

UCSF Radiation Oncology Update: Underpinnings and Advances in Reirradiation

March 21-22, 2026

UCSF Mission Bay Conference Center

1675 Owens Street

San Francisco, CA 94158

Come enjoy the visually delightful and relaxing environment of San Francisco's Mission Bay district, while obtaining a focused training and update on the scientific bases and technological advances enabling reirradiation. We will cover the basics of radiation effects from the radiobiology and physics perspectives, review establishing and emerging clinical implementation of reirradiation techniques and technologies, discuss approaches to dose estimation and quality assurance in this complex clinical scenario, and explore new means for reirradiation such as with proton therapy or FLASH radiation. The course will review the practical implementation of reirradiation in different disease sites. Case studies, templates, and resource materials will be provided, along with close personal interaction with expert panelists, to maximize learning opportunities.

COURSE FEES

\$750 Physicians

\$600 Physicists/Dosimetrists/ Nurses/Advanced Health Practitioners/University of California

REGISTER TODAY!

Exhibitor Opportunities Available. Please contact Alan Taniguchi at alan.taniguchi@ucsf.edu or Dr. Sue Yom at sue.yom@ucsf.edu

CME, ASRT and MDCB credits are offered. Check website for details.

<https://meded.ucsf.edu/continuing-education>

Please Note: Since this course will be held on UCSF Campus, you are free to choose your own hotel accommodations.

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Saturday, March 21, 2026 | UCSF Mission Bay Conference Center

7:30am	Continental Breakfast	
8:00	Welcome and Introductions	Course Chairs
	Reirradiation Fundamental	<i>Catherine Park, MD</i>
8:10	Best Practice Workflows for Reirradiation	<i>Kelly Paradis, MD</i>
8:40	Image Registration: Whether and How to Use Deformation	<i>Ke Sheng, PhD</i>
8:55	Whether and How to Account for Fractionation	<i>Emily Hirata, PhD</i>
9:10	Phillips Lecture: Biologic Effects of Proton Therapy	<i>Harold Paganetti, MD</i>
10:10	Q&A with All Speakers	
10:20	Coffee Break	
	SPINE/CNS	<i>Steve Braunstein, MD</i>
10:40	Spine Reirradiation	<i>Lauren Boreta, MD</i>
10:55	Biology of Recurrent Tumors and Second Malignancy	<i>Jean Nakamura, MD</i>
11:10	Reirradiation of the Skull Base	<i>David Raleigh, MD</i>
11:25	Reirradiation of Brain Metastases	<i>Harish Vasudevan, MD</i>
11:40	Multi Target Plan Summation	<i>Olivier Morin, PhD</i>

11:55	Spine/CNS Cases from the Community	Steve Braunstein, MD
12:55	<i>Lunch</i>	
	THORACIC	Nam Woo Cho, MD
1:55	Effects of Radiation on TGF-Beta	Mary-Helen Barcellos-Hoff, PhD
2:10	Fractionation Choices in Lung Reirradiation	Megan Daly, MD
2:25	Reirradiation in Challenging Locations: Central, Ultracentral	Chuck Simone, MD
2:55	Physics: Planning Reirradiation in the Thorax	Martina Descovich, PhD
3:10	Break	
3:30	Thoracic Cases from the Community	Nam Woo Cho, MD
	GYNECOLOGIC	Joe Hsu, MD
4:30	Reirradiation of the Vagina and Vulva	Emi Yoshida, MD
4:45	Planning Reirradiation Including Brachytherapy	Adam Cunha, PhD
5:00	GYN Cases from the Community	Joe Hsu, PhD
5:30	<i>Course Adjourns</i>	

UCSF Radiation Oncology Update: Underpinnings and Advances in Reirradiation

Sunday, March 22, 2026 | UCSF Mission Bay Conference Center

7:30am	<i>Continental Breakfast</i>	
8:00	Welcome and Announcements	Sue Yom, MD
	BREAST	Nicolas Prionas, MD
8:10	Breast Tissue Properties After Radiation	Catherine Park, MD
8:25	Reirradiation of the Chest Wall	Nicolas Prionas, MD
8:40	Physics: Planning Reirradiation for Breast Cancer	Evan Porter, PhD
8:55	Breast Cases from the Community	Nicolas Prionas, MD
9:10	Buschke Lecture: Biomarkers of Radiation Effect	Costas Koumenis, PhD
10:10	<i>Coffee Break</i>	
	HEAD AND NECK	Mia Salans, MD
10:30	Choosing Reirradiation Fractionation	Shyam Rao, MD
10:45	Clinical Trials in HN Reirradiation	Sue Yom, MD
11:00	Special Techniques: Hyperthermia, Brachytherapy	Jason Chan, MD
11:15	Physics: Planning Reirradiation for HN Cancer	Hui Lin, PhD
11:30	HN Cases from the Community	Mia Salans, MD
12:30	<i>Lunch</i>	
	GENITOURINARY	Richard Valicenti, MD
1:30	Tolerance of Reirradiation in the Pelvis	Jason Zhao, MD
1:45	Reirradiation of Nodal Regions and Oligometastatic Disease	Steven Seyedin, MD

2:00	Clinical Trials in Pelvic Reirradiation	Anthong Wong, MD
2:15	Physics: Planning Reirradiation for Prostate Cancer	Minsong Cao, PhD
2:30	<i>Coffee Break</i>	
2:50	GU Cases from the Community	Steve Seyedin, MD
	GASTROINTESTINAL	William C Chen, MD
3:50	Reirradiation of Esophageal-Gastric Cancers	Alexandria Hotca-Cho, MD
4:10	Physics: Planning Liver Reirradiation	Wensha Yang, PhD
4:30	GI Cases from the Community	William C Chen, MD
5:30	Final Remarks	Sue Yom, MD Catherine Park, MD
5:45pm	<i>Course Adjourns</i>	