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Memorial Sloan Kettering  
Cancer Center

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## ABOUT US

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Breast Cancer

Lung Cancer

Bladder Cancer

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Languages: English & German

## Request an Appointment

Our Care Advisors can answer many of your questions. They will connect you with the best healthcare provider for your needs.

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# About Me

## What I Do at MSK

- Director, Radiation Oncology, MSK Bergen

## Get To Know Me

I am a radiation oncologist who cares for patients at [Memorial Sloan Kettering Bergen](#). Our team approach allows my colleagues and me to deliver state-of-the-art care close to home.

I see about 400 patients each year, and have been working at Memorial Sloan Kettering Cancer Center since I finished my residency training there in 2003.

[Read more](#)

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## My Role at MSK

A radiation oncologist is a cancer doctor with special training in using radiation therapy (RT) to treat cancer with radiation.

## Areas of Expertise

### My Specialties

Breast Cancer

Lung Cancer

Bladder Cancer

Prostate Cancer

Gynecologic Tumors, Sarcoma

CNS Tumors, Spine Tumors, Head & Neck Cancer

## Education & Honors

### Education

MD, Johns Hopkins School of Medicine (1998) MPH, Johns Hopkins School of Public Health

### Residencies

Radiation Oncology - Memorial Sloan Kettering Cancer Center

## Awards and Honors

Castle Connolly: America's Top Doctor (2024)

Top Doctors New York Metro Area, Castle Connolly (2023)

Castle Connolly: America's Top Doctors (2023)

## Board Certifications

Radiation Oncology

## Insurance Information

Understanding your insurance options is an important part of managing your cancer care. We have relationships with many common healthcare providers and plans.

Don't see your carrier or plan? [We can help you understand your coverage.](#)

If you don't have health insurance or are worried that your care may not be fully covered, our [financial assistance](#) programs may be able to help.

If you have questions about insurance, call us at [646-497-9176](tel:646-497-9176).

## Make an Appointment



**New Patients**

Scheduling an appointment is easy. Click or call [800-525-2225](tel:800-525-2225)— we’re available Monday through Friday, 8 a.m. to 6 p.m. (Eastern time)

[Make an Appointment](#)


**Current Patients**

Request an appointment by logging on to MyMSK or calling your doctor's office. If you aren't registered for MyMSK, call [646-227-2593](tel:646-227-2593) for your Enrollment ID.

## Contact and Location

Dr. Mueller sees patients at one location.


Office Phone

 [201-775-7424](tel:201-775-7424)

Location

 Montvale, NJ

[Memorial Sloan Kettering Bergen](#)

 225 Summit Avenue  
Montvale, NJ 07645  
[Get Directions](#)

Looking to see a doctor at a different location? [See all MSK locations](#).

## Colleagues

Doctors at Memorial Sloan Kettering work as teams, with specialists from all different areas. This allows us to consider all your needs together, and to give you the best possible care.

[See all External Beam Radiotherapy Service, Regional Care Network doctors](#) 

## Clinical Trials



### Find a Clinical Trial for You

Memorial Sloan Kettering's doctors and scientists are constantly developing new treatments for cancer. MSK is typically running hundreds of clinical trials at a given time.

You may be able to participate in a clinical trial even if you are new to MSK. Search our online directory to find trial information and see more about who can participate.

[Search clinical trials](#) →

## Research and Publications

Braunstein LZ, Gillespie EF, Hong L, Xu A, Bakhoum SF, Cuaron J, Mueller B, McCormick B, Cahlon O, Powell S, Khan AJ. Breast Radiation Therapy Under COVID-19 Pandemic Resource Constraints-Approaches to Defer or Shorten From a Comprehensive Cancer Center in the US. *Adv Radiat Oncol* 2020.

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Sillanpaa J, Lovelock M, Mueller B. The effects of the orthopedic metal artifact reduction (O-MAR) algorithm on contouring and dosimetry of head and neck radiotherapy patients. *Med Dosim* 2019.

Ho AY, Ballangrud A, Li G, Gupta GP, McCormick B, Gewanter R, Gelblum D, Zinovoy M, Mueller B, Mychalczak B. Long-Term Pulmonary Outcomes of a Feasibility Study of Inverse-Planned, Multibeam IMRT in Node-Positive Breast Cancer Patients Receiving Regional Nodal Irradiation. *IJROBP* 2018

Fury MG, Sherman EJ, Rao SS, Wolden S, Smith-Marrone S, Mueller B, Ng KK, Dutta PR, Gelblum DY, Lee JL, Shen R, Kurz S, Katabi N, Haque S, Lee NY. *Phase I Study of Weekly nab-Paclitaxel + Weekly Cetuximab + IMRT in patients with stage III-IVB Head and Neck Squamous Cell Carcinoma*. *Ann Oncol* 2014; 3:689-94.

Song Y, Obcemea C, Mueller B, Mychalczak B. *Image-Guided Volumetric Modulated Arc Therapy (IG-VMAT) for Prostate Cancer*. [IFMBE \(International Federation for Medical and Biomedical Engineering\) Proceedings](#) 2012; Volume 37, 223-226.

Song Y, Mueller B, Obcemea C, Mychalczak B. *Feasibility of Implementing Stereotactic Body Radiation Therapy Using a Non-commercial Volumetric Modulated Arc Therapy Treatment Planning System for Early Stage Lung Cancer*. *IEEE (Institute for Electronic and Electrical Engineers) Engineering in Medicine and Biology* 2011; 409-412.

Mueller BA, Obcemea C, Lee J, Sim S. *Pilot Study of a Radiation Oncology Telemedicine Platform*. *Journal of Radiation Oncology*

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Song Y, Huang X, Mueller B, Mychalczak B. *Phase Impact Factor: A Novel Parameter for Determining Optimal CT Phase in 4D Radiation Therapy Treatment Planning for Mobile Lung Cancer*. SPIE Medical Imaging 2008; Vol. 6918.

Li G, Citrin D, Camphausen K, Mueller B, Mychalczak B, Miller RW, Song Y. *Advances in 4D Medical Imaging and 4D radiation therapy*. Technology in Cancer Research and Treatment 2008; Vol.1, 67-81.

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## Disclosures

Doctors and faculty members often work with pharmaceutical, device, biotechnology, and life sciences companies, and other organizations outside of MSK, to find safe and effective cancer treatments, to improve patient care, and to educate the health care community.

MSK requires doctors and faculty members to report (“disclose”) the relationships and financial interests they have with external entities. As a commitment to transparency with our community, we make that information available to the public.

Boris A. Mueller discloses the following relationships and financial interests:

*No disclosures meeting criteria for time period*

If you’re a patient at MSK and would like more information about your doctor’s external relationships, please talk with your doctor.

The information published here is for a specific annual disclosure period. There may be differences between information on this and other public sites as a result of different reporting periods and/or the various ways relationships and financial interests are categorized by organizations that publish such data.

This page and data include information for a specific MSK annual disclosure period (January 1, 2022 through disclosure submission in spring 2023). This data reflects interests that may or may not still exist. This data is updated annually.

Learn more about MSK's COI policies [here](#). For questions regarding MSK's COI-related policies and procedures, email MSK's Compliance Office at [ecoi@mskcc.org](mailto:ecoi@mskcc.org).

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