography in lung cancer patients.** *Cancer medicine*
Qiao, E. M., Voora, R. S., Nalawade, V., Kotha, N. V., Qian, A. S., Nelson, T. J., Durkin, M., Vitzthum, L. K., Murphy, J. D., Stewart, T. F., Rose, B. S.
2021
- **Trimodality Versus Bimodality Therapy in Patients With Locally Advanced Esophageal Carcinoma: Commentary on the American Society of Clinical Oncology Practice Guidelines.** *Practical radiation oncology*
Vitzthum, L. K., Hui, C., Pollom, E. L., Chang, D. T.
2021
- **Pancreatic Stereotactic Body Radiation Therapy with or without Hypofractionated Elective Nodal Irradiation.** *International journal of radiation oncology, biology, physics*
Miller, J. A., Toesca, D. A., Baclay, J. R., Vitzthum, L. K., Dubrowski, P., Pollom, E. L., Chang, D. T.
2021
- **Impact of the VA opioid safety initiative on pain management for cancer patients.**
Marar, M., Nalawade, V., Panjwani, N., Riviere, P., Furnish, T., Lin, L. A., Thompson, R. F., Murphy, J., Vitzthum, L. K.
LIPPINCOTT WILLIAMS & WILKINS.2021
- **Microstructural injury to corpus callosum and intra-hemispheric white matter tracts correlate with attention and processing speed decline after brain radiation.** *International journal of radiation oncology, biology, physics*
Huynh-Le, M. P., Tibbs, M. D., Karunamuni, R. n., Tringale, K. R., Salans, M. n., Yip, A. n., Connor, M. n., Simon, A. B., Vitzthum, L. K., Reyes, A. n., Macari, A. C., Moiseenko, V. n., McDonald, et al
2021
- **End of treatment cone-beam computed tomography (CBCT) is predictive of radiation response and overall survival in oropharyngeal squamous cell carcinoma.** *Radiation oncology (London, England)*
Sumner, W., Kim, S. S., Vitzthum, L., Moore, K., Atwood, T., Murphy, J., Miyauchi, S., Califano, J. A., Mell, L. K., Mundt, A. J., Sharabi, A. B.
2021; 16 (1): 147
- **Racial, Ethnic, and Socioeconomic Discrepancies in Opioid Prescriptions Among Older Patients With Cancer.** *JCO oncology practice*
Vitzthum, L. K., Nalawade, V. n., Riviere, P. n., Sumner, W. n., Nelson, T. n., Mell, L. K., Furnish, T. n., Rose, B. n., Martínez, M. E., Murphy, J. D.
2021: OP2000773
- **Validation of an oncology-specific opioid risk calculator in cancer survivors.** *Cancer*
Riviere, P., Vitzthum, L. K., Nalawade, V., Deka, R., Furnish, T., Mell, L. K., Rose, B. S., Wallace, M., Murphy, J. D.
2020
- **Comparison of Hematologic Toxicity and Bone Marrow Compensatory Response in Head and Neck vs. Cervical Cancer Patients Undergoing Chemoradiotherapy** *FRONTIERS IN ONCOLOGY*
Vitzthum, L. K., Heide, E. S., Park, H., Williamson, C. W., Sheridan, P., Huynh-Le, M., Sirak, I., Wei, L., Tarnawski, R., Mahantshetty, U., Nguyen, C., Mayadev, J., Yashar, et al
2020; 10: 1179
- **Managing Cancer Pain During the Opioid Epidemic-Balancing Caution and Compassion** *JAMA ONCOLOGY*
Vitzthum, L. K., Riviere, P., Murphy, J. D.
2020; 6 (7): 1103-4
- **Predicting Persistent Opioid Use, Abuse, and Toxicity Among Cancer Survivors.** *Journal of the National Cancer Institute*
Vitzthum, L. K., Riviere, P., Sheridan, P., Nalawade, V., Deka, R., Furnish, T., Mell, L. K., Rose, B., Wallace, M., Murphy, J. D.

