Stanford



Mohana Roy, MD

Clinical Assistant Professor, Medicine - Oncology

CLINICAL OFFICE (PRIMARY)

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Bio

BIO

Dr. Roy is a medical oncologist and a clinical assistant professor in the Stanford University School of Medicine Department of Medicine, Division of Medical Oncology. She has expertise in Lung and Thoracic cancers, but with a broad clinical interest in oncology, including in Carcinoma of Unknown Primary (CUP).

Dr. Roy became an oncologist because of her passion for patient care. She is committed to being a clinician and is focused on improving the patient experience, given how the complex process of getting cancer care can be made a bit more seamless. She is the Associate Medical Director for Quality at Stanford Cancer Center from 2022.

She had led major efforts in the cancer program including starting standardized discharge follow up for patients after hospitalization, starting same day clinical care at the cancer center, and also expediting care for patients with an unclear diagnosis of cancer but with suspected imaging concerns.

Her research interests include access to clinical trials, quality improvement and improving care delivery. In that effort, she has published on work regarding patient reported outcomes (PROs), through distress screening with the Stanford Medicine Cancer Center, and in care for patient with limited English proficiency.

Dr. Roy received her medical degree from Albert Einstein College of Medicine, and then completed residency training at Beth Israel Deaconess Medical Center. She then completed fellowship training in Hematology and Oncology at Stanford, where she was chief fellow.

CLINICAL FOCUS

- Thoracic Oncology
- Hematology

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Medicine - Oncology

ADMINISTRATIVE APPOINTMENTS

- Medical Director, Quality, Cancer Destination Service Line, (2022- present)

HONORS AND AWARDS

- Quality Meeting Conquer Cancer Merit Award, American Society of Clinical Oncology (ASCO) (2021)
- Induction and Member, Alpha Omega Alpha (2014)
- Annual Meeting Merit Award, American Society of Clinical Oncology (ASCO) (2020)
- Humanism in Hematology and Oncology Award, Stanford Departments of Hematology and Oncology (2021)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Board Member, Association of Northern California Oncologists (2022 - 2025)
- Member, American Society of Clinical Oncology (2017 - present)

PROFESSIONAL EDUCATION

- Board Certification: Hematology, American Board of Internal Medicine (2021)
- Board Certification: Medical Oncology, American Board of Internal Medicine (2021)
- Board Certification, American Board of Internal Medicine , Hematology (2021)
- Board Certification, American Board of Internal Medicine , Medical Oncology (2021)
- Fellowship: Stanford University Hematology and Oncology Fellowship (2021) CA
- Board Certification: Internal Medicine, American Board of Internal Medicine (2018)
- Residency: Beth Israel Deaconess Medical Center Internal Medicine Residency (2018) MA
- Medical Education: Albert Einstein College of Medicine (2015) NY

COMMUNITY AND INTERNATIONAL WORK

- Volunteer with GO.org

Research & Scholarship

CLINICAL TRIALS

- Adaptive ctDNA-Based Personalization of Treatment During Consolidation Therapy in NSCLC, Recruiting

PROJECTS

- Addressing Cancer Distress Screening for patient with Low or Limited English Proficiency - Stanford Cancer Institute
- Analyzing PROMIS Questionnaires and Quality of Life in Cancer Patients

Publications

PUBLICATIONS

- **Cost-Benefit Analysis of Preventing Acute Care Use in Oncology Patients Following Systemic Therapy Using Medicare Claims Data: Retrospective Cohort Study.** *JMIR medical informatics*
  Keller, S. A., Schuessler, M., Naderalvojoud, B., Seto, T., Tian, L., Roy, M., Hernandez-Boussard, T.
  2025; 13: e77891
- **Central Nervous System Progression in Patients Receiving ALK-Targeted Central Nervous System-Penetrable Tyrosine Kinase Inhibitors: Treatment Patterns and Outcomes.** *JTO clinical and research reports*
  Singhal, S., Hui, C., Neal, J. W., Nagpal, S., Roy, M., Das, M., Ramchandran, K., Pollom, E., Selvaggi, G., Wakelee, H. A., Myall, N. J.
  2025; 6 (12): 100914

- **Central Nervous System Progression in Patients Receiving ALK-Targeted Central Nervous System- Penetrable Tyrosine Kinase Inhibitors: Treatment Patterns and Outcomes** *JTO CLINICAL AND RESEARCH REPORTS*
  Singhal, S., Hui, C., Neal, J. W., Nagpal, S., Roy, M., Das, M., Ramchandran, K., Pollom, E., Selvaggi, G., Wakelee, H. A., Myall, N. J.
  2025; 6 (12)

