

Stanford



Manali Patel

Assistant Professor of Medicine (Oncology) at the Palo Alto Veterans Affairs Health Care System

Medicine - Oncology

CLINICAL OFFICES

- **Stanford Cancer Center**

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Bio

CLINICAL FOCUS

- Internal Medicine
- Medical Oncology

ACADEMIC APPOINTMENTS

- Assistant Professor - Med Center Line, Medicine - Oncology
- Member, Stanford Cancer Institute

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Committee Member, Quality Subcommittee, American Society of Hematology (2009 - 2013)
- Committee Member, Communications Committee, American Society of Hematology (2014 - present)
- Committee Member, Cancer Disparities, American Society of Clinical Oncology (2015 - present)

PROFESSIONAL EDUCATION

- Fellowship: Stanford University Hematology and Oncology Fellowship (2013) CA
- Residency: Stanford University Internal Medicine Residency (2009) CA
- Medical Education: University of North Carolina Chapel Hill (2006) NC
- MPH, University of North Carolina Chapel Hill , Maternal/Child Health (2005)
- Board Certification, American Board of Internal Medicine , Internal Medicine (2010)
- Board Certification, Oncology , American Board of Internal Medicine (2013)
- Fellowship, Clinical Excellence Research Center , Trend-bending innovations in cancer care (2013)
- Fellowship, Primary Care and Outcomes Research , Health Services and Outcomes Research (2015)
- MS, Stanford University , Health Services Research (2015)

Research & Scholarship

CLINICAL TRIALS

- Health Care Coach Support in Reducing Acute Care Use and Cost in Patients With Cancer, Recruiting
- Improving Supportive Care For Patients With Thoracic Malignancies, Recruiting
- Lay Health Worker Engage, Educate, and Encourage Patients to Share, Recruiting
- Engagement of Patients With Advanced Cancer, Not Recruiting
- Enhancing Community Capacity to Improve Cancer Care Delivery, Not Recruiting
- Lay Health Worker Led Symptom Assessment Intervention, Not Recruiting
- Safety and Efficacy Study of Abraxane as Maintenance Treatment After Abraxane Plus Carboplatin in 1st Line Stage IIIB / IV Squamous Cell Non-small Cell Lung Cancer, Not Recruiting
- VTX-2337 and Pegylated Liposomal Doxorubicin (PLD) in Patients With Recurrent or Persistent Epithelial Ovarian, Fallopian Tube or Primary Peritoneal Cancer, Not Recruiting
- VTX-2337 in Combination With Radiotherapy in Patients Low-Grade B-cell Lymphomas, Not Recruiting

Publications

PUBLICATIONS

- **End-of-Life Cancer Care Redesign: Patient and Caregiver Experiences in a Lay Health Worker-Led Intervention** *AMERICAN JOURNAL OF HOSPICE & PALLIATIVE MEDICINE*
Patel, M., Moore, D., Coker, T. R.
2019; 36 (12): 1081–88
- **A Community-Partnered, Evidence-Based Approach to Improving Cancer Care Delivery for Low-Income and Minority Patients with Cancer** *JOURNAL OF COMMUNITY HEALTH*
Patel, M., Andrea, N., Jay, B., Coker, T. R.
2019; 44 (5): 912–20
- **Sex disparities in lung cancer incidence: validation of a long-observed trend** *TRANSLATIONAL LUNG CANCER RESEARCH*
Hellyer, J. A., Patel, M. I.
2019; 8 (4): 543–45
- **Collaborative Telerehabilitation-A Smart Move for Patients With Advanced Cancer** *JAMA ONCOLOGY*
Patel, M. I.
2019; 5 (5): 652–53
- **Collaborative Telerehabilitation-A Smart Move for Patients With Advanced Cancer.** *JAMA oncology*
Patel, M. I.
2019
- **A Community-Partnered, Evidence-Based Approach to Improving Cancer Care Delivery for Low-Income and Minority Patients with Cancer.** *Journal of community health*
Patel, M., Andrea, N., Jay, B., Coker, T. R.
2019
- **Questioning Lay Health Worker Influence on Goals-of-Care Documentation and Patient Satisfaction-In Reply.** *JAMA oncology*
Patel, M. I.
2019
- **End-of-Life Cancer Care Redesign: Patient and Caregiver Experiences in a Lay Health Worker-Led Intervention.** *The American journal of hospice & palliative care*
Patel, M. I., Moore, D., Coker, T. R.
2019: 1049909119847967

