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Sue Yom

Sue S. Yom, M.D., Ph.D.

Professor

Departments of Radiation Oncology & Otolaryngology-Head and Neck Surgery



University of California, San Francisco
Helen Diller Family Comprehensive Cancer Center
Box 1708, 1600 Divisadero St, H1031
San Francisco, CA 94115
Phone: 415-353-9893
Fax: 415-353-9883
Email: [sue.yom\[at\]ucsf.edu](mailto:sue.yom@ucsf.edu)

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Professional Focus

Dr. Yom is a radiation oncologist who specializes in the treatment of head and neck, skin and thoracic cancers. She is particularly interested in understanding biologic processes which have impact on the efficacy of radiation therapy, as well as emerging radiotherapeutic, biologic, and clinical techniques aimed at reducing the toxicities of treatment. In head and neck and skin cancer, she has studied a variety of issues related to chemoradiation and combined modality treatments, technical aspects of radiation delivery, and radiation-related

prognostic factors and post-treatment management. In lung cancer, she has conducted research on combined modality treatment and is experienced in both stereotactic and intensity-modulated radiation techniques in the treatment of early-stage and locoregionally advanced lung cancers. She is experienced with many rare tumor types in the head and neck, cutaneous, and thoracic regions.

Dr. Yom is a national-level investigator in the NRG Oncology cancer research group. At UCSF, she supervises a number of translational biologically and radiographically based studies as well as clinical trials aimed at finding novel and more effective forms of therapy. She is a member of several national-level guidelines committees issuing recommended pathways for high quality cancer care. She regularly participates in major educational conferences and works as an editor or reviewer at several cancer journals.

Dr. Yom is committed to UCSF's tradition of technical innovation and provides consultation for her patients drawing from a wide range of radiotherapy techniques, to produce the best individualized plan for each patient. It is hoped that the continuous optimization of radiotherapy practice and the reduction of toxicities, both through technical and biologic means, will improve quality of life and enable physicians to deliver more intelligently targeted treatments in search of a better chance of cure. She believes in multidisciplinary management and a unified, team-oriented approach to patient care.

Education

1987-1991	Rice University	BA	French
1993-2003	University of Pennsylvania	Ph.D.	English
1995-2002	University of Pennsylvania	M.D.	Medicine
2002-2003	MD Anderson Cancer Center	Intern	Medicine/Surgery
2003-2007	MD Anderson Cancer Center	Resident	Radiation Oncology

Professional Experience

2007-2013	UCSF	Assistant Professor	Radiation Oncology
2007-present	SF VAMC	Consultant	Radiology
2009-2013	UCSF	Assistant Professor	Otolaryngology-Head and Neck Surgery
2013-2018	UCSF	Associate Professor	Otolaryngology-Head and Neck Surgery
2013-2018	UCSF	Associate Professor	Radiation Oncology
2018-present	UCSF	Professor	Radiation Oncology
2018-present	UCSF	Professor	Otolaryngology-Head and Neck Surgery