- **Nativity status and non-small cell lung cancer outcomes**
  Aredo, J. V., Neal, J. W., Kunder, C. A., Ramchandran, K. J., Myall, N. J., Roy, M., Wakelee, H. A.
  AMER ASSOC CANCER RESEARCH.2025: B144

- **Clinical factors and molecular co-alterations impact outcomes in patients receiving first-line osimertinib for EGFR-mutated non-small cell lung cancer.** *Lung cancer (Amsterdam, Netherlands)*
  Sun, F., Banwait, M. K., Singhal, S., Herrmann, A., Piotrowska, Z., Yun, K., Bazhenova, L., Ullah, A. T., Guo, E. W., Wakelee, H. A., Neal, J. W., Das, M. S., Ramchandran, et al
  2025; 208: 108747

- **Leveraging AI to enhance symptom capture and reduced hospitalizations.**
  Koul, A., Roy, M., Hernandez-Boussard, T.
  LIPPINCOTT WILLIAMS & WILKINS.2025: 1572

- **DECODING LYMPHADENOPATHY: A SYSTEM-ATIC ROUTE TO TIMELY CANCER DETECTION**
  Huober, M., Janchenko, L., Roy, M.
  ONCOLOGY NURSING SOC.2025

- **The Impact of Immunotherapy Use in Stage IIIA (T1-2N2) NSCLC: A Nationwide Analysis.** *JTO clinical and research reports*
  Wong, L. Y., Liou, D. Z., Roy, M., Elliott, I. A., Backhus, L. M., Lui, N. S., Shrager, J. B., Berry, M. F.
  2024; 5 (3): 100654

- **Predicting Depression Risk in Patients With Cancer Using Multimodal Data: Algorithm Development Study.** *JMIR medical informatics*
  de Hond, A., van Buchem, M., Fanconi, C., Roy, M., Blayney, D., Kant, I., Steyerberg, E., Hernandez-Boussard, T.
  2024; 12: e51925

- **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

- **Patient-reported distress at a cancer center during the COVID-19 pandemic.** *Scientific reports*
  Shah, M. P., Rosenthal, S. W., Roy, M., Khaki, A. R., Hernandez-Boussard, T., Ramchandran, K.
  2023; 13 (1): 9581

- **Predicting Depression Risk in Patients with Cancer Using Multimodal Data.** *Studies in health technology and informatics*
  de Hond, A., van Buchem, M., Fanconi, C., Roy, M., Blayney, D., Kant, I., Steyerberg, E., Hernandez-Boussard, T.
  2023; 302: 817-818

- **Use of Machine Learning and Lay Care Coaches to Increase Advance Care Planning Conversations for Patients With Metastatic Cancer.** *JCO oncology practice*
  Gensheimer, M. F., Gupta, D., Patel, M. I., Fardeen, T., Hildebrand, R., Teuteberg, W., Seevaratnam, B., Asuncion, M. K., Alves, N., Rogers, B., Hansen, J., DeNofrio, J., Shah, et al
  2022: OP2200128

- **Feasibility of large scale distress screening at an academic center and associated network sites using an adapted patient-reported outcome instrument and reflexive suicide screening.**
  Gupta, D., Savadamuthu, V., Qin, F., Roy, M., Herring, J., Robinson, A., Terrell, C., Neal, J. W., Lahijani, S., Ramchandran, K.
  LIPPINCOTT WILLIAMS & WILKINS.2022: 278

- **An assessment of patient-provider communication surrounding tumor genetic profiling in thoracic oncology**
  Josowitz, J., Roy, M., Larsen, R.
  LIPPINCOTT WILLIAMS & WILKINS.2022: 285

- **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

- **A brief report on the mutational landscape in non-small cell lung cancer of South Asian patients: Comparison at a US and an Indian Institution.** *Lung India : official organ of Indian Chest Society*
  Roy, M., Bal, A., Gupta, N., Prasad, K. T., Wakelee, H. A., Singh, N.
  2022; 39 (4): 315-318

- **Use of systemic cancer treatments based on a validated survival prediction model in metastatic cancer.**
  Roy, M., Gensheimer, M. F., Chang, D., Singhal, S., Khaki, A.
  LIPPINCOTT WILLIAMS & WILKINS.2022

- **Efficacy of an educational comic book for HPV vaccination information in Nigeria.**
  Roy, M., Saleem, A., Said, A., Inoyo, I. E., Garrity, P., Bashorun, Y., Anjorin, T., Ibeka, P., Remen, D., Huang, F. W., Bhatt, A.
  LIPPINCOTT WILLIAMS & WILKINS.2022: E18577

