UCSF Radiation Oncology Update: Patient-Centered Radiation Oncology 2022

Friday - Saturday
April 29-30, 2022

LIVE STREAM COURSE

CREDITS OFFERED THIS YEAR
• AMA PRA Category 1
• ABR Self-Assessment CME
• ASRT and MDCB
OVERVIEW
This year’s course theme is patient-centered care. Despite ever-advancing technology, patients remain at the center of everything we do. This year’s course will feature discussions that focus on how novel technologies such as IMRT, SBRT, and other advanced technical- and imaging-based planning and treatment approaches can benefit patients. We will discuss state-of-the-art radiotherapy treatment planning approaches in concordance with major guidelines and the most recent scientific evidence, with an emphasis on how their application can be described to patients and how they can be used in decision making with patients. There will also be discussion of quality-of-life-oriented approaches which may enhance a course of radiation-based care. These include integrative medicine, supportive care, and patient-reported outcomes and interventions. As usual, this course offers numerous practical case-based review sessions allowing for self-assessment and interaction with expert panelists.

At the end of this activity, attendees should be able to:
• Describe molecular, immunologic, and imaging-based stratification of brain tumors.
• Employ the major classes of radiation therapy techniques in treating prostate cancer.
• Describe local therapy management principles and techniques for liver tumors.
• Name 3 major techniques that can be used in designing a course of breast radiation therapy.
• Describe 3 major types of of integrative medicine and how they relate to radiation oncology.
• Name 3 ways to make quality-of-life assessments more meaningful in your breast and head and neck cancer patients.
• Name 3 ways molecular characterization is affecting diagnosis, management, and surveillance of head and neck cancer patients.
• Cite 3 major new findings related to eligibility for SBRT and systemic therapies in lung cancer patients.

GENERAL INFORMATION
Advanced registration closes one (1) business day prior to start of course.

HOW TO ENROLL
Tuition: $350 Practicing Physicians
$250 AHPs
$200 Alumni Discount
$50 Residents/Fellows
Payment can be made by Visa, MasterCard, AmEx or check.
REGISTER VIA
Online: cme.ucsf.edu
Mail: Complete course registration form and send with payment to: UCSF Office of CME
490 Illinois Street, Floor 8
San Francisco, CA 94143

Phone: To register by phone or to inquire about registration status, please call UCSF’s CME Registration Office at (415) 476-5808.
Please check our website for up-to-date information on the course: cme.ucsf.edu

REFUND POLICY
Cancellations received in writing before the first day of the course will be refunded, less a $75 administrative fee. No refunds will be made on cancellations received after that date.

COURSE QUESTIONS/INQUIRIES
Alan Taniguchi – alan.taniguchi@ucsf.edu

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ACCREDITATION
The University of California, San Francisco School of Medicine (UCSF) is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. UCSF designates this live activity for a maximum of 13 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

This CME activity meets the requirements under California Assembly Bill 1195, continuing education and cultural and linguistic competency.

1 ABR SA-CME credit will be offered for each case-base learning session for a total of 6.

Nurses: For the purpose of recertification, the American Nurses Credentialing Center accepts AMA PRA Category 1 Credits™ issued by organizations accredited by the ACCME.

Physician Assistants: AAPA accepts category 1 credit from AOACCME, Prescribed credit from AAFP, and AMA PRA Category 1 Credit™ from organizations accredited by the ACCME.

Pharmacy: The California Board of Pharmacy accepts as continuing professional education those courses that meet the standard of relevance to pharmacy practice and have been approved for AMA PRA Category 1 Credit™.

RTT/Dosimetrists: ASRT and MDCB credits will be offered.
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**DAY 1 • FRIDAY, APRIL 29, 2022 • All times are Pacific Daylight Time (PDT)**

8:00 am  
**Day 1 Announcements**  
Sue Yom, MD, PhD

**BRAIN TUMORS**  
Chair: Steve Braunstein, MD, PhD
8:10  
Current Radiosurgical Approaches for Brain Metastases in the Era of Targeted Therapy and Immunotherapy  
Steve Braunstein, MD, PhD
8:30  
Highlights from the Updated 2021 WHO Classification of CNS Tumors  
Jean Nakamura, MD
8:50  
Precision-based Therapy for Patients with Meningioma  
David Raleigh, MD, PhD
9:10  
Patient-centered Approach to Brain Tumor Management: Exercise, Nutrition, And Supportive Care  
Shannon Fogh, MD
9:30  
CNS Case-based Learning: Self-assessment Session  
Moderators: Steve Braunstein and Nam Woo Cho, with Shannon Fogh, Jean Nakamura, David Raleigh