Organizational Service

2009-2010	International Association for the Study of Lung Cancer (IASLC), Abstract Review Committee of the International Scientific Committee, Abstract Reviewer - Radiotherapy Track
2009-2011	American College of Radiology (ACR), Appropriateness Criteria Expert Panel on Radiation Oncology - Head and Neck, Member
2009-2013	Radiation Therapy Oncology Group (RTOG), Health Services Research & Outcomes Committee, Member
2011-2013	American Radium Society (ARS), Executive Committee, Member at Large
2010-2012	American Radium Society (ARS), Educational Resources Committee, Member
2011-Present	Journal of Radiation Oncology, Editorial Board, Member
2011-Present	American Radium Society (ARS), Scientific Program Committee, Abstract Reviewer
2011-Present	American Society for Radiation Oncology (ASTRO), Annual Meeting Scientific Committee, Abstract Reviewer - Head and Neck
2011-Present	CME/MOC Committee of the Education Council, Member
2013-Present	American College of Radiology (ACR), Appropriateness Criteria Expert Panel on Radiation Oncology - Head and Neck, Panel Chair
2011-Present	American Board of Radiology (ABR), Maintenance of Certification Advisory Committee, Member
2012-Present	American Board of Radiology (ABR), Testing Category Committee, Category 08 - Lung/ Mediastinum/Sarcoma (develop national specialty board written and oral exams), Member
2012-Present	National Cancer Institute/National Institutes of Health, Lung Cancer Clinical Trials Working Group, Member
2012-Present	National Comprehensive Cancer Network, Head and Neck Cancers Panel, Member
2013-Present	American College of Radiology (ACR), Appropriateness Criteria Methodology Committee, Member
2013-2015	International Journal of Radiation Oncology, Biology, and Physics, Senior Editor (Head and Neck Cancers)
2014 - present	NRG Oncology (formerly RTOG), Patient-Centered Outcomes Research (PCOR) Committee, Member
2014 - present	NRG Oncology (formerly RTOG), Head and Neck Cancer Committee, Member
2014 - present	NRG Oncology (formerly RTOG), Publications Committee, Member

Awards & Honors

1992	Andrew W. Mellon Fellow in the Humanities, National Mellon Foundation
1995	Benjamin Franklin Medical Scholar Fellowship, University of Pennsylvania
2001	Seed Grant Research Program, American Medical Association Foundation
2004	Biostatistics and Trial Design Workshop, Cancer Education Consortium
2005	International Travel Grant, Women Against Lung Cancer (now National Lung Cancer Partnership)
2005	ASTRO Fellowship, Korean American Society for Therapeutic Radiology & Oncology
2006	Jesse H. Jones Fellowship in Cancer Education, for excellence in cancer education at M.D. Anderson Cancer Center
2006	A. Lavoy Moore Endowment Fund, for excellence in lung cancer research at M.D. Anderson Cancer Center
2006	Travel Award, Radiation Therapy Oncology Group
2006	Eleanor Montague Distinguished Resident Award in Radiation Oncology, American Association of Women Radiologists
2006	Travel Award, ASTRO Health Services/Outcomes Symposium
2006	Brachytherapy Fellowship, American Brachytherapy Society
2007	LORHAN Fellows Travel Grant, ASTRO Multidisciplinary Head and Neck Symposium
2007	ASCO/AACR Workshop on Methods in Clinical Cancer Research
2008	Joan F. Giambalvo Memorial Scholarship, AMA Women Physicians Congress
2009	Best Doctors in America ®
2010	Pilot Research Award for Junior Investigator, Research Allocation Program
2011	Marquis Who's Who in the World
2011	Best Doctors in America ®
2011	Faculty Educational Research Grant, Office of Medical Education Educational Research Program
2013	Selected for biannual listing, Best Doctors in America 2013-2014
2013	Young Investigator Award, National Comprehensive Cancer Network Foundation
2014	Listed in Marquis Who's Who in America, 68th ed.

Recent Significant Publications :

Salama JK, Golden DW, Yom SS, Garg MK, Lawson J, McDonald MW, Quon H, Ridge JA, Saba N, Smith RV, Worden F, Yeung AR, Beitler JJ. **ACR Appropriateness Criteria® Thyroid Carcinoma**. *Oral Oncology* 2014;50(6):577-86. doi: 10.1016/j.oraloncology.2013.12.004. PubMed PMID: 24824115.

Yu J, Aldabagh B, Wang J, Yom SS, El-Sayed I, Knott D, McGrath MH, Arron S. **Multidisciplinary Management of Advanced Basal Cell Carcinoma: Report of Four Cases**. *Journal of Drugs in Dermatology* 2014;13(5):601-606.