2020; 112 (7): 720–27

- **Challenge of Directly Comparing Imaging-Based Diagnoses Made by Machine Learning Algorithms With Those Made by Human Clinicians** *JOURNAL OF CLINICAL ONCOLOGY*
Simon, A. B., Vitzthum, L. K., Mell, L. K.
2020; 38 (16): 1868–+
- **Tobacco smoking and death from prostate cancer in US veterans** *PROSTATE CANCER AND PROSTATIC DISEASES*
Riviere, P., Kumar, A., Luterstein, E., Vitzthum, L. K., Nalawade, V., Sarkar, R. R., Bryant, A. K., Einck, J. P., Mundt, A. J., Murphy, J. D., Rose, B. S.
2020; 23 (2): 252–59
- **African-American men with low-risk prostate cancer treated with radical prostatectomy in an equal-access health care system: implications for active surveillance** *PROSTATE CANCER AND PROSTATIC DISEASES*
Deka, R., Parsons, J., Simpson, D. R., Riviere, P., Nalawade, V., Vitzthum, L. K., Kader, A., Kane, C. J., Rock, C. S., Murphy, J. D., Rose, B. S.
2020
- **Survival of African American and non-Hispanic white men with prostate cancer in an equal-access health care system.** *Cancer*
Riviere, P., Luterstein, E., Kumar, A., Vitzthum, L. K., Deka, R., Sarkar, R. R., Bryant, A. K., Bruggeman, A., Einck, J. P., Murphy, J. D., Martínez, M. E., Rose, B. S.
2020; 126 (8): 1683–1690
- **Risk of Pelvic Fracture With Radiation Therapy in Older Patients** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*
Vitzthum, L. K., Park, H., Zakeri, K., Heide, E. S., Nalawade, V., Mundt, A. J., Vaida, F., Murphy, J. D., Mell, L. K.
2020; 106 (3): 485–92
- **Associations among statins, preventive care, and prostate cancer mortality** *PROSTATE CANCER AND PROSTATIC DISEASES*
Kumar, A., Riviere, P., Luterstein, E., Nalawade, V., Vitzthum, L., Sarkar, R. R., Bryant, A. K., Einck, J. P., Mundt, A. J., Murphy, J. D., Rose, B. S.
2020; 23 (3): 475–85
- **Selection of Head and Neck Cancer Patients for Intensive Therapy** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*
Vitzthum, L. K., Park, H., Zakeri, K., Bryant, A. K., Feng, C., Shen, H., Cohen, E. W., Murphy, J. D., Mell, L. K.
2020; 106 (1): 157–66
- **Predictive classifier for intensive treatment of head and neck cancer.** *Cancer*
Zakeri, K. n., Rotolo, F. n., Lacas, B. n., Vitzthum, L. K., Le, Q. T., Gregoire, V. n., Overgaard, J. n., Hackshaw, A. n., Zackrisson, B. n., Parmar, M. K., Burtness, B. A., Ghi, M. G., Sanguineti, et al
2020
- **Cost-effectiveness Analysis of Stereotactic Ablative Radiotherapy in Patients with Oligometastatic Cancer.** *International journal of radiation oncology, biology, physics*
Kumar, A. n., Straka, C. n., Courtney, P. T., Vitzthum, L. n., Riviere, P. n., Murphy, J. D.
2020
- **Combined Androgen Blockade in Localized Prostate Cancer Treated With Definitive Radiation Therapy** *JOURNAL OF THE NATIONAL COMPREHENSIVE CANCER NETWORK*
Vitzthum, L. K., Straka, C., Sarkar, R. R., McKay, R., Randall, J., Sandhu, A., Murphy, J. D., Rose, B. S.
2019; 17 (12): 1497–+
- **Nomogram to Predict the Benefit of Intensive Treatment for Locoregionally Advanced Head and Neck Cancer.** *Clinical cancer research : an official journal of the American Association for Cancer Research*
Mell, L. K., Shen, H., Nguyen-Tan, P. F., Rosenthal, D. I., Zakeri, K., Vitzthum, L. K., Frank, S. J., Schiff, P. B., Trotti, A., Bonner, J. A., Jones, C. U., Yom, S. S., Thorstad, et al
2019
- **Reducing prolonged chemoradiation treatment times for cervical cancer.** *BMJ open quality*
Vitzthum, L., Yuan, J., Jones, D., Boldt, A., Dusenbery, K.
2019; 8 (3): e000516
- **Prognostic Role of p16 in Nonoropharyngeal Head and Neck Cancer** *JNCI-JOURNAL OF THE NATIONAL CANCER INSTITUTE*
Bryant, A. K., Sojourner, E. J., Vitzthum, L. K., Zakeri, K., Shen, H., Nguyen, C., Murphy, J. D., Califano, J. A., Cohen, E. W., Mell, L. K.
2018; 110 (12): 1393–99

- **Comparison of Comorbidity and Frailty Indices in Patients With Head and Neck Cancer Using an Online Tool** *JCO CLINICAL CANCER INFORMATICS*
Vitzthum, L. K., Feng, C. H., Noticewala, S., Hines, P. J., Nguyen, C., Zakeri, K., Sojourner, E. J., Shen, H., Mell, L. K.
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