

Stanford



Nicholas Trakul

Clinical Associate Professor, Radiation Oncology - Radiation Therapy

CLINICAL OFFICES

- **Stanford Health Care Radiation Oncology at Pleasanton**

5725 W Las Positas Blvd Ste 100B

Pleasanton, CA 94588

Tel (650) 621-7700 **Fax** (925) 660-1166

- **Radiation Oncology**

875 Blake Wilbur Dr

MC 6560

Stanford, CA 94305

Tel (650) 497-8000 **Fax** (650) 497-8001

Bio

CLINICAL FOCUS

- Radiation Oncology

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Radiation Oncology - Radiation Therapy

ADMINISTRATIVE APPOINTMENTS

- Associate Chair: Director of Radiation Oncology Network, Stanford Radiation Oncology, (2022- present)
- Medical Director, Eden Radiation Oncology Center, (2022- present)
- Medical Director, Stanford Radiation Oncology Pleasanton, (2017- present)

HONORS AND AWARDS

- Malcolm Bagshaw Award, Stanford University, Department of Radiation Oncology (2013)
- Introduction to Academic Radiology Program at the Annual RSNA Meeting, Travel Award: RSNA/AUR/ARRS (2010)
- James A Orbison, MD Award, Intern of the Year, University of Hawaii (2009)
- Academic Achievement Award, Wayne State University (2008)
- Gordon B. Myers Award, Wayne State University, Department of Internal Medicine (2008)
- Elected to Alpha Omega Honor Society, Wayne State University School of Medicine (2006)
- Edwin H. Lorentzen Scholarship, Wayne State University School of Medicine, Detroit MI (2005)

PROFESSIONAL EDUCATION

- Medical Education: Wayne State University School of Medicine (2008) MI
- PhD Training: University of Chicago (2004) IL
- Board Certification: Radiation Oncology, American Board of Radiology (2014)
- Residency: Stanford University Radiation Oncology Residency (2013) CA
- Internship: University of Hawaii Internal Medicine Residency Program (2009) HI

LINKS

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

Publications

PUBLICATIONS

- **Detection of Recurrence After Thoracic Stereotactic Ablative Radiotherapy Using FDG-PET-CT.** *Clinical lung cancer*
Sodji, Q. H., Harris, J. P., Quon, A., Modlin, L. A., Lau, B., Jiang, A., Trakul, N., Maxim, P. G., Diehn, M., Loo, B. W., Hiniker, S. M.
2022
- **CT-less electron radiotherapy simulation and planning with a consumer 3D camera.** *Journal of applied clinical medical physics*
Skinner, L., Knopp, R., Wang, Y., Dubrowski, P., Bush, K. K., Limmer, A., Trakul, N., Million, L., Marquez, C. M., Yu, A. S.
2021
- **Challenges in the re-irradiation of locally advanced head and neck cancers: outcomes and toxicities** *JOURNAL OF RADIATION ONCOLOGY*
Phuong, C., Pham, A., Bath, S. S., Tsao-Wei, D., Schechter, N., Jennelle, R. L., Trakul, N., Garsa, A.
2019; 8 (3): 259–66
- **The use of texture-based radiomics CT analysis to predict outcomes in early-stage non-small cell lung cancer treated with stereotactic ablative radiotherapy.** *The British journal of radiology*
Starkov, P., Aguilera, T. A., Golden, D. I., Shultz, D. B., Trakul, N., Maxim, P. G., Le, Q., Loo, B. W., Diehn, M., Depeursinge, A., Rubin, D. L.
2018: 20180228
- **Challenges in the Re-Irradiation of Locally Advanced Head and Neck Cancers: Outcomes and Toxicity from a Single Institution**
Phuong, C., Pham, A., Bath, S., Tsao-Wei, D., Garsa, A. A., Schechter, N., Jennelle, R. L., Trakul, N.
ELSEVIER SCIENCE INC.2018: E32
- **Pre-treatment non-target lung FDG-PET uptake predicts symptomatic radiation pneumonitis following Stereotactic Ablative Radiotherapy (SABR).** *Radiotherapy and oncology*
Chaudhuri, A. A., Binkley, M. S., Rigdon, J., Carter, J. N., Aggarwal, S., Dudley, S. A., Qian, Y., Kumar, K. A., Hara, W. Y., Gensheimer, M., Nair, V. S., Maxim, P. G., Shultz, et al
2016; 119 (3): 454-460
- **Colorectal Histology Is Associated With an Increased Risk of Local Failure in Lung Metastases Treated With Stereotactic Ablative Radiation Therapy** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*
Binkley, M. S., Trakul, N., Jacobs, L. R., von Eyben, R., Quynh-Thu Le, Q. T., Maxim, P. G., Loo, B. W., Shultz, D. B., Diehn, M.
2015; 92 (5): 1044-1052
- **Stereotactic ablative radiotherapy (SABR) for treatment of central and ultra-central lung tumors** *LUNG CANCER*
Chaudhuri, A. A., Tang, C., Binkley, M. S., Jin, M., Wynne, J. F., von Eyben, R., Hara, W. Y., Trakul, N., Loo, B. W., Diehn, M.
2015; 89 (1): 50-56
- **Lung Volume Reduction After Stereotactic Ablative Radiation Therapy of Lung Tumors: Potential Application to Emphysema** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*
Binkley, M. S., Shrager, J. B., Leung, A. N., Popat, R., Trakul, N., Atwood, T. F., Chaudhuri, A., Maxim, P. G., Diehn, M., Loo, B. W.
2014; 90 (1): 216-223
- **Lung volume reduction after stereotactic ablative radiation therapy of lung tumors: potential application to emphysema.** *International journal of radiation oncology, biology, physics*