Braunstein SE, Dionisio SA, Lometti MW, Pinnaduwage DS, Chuang CF, Yom SS, Gottschalk AR, Descovich M. **Evaluation of Ray Tracing and Monte Carlo Algorithms in Dose Calculation and Clinical Outcomes for Robotic Stereotactic Body Radiotherapy of Lung Cancers**. *Journal of Radiosurgery and SBRT* 2014; 3(1):67-79.

Chainani-Wu N, Chang C, Gross A, Yom SS, Silverman S. **Oropharyngeal Carcinoma Arising After Methotrexate and Etanercept Therapy for Rheumatoid Arthritis..** *Medicine, Oral Pathology, Oral Radiology and Endodontology* 2014 Mar;117(3):e261-3. doi: 10.1016/j.oooo.2013.11.499. Epub 2013 Dec 7.

Ouyang D, El-Sayed IH, Yom SS. **National Trends in Surgery for Sinonasal Malignancy and the Effect of Hospital Volume on Short Term Outcomes**. *Laryngoscope* 2014 Jan 4. doi: 10.1002/lary.24578. [Epub ahead of print]

Kannarunimit D, Descovich M, Garcia A, Chen J, Weinberg V, McGuinness C, Pinnaduwage D, Murnane J, Gottschalk AR, Yom SS. **Analysis of Dose Distribution and Risk of Pneumonitis in Stereotactic Body Radiation Therapy for Centrally Located Lung Tumors: A Comparison of Robotic Radiosurgery, Helical Tomotherapy and Volumetric Modulated Arc Therapy**. *Technology in Cancer Research and Treatment* 2013 Nov 6. [Epub ahead of print]

George JR, Yom SS, Wang SJ. **Improved outcomes for oral cavity carcinoma adjuvant radiotherapy at an academic center: matched-pair analysis..** *Laryngoscope* 2013 Dec 7. doi: 10.1002/lary.24552. [Epub ahead of print].

George JR, Yom SS, Wang SJ. **Combined Modality Treatment Outcomes for Head and Neck Cancer: Comparison of Postoperative Radiation Therapy at Academic vs Nonacademic Medical Centers**. *JAMA Otolaryngology Head and Neck Surgery* 2013. doi:10.1001/jamaoto.2013.4539 Nov 1;139(11):1118-26.

Pfister DG, Ang KK, Brizel DM, Burtness BA, Busse PM, Caudell JJ, Cmelak AJ, Colevas AD, Dunphy F, Eisele DW, Gilbert J, Gillison ML, Haddad RI, Haughey BH, Hicks WL Jr, Hitchcock YJ, Kies MS, Lydiatt WM, Maghami E, Martins R, McCaffrey T, Mittal BB, Pinto HA, Ridge JA, Samant S, Schuller DE, Shah JP, Spencer S, Weber RS, Wolf GT, Worden F, Yom SS, McMillian NR, Hughes M. **Head and Neck Cancers, Version 2.2013**. *Journal of the National Comprehensive Cancer Network* 2013 Aug 1;11(8):917-923.

Ridge JA, Lawson J, Yom SS, Garg MK, McDonald MW, Quon H, Saba N, Salama JK, Smith RV, Worden F, Yeung AR, Beitler JJ. **ACR Appropriateness Criteria® Treatment of Stage 1 T1 Glottic Cancer..** *Head Neck*. 2013 May 21. doi: 10.1002/hed.23381. [Epub ahead of print]

Garg MK, Ridge JA, Yom SS, McDonald MW, Quon H, Smith RV, Yeung AR, Lawson J, Saba N, Salama JK, Beitler JJ. **Reply, contralateral irradiation for T(limited)N2bM0 lateralized tonsil cancer.** Head Neck. 2013 Mar;35(3):465-6.

Okoye CC, Jablons DM, Jahan TM, Kukreja J, Cardozo S, Yom SS. **Divergent Management Strategies for Typical Versus Atypical Carcinoid Tumors of the Thoracic Cavity.** Am J Clin Oncol. 2013 Jan 24.

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