



Mohana Roy, MD

Clinical Assistant Professor, Medicine - Oncology

CLINICAL OFFICE (PRIMARY)

- **Stanford Cancer Center South Bay**

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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 hematology and oncology.

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 -- from the moment a patient checks in, to how information about their care is conveyed, and how the complex process of getting cancer care can be made a bit more seamless.

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) and their use to help clinical quality efforts- including in the context of a clinical trial with an electronic PRO portal, through distress screening with the Stanford Medicine Cancer Center, and in improving access to such screening and care for patient with limited English proficiency. She is the recipient of both a clinical innovation award through Stanford and an American Society of Clinical Oncology (ASCO) Merit award.

She is the Associate Medical Director for Quality at Stanford Cancer Center from 2022.

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. She was chief fellow for her graduating year during fellowship as well.

CLINICAL FOCUS

- Thoracic Oncology
- Hematology

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Medicine - Oncology

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

- Member, American Society of Clinical Oncology (2017 - present)
- Member, Association of Northern California Oncologists (2018 - 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

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

- **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., Bruzzzone, 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., Modaresi, 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., Modaresi, 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