

Richard K. Valicenti, M.D., M.A., F.A.S.T.R.O.

Philosophy of Care	Dr. Valicenti believes in being tough on cancer, using a multi-disciplinary team approach and leading therapeutic weapons to maximize outcomes while preventing side effects. He emphasizes that innovation is critical to the advancement of new cancer treatments and that education is essential for the benefit of patients, families and the next generation of cancer caregivers.
Clinical Interests	Dr. Valicenti is nationally and internationally recognized in the treatment of prostate cancer and other tumors, genitourinary malignancies and brain tumors. His expertise includes service for prostate seed implantation, HDR prostate, SBRT, and image-guided IMRT and Gamma Knife for cancer treatment.
Research/Academic Interests	Dr. Valicenti is conducting clinical research to evaluate multi-modality therapies for clinically localized prostate cancer. In addition, he is carrying out outcome-based studies addressing quality-of-life questions and exploratory analyses of large databases.
Title	Chair, Department of Radiation Oncology Professor, Department of Radiation Oncology
Specialty	Prostate Cancer, Genitourinary (GU) Oncology
Department	Radiation Oncology
Division	Radiation Oncology
Clinic	UC Davis Cancer Center
Center/Program Affiliation	UC Davis Comprehensive Cancer Center
Address/Phone	UC Davis Comprehensive Cancer Center, 4501 X St. G-140 Sacramento, CA 95817 **Phone:** 800-362-5566
Additional Phone	Clinic Phone: 916-734-5810 Clinic Fax: 916-703-5069 Physician Referrals: 800-4-UCDAVIS (800-482-3284)
Languages	German, Italian
Education	M.D., Drexel University College of Medicine, Philadelphia PA 1990 M.A., Columbia University Graduate School, New York NY 1984 B.S., Physics, Massachusetts Institute of Technology (MIT), Cambridge MA 1981
Internships	Internal Medicine, Hahnemann Hospital, Philadelphia PA 1990-1991

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Richard K. Valicenti, M.D., M.A., F.A.S.T.R.O.

Residency
Radiation Oncology, Washington University School of Medicine, St. Louis MO 1991-1995

Fellowships
Radiation Oncology, Washington University School of Medicine, St. Louis MO 1991-1995

Board Certifications
American Board of Radiology, Radiation Oncology, 2016
State of California, Medical Physician and Surgeon

Professional Memberships
American Brachytherapy Society
American Society of Radiation Oncology, Fellow
Sierra Sacramento Valley Medical Society

Honors and Awards
Best Doctors in America, Radiation Oncology (2005-2021), 2021
Castle Connolly, Top Doctor (2014-2021), 2021
Clinical Investigator Award, UC Davis Comprehensive Cancer Center 2012, 2013, 2015, 2018
Dean's Team Award for Excellence, UC Davis, 2016
Resident Travel Award, American Society of Therapeutic Radiology and Oncology (Faculty Advisor), 2006

Select Recent Publications

Rahma OE, Yothers G, Hong TS, Russell MM, You YN, Parker W, Jacobs SA, Colangelo LH, Lucas PC, Gollub MJ, Hall WA, Kachnic LA, Vijayvergia N, O'Rourke MA, Faller BA, Valicenti RK, Schefter TE, Moxley KM, Kainthla R, Stella PJ, Sigurdson E, Wolmark N, George TJ. Use of Total Neoadjuvant Therapy for Locally Advanced Rectal Cancer: Initial Results From the Pembrolizumab Arm of a Phase 2 Randomized Clinical Trial. JAMA Oncol. 2021 Aug 1;7(8):1225-1230. doi: 10.1001/jamaoncol.2021.1683. PMID:34196693.

Dyer BA, Yuan Z, Qiu J, Shi L, Wright C, Benedict SH, Valicenti R, Mayadev JS, Rong Y. Clinical feasibility of MR-assisted CT-based cervical brachytherapy using MR-to-CT deformable image registration. Brachytherapy. 2020 Jul-Aug;19(4):447-456. doi:10.1016/j.brachy.2020.03.001. Epub 2020 Apr 21. PMID:32327343.