Binkley, M. S., Shrager, J. B., Leung, A. N., Popat, R., Trakul, N., Atwood, T. F., Chaudhuri, A., Maxim, P. G., Diehn, M., Loo, B. W.
2014; 90 (1): 216-223

- **Imaging Features Associated With Disease Progression After Stereotactic Ablative Radiotherapy for Stage I Non-Small-Cell Lung Cancer** *CLINICAL LUNG CANCER*
Shultz, D. B., Trakul, N., Abelson, J. A., Murphy, J. D., Maxim, P. G., Quynh-Thu Le, Q. T., Loo, B. W., Diehn, M.
2014; 15 (4): 294-301
- **Imaging features associated with disease progression after stereotactic ablative radiotherapy for stage I non-small-cell lung cancer.** *Clinical lung cancer*
Shultz, D. B., Trakul, N., Abelson, J. A., Murphy, J. D., Maxim, P. G., Le, Q., Loo, B. W., Diehn, M.
2014; 15 (4): 294-301 e3
- **Vagal and recurrent laryngeal neuropathy following stereotactic ablative radiation therapy in the chest.** *Practical radiation oncology*
Shultz, D. B., Trakul, N., Maxim, P. G., Diehn, M., Loo, B. W.
2014; 4 (4): 272-278
- **Stereotactic Body Radiotherapy in the Treatment of Pancreatic Cancer** *SEMINARS IN RADIATION ONCOLOGY*
Trakul, N., Koong, A. C., Chang, D. T.
2014; 24 (2): 140-147
- **Stereotactic body radiotherapy in the treatment of pancreatic cancer.** *Seminars in radiation oncology*
Trakul, N., Koong, A. C., Chang, D. T.
2014; 24 (2): 140-147
- **Early-stage non-small cell lung cancer: surgery, stereotactic radiosurgery, and individualized adjuvant therapy.** *Seminars in oncology*
Padda, S. K., Burt, B. M., Trakul, N., Wakelee, H. A.
2014; 41 (1): 40-56
- **Clinical impact of dose overestimation by effective path length calculation in stereotactic ablative radiation therapy of lung tumors.** *Practical radiation oncology*
Liu, M. B., Eclov, N. C., Trakul, N., Murphy, J., Diehn, M., Le, Q., Dieterich, S., Maxim, P. G., Loo, B. W.
2013; 3 (4): 294-300
- **Metabolic imaging metrics correlate with survival in early stage lung cancer treated with stereotactic ablative radiotherapy** *LUNG CANCER*
Abelson, J. A., Murphy, J. D., Trakul, N., Bazan, J. G., Maxim, P. G., Graves, E. E., Quon, A., Quynh-Thu Le, Q. T., Diehn, M., Loo, B. W.
2012; 78 (3): 219-224
- **Metabolic imaging metrics correlate with survival in early stage lung cancer treated with stereotactic ablative radiotherapy.** *Lung cancer*
Abelson, J. A., Murphy, J. D., Trakul, N., Bazan, J. G., Maxim, P. G., Graves, E. E., Quon, A., Le, Q., Diehn, M., Loo, B. W.
2012; 78 (3): 219-224
- **Stereotactic Ablative Radiotherapy for Reirradiation of Locally Recurrent Lung Tumors** *JOURNAL OF THORACIC ONCOLOGY*
Trakul, N., Harris, J. P., Le, Q., Hara, W. Y., Maxim, P. G., Loo, B. W., Diehn, M.
2012; 7 (9): 1462-1465
- **Tumor Volume-Adapted Dosing in Stereotactic Ablative Radiotherapy of Lung Tumors** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*
Trakul, N., Chang, C. N., Harris, J., Chapman, C., Rao, A., Shen, J., Quinlan-Davidson, S., Filion, E. J., Wakelee, H. A., Colevas, A. D., Whyte, R. I., Dieterich, S., Maxim, et al
2012; 84 (1): 231-237
- **Modern Radiation Therapy Techniques for Pancreatic Cancer** *GASTROENTEROLOGY CLINICS OF NORTH AMERICA*
Trakul, N., Koong, A. C., Maxim, P. G., Chang, D. T.
2012; 41 (1): 223-?