



Carol Marquez, MD

Clinical Professor, Radiation Oncology - Radiation Therapy

CLINICAL OFFICE (PRIMARY)

- **Stanford Cancer Center South Bay**

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ACADEMIC CONTACT INFORMATION

- **Alternate Contact**

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Bio

BIO

Dr. Marquez is a radiation oncologist and the medical director of the Stanford Cancer Center in South Bay. She has board certification in therapeutic radiology and completed fellowship training in the use of radioimmunotherapy and radiosensitizers.

Dr. Marquez educates future specialists in her position as a clinical professor in the Department of Radiation Oncology at Stanford University School of Medicine.

In her clinical practice, she specializes in breast cancer, but treats a broad spectrum of cancers including prostate, lung, colon, lymphoma, and brain tumors. For each patient, she develops a comprehensive, compassionate care plan customized to individual needs. Her goal is to deliver the most effective cancer treatment to help patients enjoy the best possible health and quality of life.

Dr. Marquez has conducted research and published numerous articles in peer-reviewed journals: Clinical Cancer Research, Annals of Surgical Oncology, the Journal of Women's Health, and others. Topics include innovations in surgical decision-making, advanced treatment of prostate cancer, and the effectiveness of stereotactic body radiation therapy (SBRT) in treating larger brain tumors.

She also wrote the chapter on pediatric radiation therapy for the Textbook of Clinical Pediatrics.

She has made presentations to her peers at the annual meeting of the American Society for Therapeutic Radiology (ASTRO) and at the annual Radiation Oncology Conference. Topics include radiation therapy after a mastectomy and advanced management of cancer of the central nervous system

She received a grant to examine the recruitment and retention of minority patients in cancer research. The National Cancer Institute sponsored the study.

Dr. Marquez is a member of the American Society for Therapeutic Radiology, American College of Radiology (ACR), and Society for Neurologic Oncology (SNO). She is a Fellow of the American College of Radiology (FACR).

She participates on multiple committees in the Stanford School of Medicine Clinical Educator Program. She also serves as a radiation oncology expert on the Global Online Breast Tumor Board. This board is sponsored by Massachusetts General Hospital and meets monthly to provide real-time expert opinions for breast cancer cases from cancer centers across the world, including Brazil, Poland, and the Philippines.

CLINICAL FOCUS

- Radiation Oncology
- Brain Cancer
- Breast Cancer
- Lung Cancer
- Prostate Cancer

ACADEMIC APPOINTMENTS

- Clinical Professor, Radiation Oncology - Radiation Therapy

PROFESSIONAL EDUCATION

- Internship: UCSF Dept of Internal Medicine (1988) CA
- Board Certification, American Board of Radiology , Therapeutic Radiology (1992)
- Fellowship, Stanford University, Department of Radiation Therapy , Radioimmunotherapy and Radiosensitizers (1993)
- Residency, University of California, San Francisco School of Medicine , Radiation Oncology (1992)
- Medical Degree, University of California, San Francisco School of Medicine (1987)
- Residency: UCSF Radiation Oncology Residency (1992) CA

LINKS

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

Publications

PUBLICATIONS

- **A phase 2 single-arm trial of high-dose precision targeted radiotherapy added to immunotherapy for patients with metastatic non-small cell lung cancer.** *International journal of radiation oncology, biology, physics*
Gensheimer, M. F., Kotha, N. V., Vitzthum, L. K., Chin, A. L., Jackson, S., 't Erve, I. v., Prapatneni, A., Le-Budka, M. L., Wong, S., Brown, E., Barnick, K., Wakelee, H. A., Das, et al
2024
- **INVESTIGATING THE PREDICTIVE UTILITY OF DOSIMETRY AND IMAGING FOR GRADE #3 CARDIAC EVENTS AFTER BREAST CANCER RADIOTHERAPY**
Guo, F., No, H., Butler, S., Jackson, S., Rhee, J., Clark, D., Marquez, C., Horst, K., Binkley, M.
ELSEVIER SCIENCE INC.2024: 2658
- **An affordable platform for virtual reality-based patient education in radiation therapy.** *Practical radiation oncology*
Schulz, J. B., Dubrowski, P., Blomain, E., Million, L., Qian, Y., Marquez, C., Yu, A. S.
2023
- **Call for action: expanding global access to hereditary cancer genetic testing.** *The Lancet. Oncology*
Bychkovsky, B., Rana, H. Q., Ademuyiwa, F., Plichta, J., Anderson, K., Nogueira-Rodrigues, A., Santa-Maria, C. A., Coffman, L. G., Marquez, C., Das, A., Taghian, A., Koeller, D. R., Sandoval, et al
2022; 23 (9): 1124-1126
- **ASTRO Editorial: ONS Guidelines for Cancer Treatment-Related Radiodermatitis.** *Practical radiation oncology*
Marquez, C. M., Wong, W.