- **Sex disparities in lung cancer incidence: validation of a long-observed trend.** *Translational lung cancer research*
Hellyer, J. A., Patel, M. I.
2019; 8 (4): 543–45
- **Health System and Beneficiary Costs Associated With Intensive End-of-Life Medical Services.** *JAMA network open*
Gidwani-Marszowski, R., Asch, S. M., Mor, V., Wagner, T. H., Faricy-Anderson, K., Illarmo, S., Hsin, G., Patel, M. I., Ramchandran, K., Lorenz, K. A., Needleman, J.
2019; 2 (9): e1912161
- **Lay Health Worker-Led Cancer Symptom Screening Intervention and the Effect on Patient-Reported Satisfaction, Health Status, Health Care Use, and Total Costs: Results From a Tri-Part Collaboration.** *Journal of oncology practice*
Patel, M. I., Ramirez, D., Agajanian, R., Agajanian, H., Bhattacharya, J., Bundorf, K. M.
2019: JOP1900152
- **Perspectives of Health Care Payer Organizations on Cancer Care Delivery Redesign: A National Study.** *Journal of oncology practice*
Patel, M. I., Moore, D., Bhattacharya, J., Milstein, A., Coker, T. R.
2018: JOP1800331
- **The Employers Centers of Excellence in Cancer Care: A collaboration of employers and providers to improve cancer care.**
Patel, M. I., Lee, R. V., Smithline, N., Ross, O.
AMER SOC CLINICAL ONCOLOGY.2018
- **Financial toxicity of cancer treatment at a diverse county hospital.**
Parikh, D., Ragavan, M., Maitra, D., Aggarwal, S., Patel, M. I.
AMER SOC CLINICAL ONCOLOGY.2018
- **Oncologists' Views on Using Value to Guide Cancer Treatment Decisions** *VALUE IN HEALTH*
Gidwani-Marszowski, R., Nevedal, A. L., Blayney, D. W., Patel, M., Kelly, P., Timko, C., Ramchandran, K., Murrell, S. S., Asch, S. M.
2018; 21 (8): 931–37
- **Effect of a Lay Health Worker Intervention on Goals-of-Care Documentation and on Health Care Use, Costs, and Satisfaction Among Patients With Cancer: A Randomized Clinical Trial.** *JAMA oncology*
Patel, M. I., Sundaram, V., Desai, M., Periyakoil, V. S., Kahn, J. S., Bhattacharya, J., Asch, S. M., Milstein, A., Bundorf, M. K.
2018
- **Development of a multilevel integrated dataset to study lung cancer incidence and risk factors in never-smoking Asian American, Native Hawaiian, and Pacific Islander females.**
DeRouen, M. C., Shariff-Marco, S., Lichtensztajn, D., Jin, A., Daide, Y., Canchola, A. J., Li, Y., Jain, J., Hertz, A., Allen, L., Nie, S., Wong, C. P., Haile, et al
AMER ASSOC CANCER RESEARCH.2018: 81–82
- **The Global ROS1 Initiative: A patient-researcher partnership generating open-source, oncogene-driven cancer models and data**
Freeman-Daily, J., Goldman, L., Tomalia, T., Lovly, C. M., Patel, M. I., Shaw, A. T., Addario, B. J., Walia, G., Young, S. W., Doebele, R. C., ROS1ders
AMER ASSOC CANCER RESEARCH.2018
- **An advance care plan decision support video before major surgery: a patient- and family-centred approach.** *BMJ supportive & palliative care*
Isenberg, S. R., Crossnohere, N. L., Patel, M. I., Conca-Cheng, A., Bridges, J. F., Swoboda, S. M., Smith, T. J., Pawlik, T. M., Weiss, M., Volandes, A. E., Schuster, A., Miller, J. A., Pastorini, et al
2018; 8 (2): 229–36
- **Incidence of lung cancer histologic cell-types according to neighborhood factors: A population based study in California** *PLOS ONE*
DeRouen, M. C., Hu, L., McKinley, M., Gali, K., Patel, M., Clarke, C., Wakelee, H., Haile, R., Gomez, S., Cheng, I.
2018; 13 (5): e0197146
- **Population-based differences in the outcome and presentation of lung cancer patients based upon racial, histologic, and economic factors in all lung patients and those with metastatic disease** *CANCER MEDICINE*
Varlotto, J., Volland, R., McKie, K., Flickinger, J. C., DeCamp, M. M., Maddox, D., Rava, P., Fitzgerald, T. J., Graeber, G., Rassaei, N., Oliveira, P., Ali, S., Belani, et al
2018; 7 (4): 1211–20
- **Quality Of End-Of-Life Care Is Higher In The VA Compared To Care Paid For By Traditional Medicare** *HEALTH AFFAIRS*