- **Patient-reported distress at a cancer center during the COVID-19 pandemic.**
  Shah, M. P., Rosenthal, S., Roy, M., Khaki, A., Hernandez-Boussard, T., Ramchandran, K.
  LIPPINCOTT WILLIAMS & WILKINS.2022: E18644

- **Implementation and efficacy of a fellow-led, case-based noon lecture series.**
  Dickerson, J., Myall, N., Roy, M., Johnson, T.
  LIPPINCOTT WILLIAMS & WILKINS.2022

- **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

- **Patient-reported outcome measurement implementation in cancer survivors: a systematic review.** *Journal of cancer survivorship : research and practice*
  Singhal, S., Dickerson, J., Glover, M. J., Roy, M., Chiu, M., Ellis-Caleo, T., Hui, G., Tamayo, C., Loecher, N., Wong, H. N., Heathcote, L. C., Schapira, L.
  2022

- **Association of treatment type with patient-reported quality of life in cancer distress screening**
  Roy, M., Rosenthal, S., Shah, M. P., Khaki, A., Bozkurt, S., Seto, T., Blayney, D. W., Hernandez-Boussard, T., Ramchandran, K.
  LIPPINCOTT WILLIAMS & WILKINS.2021

- **Patients' perception of meaning of life and needed support before and after cancer treatment initiation**
  Roy, M., Rosenthal, S., Shah, M., Khaki, A., Hernandez-Boussard, T., Ramchandran, K.
  SPRINGER.2021: S156-S157

- **Association of telemedicine use with disparities in cancer distress screening for patients with limited English proficiency**
  Roy, M., Fardeen, T., Cabot, A., Bruzzone, B., Savadamuthu, V., Kasprick, D., Cheung, L., Teske, E., Ramchandran, K.
  LIPPINCOTT WILLIAMS & WILKINS.2021

- **Implementation of a cloud-based electronic patient-reported outcome (ePRO) platform in patients with advanced cancer.** *Journal of patient-reported outcomes*
  Generalova, O., Roy, M., Hall, E., Shah, S. A., Cunanan, K., Fardeen, T., Velazquez, B., Chu, G., Bruzzone, B., Cabot, A., Fisher, G. A., Srinivas, S., Fan, et al
  2021; 5 (1): 91

- **Implementing Patient-Directed Cancer Education Materials Across Nigeria.** *JCO global oncology*
  Dickerson, J. C., Ibeka, P., Inoyo, I., Oke, O. O., Adewuyi, S. A., Barry, D., Bello, A., Fasawe, O., Garrity, P., Habeebu, M., Huang, F. W., Mulema, V., Nwankwo, et al
  2021; 7: 1610-1619

- **Limited English Proficiency and Disparities in Health Care Engagement Among Patients With Breast Cancer.** *JCO oncology practice*
  Roy, M. n., Purington, N. n., Liu, M. n., Blayney, D. W., Kurian, A. W., Schapira, L. n.
  2021: OP2001093

- **Distress Screening Through Patient-Reported Outcomes Measurement Information System (PROMIS) at an Academic Cancer Center and Network Site: Implementation of a Hybrid Model.** *JCO oncology practice*
  Neal, J. W., Roy, M. n., Bugos, K. n., Sharp, C. n., Galatin, P. S., Falconer, P. n., Rosenthal, E. L., Blayney, D. W., Modaressi, S. n., Robinson, A. n., Ramchandran, K. n.
  2021: OP2000473

- **From metrics to practice: identifying preventable emergency department visits for patients with cancer.** *Supportive care in cancer : official journal of the Multinational Association of Supportive Care in Cancer*
  Roy, M., Halbert, B., Devlin, S., Chiu, D., Graue, R., Zerillo, J. A.
  2020

- **Cancer clinical trial consent forms: A readability analysis.**
  Roy, M., Schapira, L.
  LIPPINCOTT WILLIAMS & WILKINS.2020

- **Distress screening through PROMIS at an academic cancer center and network site: Implementation of a hybrid model.**
  Roy, M., Neal, J. W., Bugos, K., Sharp, C., Falconer, P., Rosenthal, E., Blayney, D. W., Modaressi, S., Robinson, A., Ramchandran, K.
  AMER SOC CLINICAL ONCOLOGY.2020

- **Symptom relief and palliative care in gynecologic oncology.** *Current opinion in obstetrics & gynecology*
  Roy, M., Ramchandran, K.
  2019

- **Feasibility and design of a cloud-based digital platform in patients with advanced cancer.**
  Roy, M., Hall, E., Velazquez, B., Shah, S., Fardeen, T., Cunanan, K., San Pedro-Salcedo, M., Wakelee, H. A., Neal, J. W., Padda, S., Das, M., Fan, A. C., Srinivas, et al
  AMER SOC CLINICAL ONCOLOGY.2019