2021; 11 (5): 352-353

- **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
- **Locoregional and Distant Outcomes in Women With cT1-3N1 Breast Cancer Treated With Neoadjuvant Chemotherapy With or Without Adjuvant Radiotherapy.** *Clinical breast cancer*
Kozak, M. M., von Eyben, R., Gutkin, P. M., Vemuri, M., Jacobson, C. E., Karl, J. J., Walck, E., Marquez, C., Horst, K. C.
2021
- **ONS Guidelines for Cancer Treatment-Related Radiodermatitis.** *Oncology nursing forum*
Gosselin, T., Ginex, P. K., Backler, C., Bruce, S. D., Hutton, A., Marquez, C. M., McGee, L. A., Shaftic, A. M., Suarez, L. V., Moriarty, K. A., Maloney, C., Vrabel, M., Morgan, et al
2020; 47 (6): 654–70
- **A randomized phase II study comparing surgical excision versus NeOadjuvant Radiotherapy followed by delayed surgical excision of Ductal carcinoma In Situ (NORDIS)**
Wapnir, I., DeMartini, W., Allison, K., Stone, K., Dirbas, F., Marquez, C., Ikeda, D., Pal, S., Tsai, J., Yang, R., West, R., McMillan, A., Telli, et al
AMER ASSOC CANCER RESEARCH.2020
- **Representation of Women Among Invited Speakers at Medical Specialty Conferences.** *Journal of women's health (2002)*
Larson, A. R., Sharkey, K. M., Poorman, J. A., Kan, C. K., Moeschler, S. M., Chandrabose, R., Marquez, C. M., Dodge, D. G., Silver, J. K., Nazarian, R. M.
2019
- **Observe, and Keep Chemotherapy Up the Sleeve** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*
Marquez, C.
2018; 100 (3): 550
- **Treatment of hormone-refractory prostate cancer with Y-90-CYT-356 monoclonal antibody** *CLINICAL CANCER RESEARCH*
Deb, N., Goris, M., Trisler, K., Fowler, S., Saal, J., Ning, S. C., Becker, M., Marquez, C., Knox, S.
1996; 2 (8): 1289-1297
- **Yttrium-90-labeled anti-CD20 monoclonal antibody therapy of recurrent B-cell lymphoma** *CLINICAL CANCER RESEARCH*
Knox, S. J., Goris, M. L., Trisler, K., Negrin, R., Davis, T., Liles, T. M., GRILLOLOPEZ, A., Chinn, P., Varns, C., Ning, S. C., Fowler, S., Deb, N., Becker, et al
1996; 2 (3): 457-470
- **Treatment of cutaneous T-Cell lymphoma with chimeric anti-CD4 monoclonal antibody** *BLOOD*
Knox, S., Hoppe, R. T., Maloney, D., Gibbs, I., Fowler, S., Marquez, C., Cornbleet, P. J., Levy, R.
1996; 87 (3): 893-899
- **MUSCLE CRAMPING IN PHASE-I CLINICAL-TRIALS OF TIRAPAZAMINE (SR-4233) WITH AND WITHOUT RADIATION** *8th International Conference on Chemical Modifiers of Cancer Treatment*
Doherty, N., Hancock, S. L., Kaye, S., Coleman, C. N., Shulman, L., Marquez, C., Mariscal, C., Rampling, R., Senan, S., ROEMELING, R. V.
PERGAMON-ELSEVIER SCIENCE LTD.1994: 379–82
- **EFFECT OF FILGRASTIM (G-CSF) IN HODGKINS-DISEASE PATIENTS TREATED WITH RADIATION** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*
Knox, S. J., Fowler, S., Marquez, C., Hoppe, R. T.
1994; 28 (2): 445-450