- Gidwani-Marszowski, R., Needleman, J., Mor, V., Faricy-Anderson, K., Boothroyd, D. B., Hsin, G., Wagner, T. H., Lorenz, K. A., Patel, M. I., Joyce, V. R., Murrell, S. S., Ramchandran, K., Asch, et al
2018; 37 (1): 95–103
- **Distribution of global health measures from routinely collected PROMIS surveys in patients with breast cancer or prostate cancer.** *Cancer*
Seneviratne, M. G., Bozkurt, S., Patel, M. I., Seto, T., Brooks, J. D., Blayney, D. W., Kurian, A. W., Hernandez-Boussard, T.
2018
 - **Lung cancer incidence trends in California by race/ethnicity, histology, sex, and neighborhood socioeconomic status: An analysis spanning 28 years** *LUNG CANCER*
Patel, M. I., McKinley, M., Cheng, I., Haile, R., Wakelee, H., Gomez, S.
2017; 108: 140–49
 - **A population-based comparative effectiveness study of chemoradiation regimens and sequences in stage III non-small cell lung cancer** *LUNG CANCER*
Harris, J. P., Patel, M. I., Loo, B. W., Wakelee, H. A., Diehn, M.
2017; 108: 173–82
 - **Real-world treatment patterns for patients receiving second-line and third-line treatment for advanced non-small cell lung cancer: A systematic review of recently published studies** *PLOS ONE*
Davies, J., Patel, M., Gridelli, C., De Marinis, F., Waterkamp, D., McCusker, M. E.
2017; 12 (4)
 - **Redesigning Cancer Care Delivery: Views From Patients and Caregivers.** *Journal of oncology practice*
Patel, M. I., Periyakoil, V. S., Blayney, D. W., Moore, D., Nevedal, A., Asch, S., Milstein, A., Coker, T. R.
2017; 13 (4): e291-e302
 - **The Appropriate Provision of Primary versus Specialist Palliative Care to Cancer Patients: Oncologists' Perspectives** *JOURNAL OF PALLIATIVE MEDICINE*
Gidwani, R., Nevedal, A., Patel, M., Blayney, D. W., Timko, C., Ramchandran, K., Kelly, P. A., Asch, S. M.
2017; 20 (4): 395-403
 - **Overview of Thoracic Oncology Trials in Cooperative Groups Around the Globe.** *Clinical lung cancer*
Salahudeen, A. A., Patel, M. I., Baas, P., Curran, W. J., Bradley, J. D., Gandara, D. R., Goss, G. D., Mok, T. S., Ramalingam, S. S., Vokes, E. E., Malik, S. M., Wakelee, H. A.
2017; 18 (1): 5-12
 - **Enhanced Quality Measurement Event Detection: An Application to Physician Reporting.** *EGEMS (Washington, DC)*
Tamang, S. R., Hernandez-Boussard, T., Ross, E. G., Gaskin, G., Patel, M. I., Shah, N. H.
2017; 5 (1): 5
 - **Delivering End-of-Life Cancer Care: Perspectives of Providers.** *The American journal of hospice & palliative care*
Patel, M. I., Periyakoil, V. S., Moore, D., Nevedal, A., Coker, T. R.
2017: 1049909117719879
 - **The Appropriate Provision of Primary Versus Specialist Palliative Care to Cancer Patients: Oncologists' Perspectives.** *Journal of palliative medicine*
Gidwani, R., Nevedal, A., Patel, M., Blayney, D. W., Timko, C., Ramchandran, K., Kelly, P. A., Asch, S. M.
2016
 - **PS01.71: Patient-Driven Epidemiologic Assessment of ROS1-Fusion Driven Cancers: Topic: Medical Oncology.** *Journal of thoracic oncology*
Walia, G., Addario, B. J., Patel, M.
2016; 11 (11S): S315-?
 - **PS01.79: Epidemiology and Characteristics of US Veterans with NSCLC Using US Veterans Affairs (VA) Database: Topic: Medical Oncology.** *Journal of thoracic oncology*
Patel, M. I., Parisi, M., Patel, M., Pelletier, C., Bennett, C. L., Georgantopoulos, P.
2016; 11 (11S): S320-S321
 - **The Burden of Cancer in Asian Americans: A Report of National Mortality Trends by Asian Ethnicity** *CANCER EPIDEMIOLOGY BIOMARKERS & PREVENTION*
Thompson, C. A., Gomez, S. L., Hastings, K. G., Kappahn, K., Yu, P., Shariff-Marco, S., Bhatt, A. S., Wakelee, H. A., Patel, M. I., Cullen, M. R., Palaniappan, L. P.