Chen H, Nguyen KNB, Huang H, Feng C, Zhao X, Daly ME, Rao S, Fragoso R, Valicenti R, Sekhon S, Navarro SM, Kim EJ, Cho M, Tam K, Farkas L, Halabi WJ, Monjazeb AM, Rong Y. Effect and Safety of Radiation Therapy Boost to Extramesorectal Lymph Nodes in Rectal Cancer. Pract Radiat Oncol. 2020 Sep-Oct;10(5):e372-e377. doi:10.1016/j.prro.2019.12.007. Epub 2019 Dec 20. PMID:31866577.

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Hagan M, Kapoor R, Michalski J, Sandler H, Movsas B, Chetty I, Lally B, Rengan R, Robinson C, Rimner A, Simone C, Timmerman R, Zelefsky M, DeMarco J, Hamstra D, Lawton C, Potters L, Valicenti R, Mutic S, Bosch W, Abraham C, Caruthers D, Brame R, Palta JR, Sleeman W, Nalluri J. VA-Radiation Oncology Quality Surveillance Program. Int J Radiat Oncol Biol Phys. 2020 Mar 1; 106(3):639-647. doi:10.1016/j.ijrobp.2019.08.064. Epub 2020 Jan 23. PMID:31983560.

Buwenge M, Deodato F, Macchia G, Siepe G, Zhao X, Valicenti RK, Cilla S, Alitto AR, Ntreta M, Bisello S, Mantini G, Valentini V, Morganti AG, Cammelli S. Radiotherapy Plus GnRH Analogue Versus High Dose Bicalutamide: A Case Control Study. Anticancer Res. 2019 Nov;39(11):6373-6378. doi:10.21873/anticanres.13850. PMID:31704870.

Pisansky TM, Thompson IM, Valicenti RK, D'Amico AV, Selvarajah S. Adjuvant and Salvage Radiation Therapy After Prostatectomy: ASTRO/AUA Guideline Amendment, Executive Summary 2018. Pract Radiat Oncol. 2019 Jul-Aug;9(4):208-213. doi:10.1016/j.prro.2019.04.008. Epub 2019 Apr 30. PMID:31051281.

Pisansky TM, Thompson IM, Valicenti RK, D'Amico AV, Selvarajah S. Adjuvant and Salvage Radiotherapy after Prostatectomy: ASTRO/AUA Guideline Amendment 2018-2019. J Urol. 2019 Sep;202(3):533-538. doi:10.1097/JU.0000000000000295. Epub 2019 Aug 8. PMID:31042111.

Dyer BA, Yuan Z, Qiu J, Benedict SH, Valicenti RK, Mayadev JS, Rong Y. Factors associated with deformation accuracy and modes of failure for MRI-optimized cervical brachytherapy using deformable image registration. Brachytherapy. 2019 May-Jun;18(3):378-386. doi:10.1016/j.brachy.2019.01.001. Epub 2019 Feb 7. PMID:30745016.

Yuan Z, Nair CK, Benedict SH, Valicenti RK, Rao S, Fragoso RC, Wright C, Qiu J, Rong Y. Converting Treatment Plans From Helical Tomotherapy to L-Shape Linac: Clinical Workflow and Dosimetric Evaluation. Technol Cancer Res Treat. 2018 Jan 1;17:1533033818785279. doi: 10.1177/1533033818785279. PMID:29986638.

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Shi L, He Y, Yuan Z, Benedict S, Valicenti R, Qiu J, Rong Y. Radiomics for Response and Outcome Assessment for Non-Small Cell Lung Cancer. Technol Cancer Res Treat. 2018 Jan 1;17: 1533033818782788. doi:10.1177/1533033818782788. PMID:29940810.

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