2016; 25 (10): 1371-1382

- **Acceptance of Advance Directives and Palliative Care Referral for Veterans With Advanced Cancer: A Retrospective Analysis.** *The American journal of hospice & palliative care*
Patel, M. I., Bhattacharya, J., Asch, S. M., Kahn, J.
2016; 33 (8): 742-747
- **Scientific Achievements May Not Reach Everyone: Understanding Disparities in Acute Leukemia.** *Current hematologic malignancy reports*
Patel, M. I.
2016; 11 (4): 265-270
- **Gene by Environment Investigation of Incident Lung Cancer Risk in African-Americans.** *EBioMedicine*
David, S. P., Wang, A., Kapphahn, K., Hedlin, H., Desai, M., Henderson, M., Yang, L., Walsh, K. M., Schwartz, A. G., Wiencke, J. K., Spitz, M. R., Wenzlaff, A. S., Wrensch, et al
2016; 4: 153-161
- **Racial and Ethnic Variations in Lung Cancer Incidence and Mortality: Results From the Women's Health Initiative.** *Journal of clinical oncology*
Patel, M. I., Wang, A., Kapphahn, K., Desai, M., Chlebowski, R. T., Simon, M. S., Bird, C. E., Corbie-Smith, G., Gomez, S. L., Adams-Campbell, L. L., Cote, M. L., Stefanick, M. L., Wakelee, et al
2016; 34 (4): 360-368
- **Reply to M.H. Kanter et al.** *Journal of clinical oncology*
Rhoads, K. F., Patel, M. I., Ma, Y., Schmidt, L. A.
2015; 33 (30): 3519-?
- **Incidence Trends of Lung Cancer by Immigration Status among Chinese Americans** *CANCER EPIDEMIOLOGY BIOMARKERS & PREVENTION*
Gomez, S. L., Yang, J., Lin, S., McCusker, M., Sandler, A., Cheng, I., Wakelee, H. A., Patel, M., Clarke, C. A.
2015; 24 (8): 1157-1164
- **Redesigning Advanced Cancer Care Delivery: Three Ways to Create Higher Value Cancer Care.** *Journal of oncology practice / American Society of Clinical Oncology*
Patel, M. I., Moore, D., Milstein, A.
2015; 11 (4): 280-284
- **Detecting unplanned care from clinician notes in electronic health records.** *Journal of oncology practice / American Society of Clinical Oncology*
Tamang, S., Patel, M. I., Blayney, D. W., Kuznetsov, J., Finlayson, S. G., Vetteth, Y., Shah, N.
2015; 11 (3): e313-9
- **Age and Genetics How Do Prognostic Factors at Diagnosis Explain Disparities in Acute Myeloid Leukemia?** *AMERICAN JOURNAL OF CLINICAL ONCOLOGY-CANCER CLINICAL TRIALS*
Patel, M. I., Ma, Y., Mitchell, B. S., Rhoads, K. F.
2015; 38 (2): 159-164
- **US lung cancer trends by histologic type.** *Cancer*
Patel, M. I., Cheng, I., Gomez, S. L.
2015; 121 (7): 1150-1152
- **How do integrated health care systems address racial and ethnic disparities in colon cancer?** *Journal of clinical oncology*
Rhoads, K. F., Patel, M. I., Ma, Y., Schmidt, L. A.
2015; 33 (8): 854-860
- **How do integrated health care systems address racial and ethnic disparities in colon cancer?** *Journal of clinical oncology*
Rhoads, K. F., Patel, M. I., Ma, Y., Schmidt, L. A.
2015; 33 (8): 854-860
- **How do differences in treatment impact racial and ethnic disparities in acute myeloid leukemia?** *Cancer epidemiology, biomarkers & prevention : a publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology*
Patel, M. I., Ma, Y., Mitchell, B., Rhoads, K. F.
2015; 24 (2): 344-349
- **Integrated health systems and evidence-based care: standardizing treatment to eliminate cancer disparities.** *Future oncology*

- Patel, M. I., Rhoads, K. F.
2015; 11 (12): 1715-1718
- **Are Patients With Thoracic Malignancies at Risk for Uncontrolled Symptoms?** *Journal of oncology practice / American Society of Clinical Oncology*
Patel, M. I., Williams, D. C., Wohlforth, C., Fisher, G., Wakelee, H. A., Blayney, D. W.
2015; 11 (1): e98-e102
 - **Lung Cancer Incidence Trends by Histology Type among Asian American, Native Hawaiian, and Pacific Islander Populations in the United States, 1990-2010** *CANCER EPIDEMIOLOGY BIOMARKERS & PREVENTION*
Cheng, I., Le, G. M., Noone, A., Gali, K., Patel, M., Haile, R. W., Wakelee, H. A., Gomez, S. L.
2014; 23 (11): 2250-2265
 - **Transforming cancer care: are transdisciplinary approaches using design-thinking, engineering, and business methodologies needed to improve value in cancer care delivery?** *Journal of oncology practice / American Society of Clinical Oncology*
Patel, M. I., Moore, D., Blayney, D. W., Milstein, A.
2014; 10 (2): e51-4
 - **Lung cancer incidence trends by histology type among Asian American, Native Hawaiian, and Pacific Islander populations in the United States, 1990-2010.** *Cancer epidemiology, biomarkers & prevention : a publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology*
Cheng, I., Le, G. M., Noone, A. M., Gali, K., Patel, M., Haile, R. W., Wakelee, H. A., Gomez, S. L.
2014; 23 (11): 2250-65
 - **How do social factors explain outcomes in non-small-cell lung cancer among Hispanics in California? Explaining the Hispanic paradox.** *Journal of clinical oncology*
Patel, M. I., Schupp, C. W., Gomez, S. L., Chang, E. T., Wakelee, H. A.
2013; 31 (28): 3572-3578
 - **How do social factors explain outcomes in non-small-cell lung cancer among hispanics in california? Explaining the Hispanic paradox.** *Journal of clinical oncology*
Patel, M. I., Schupp, C. W., Gomez, S. L., Chang, E. T., Wakelee, H. A.
2013; 31 (28): 3572-3578
 - **Seventh Edition (2010) of the AJCC/UICC Staging System for Gastric Adenocarcinoma: Is there Room for Improvement?** *ANNALS OF SURGICAL ONCOLOGY*
Patel, M. I., Rhoads, K. F., Ma, Y., Ford, J. M., Visser, B. C., Kunz, P. L., Fisher, G. A., Chang, D. T., Koong, A., Norton, J. A., Poultsides, G. A.
2013; 20 (5): 1631-1638
 - **The influence of Hispanic ethnicity on nonsmall cell lung cancer histology and patient survival An Analysis of the Surveillance, Epidemiology, and End Results Database** *CANCER*
Gomez, S. L., Schupp, C. W., Patel, M.
2013; 119 (6): 1286-1287
 - **Are Disparities in Acute Myelogenous Leukemia Due to Poor Prognostic Factors At Diagnosis? A National Study** *54th Annual Meeting and Exposition of the American-Society-of-Hematology (ASH)*
Patel, M. I., Ma, Y., Mitchell, B. S., Rhoads, K.
AMER SOC HEMATOLOGY.2012
 - **Understanding disparities in leukemia: a national study** *CANCER CAUSES & CONTROL*
Patel, M. I., Ma, Y., Mitchell, B. S., Rhoads, K. F.
2012; 23 (11): 1831-1837
 - **How Do Social Factors Explain Outcomes In Non-small Cell Lung Cancer Among Hispanic/latinos In California?**
Patel, M. I., Chang, E., Gomez, S., Wakelee, H. A.
LIPPINCOTT WILLIAMS & WILKINS.2012: S216-S216
 - **How do social factors explain outcomes in non-small cell lung cancer among Hispanics/Latinos in California?** *48th Annual Meeting of the American-Society-of-Clinical-Oncology (ASCO)*
Patel, M. I., Chang, E. T., Gomez, S. L., Schupp, C., Wakelee, H. A.
AMER SOC CLINICAL ONCOLOGY.2012

- **Adjuvant chemotherapy for early stage non-small cell lung cancer.** *Frontiers in oncology*
Patel, M. I., Wakelee, H. A.
2011; 1: 45-?