10:30  
**Break**

**GENITOURINARY CANCERS**  
Chair: Osama Mohamad, MD, PhD
10:50  
Bladder Cancer Radiotherapy: Preserving Quality of Life  
Anthony Wong, MD, PhD
11:10  
Opportunities for Artificial Intelligence in the Care of Genitourinary Malignancies  
Julian Hong, MD
11:30  
Current Applications of HDR Prostate Brachytherapy  
I-Chow (Joe) Hsu, MD
11:50  
The Art of Radiotherapy for Locally Advanced Prostate Cancer  
Mack Roach III, MD
12:10  
Optional: Lunch Hour with Resident Presentations  
Chair: Sumi Sinha, MD
1:10  
Stereotactic Ablative Radiotherapy for Renal Cell Carcinoma  
Osama Mohamad, MD, PhD
1:30  
GU Case-based Learning: Self-assessment Session  
Moderators: Osama Mohamad and William Chen, with Anthony Wong, Julian Hong, Joe Hsu, Mack Roach

**GASTROINTESTINAL CANCERS**  
Chair: Mary Feng, MD
2:30  
Local Therapies for Liver Tumors  
Mary Feng, MD
2:50  
Liver SBRT Technical Considerations (including IGRT, Image Registration, and Motion Management)  
Emily Hirata, PhD and Mekhail Anwar, MD, PhD
3:10  
**Break**

3:30  
Individualizing Systemic Treatment Decisions for Advanced HCC  
Kate Kelley, MD
3:50  
Update on Surgical Management of Liver Tumors  
Carlos Corvera, MD
4:10  
Gastrointestinal Case-based Learning: Self-assessment Session  
Moderators: Mary Feng and Horatio Thomas, with Emily Hirata, Mekhail Anwar, Kate Kelley, Carlos Corvera
## DAY 2 • SATURDAY, APRIL 30, 2022

### 8:00 am  Day 2 Announcements

**BREAST CANCER**  •  Chair: Nicolas Prionas, MD, PhD  

- **8:10**  Radiotherapy and Its Omission in the Treatment of Early Stage Breast Cancer  
  Catherine Park, MD

- **8:30**  Individualized Contouring for Breast Cancer Radiotherapy  
  Atif Khan, MD, MS

- **8:50**  Patient Reported Outcomes in Breast Cancer Radiotherapy  
  Sara Alcorn, MD, PhD, MPH

- **9:10**  Personalized Skin Care during Breast Radiotherapy  
  Florence Yuen, NP

- **9:30**  Breast Case-based Learning: Self-assessment Session  
  Moderators: Lisa Singer and Lisa Ni, with Catherine Park, Nicholas Prionas, Atif Khan, Sara Alcorn, Florence Yuen

### 10:30  Break

### PATIENT-CENTERED CANCER CARE

- **10:50**  Integrative Cancer Care for Patients – An Essential in our Collective Toolkit  
  Kavita Mishra, MD, MPH

- **11:20**  Quality of Life in Head and Neck Cancer Decision Making and Research  
  Jolie Ringash, MD

- **11:50**  Optional: Lunch Hour with Resident Presentations  
  Chair: Sumi Sinha, MD

### HEAD AND NECK CANCERS  •  Chair: Jason Chan, MD

- **12:50**  Contouring and Treatment Planning Consensus Guidelines for Head and Neck and Skin Cancers In 2022  
  Jason Chan, MD

- **1:10**  Surveillance of Head and Neck Cancers: Emerging Role of Blood Biomarkers  
  Scott Bratman, MD, PhD

- **1:30**  HPV-associated Head and Neck Cancers: What Remains Controversial  
  Sue Yom, MD, PhD

- **1:50**  Individualized Molecular Targeted Approaches for Salivary Malignancies  
  Hyunseok Kang, MD

- **2:10**  Break

- **2:30**  HN Case-based Learning: Self-assessment Session  
  Moderators: Jason Chan and Ben Li, with Sue Yom, Hyunseok Kang, Jolie Ringash, and Scott Bratman

### THORACIC CANCERS  •  Chair: Sue Yom, MD, PhD

- **3:30**  Management of Stage 3 Lung Cancer: ASCO Guidelines and How They Apply to Patients  
  Megan Daly, MD

- **3:50**  SBRT in Operable Patients: Where are We with the Data and What Should Patients Know?  
  Drew Moghanaki, MD, MPH

- **4:20**  Interventional Pulmonology: Emerging Role in Minimally Invasive Molecular Diagnostics  
  Yaron Gesthalter, MD

- **4:40**  Peri-operative Targeted Therapies and Immunotherapies: Opportunities to Improve Outcomes  
  Matthew Gubens, MD

- **5:00 pm**  Thoracic Case-based Learning: Self-assessment Session  
  Moderators: Sue Yom and Katherine Chen, with Megan Daly, Drew Moghanaki, Matthew Gubens, Yaron Gesthalter
COURSE REGISTRATION FORM • MRO22001
UCSF RADIATION ONCOLOGY UPDATE:
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Mail to: UCSF Office of CME • Box 0742
490 Illinois Street, Floor 8
San Francisco, CA 94143

Online registration: cme.ucsf.edu
Registration Information: (415) 476-5808
Questions Regarding Course: alan.taniguchi@ucsf.edu

☐ Dr. ☐ Ms. ☐ Mr. ☐ Mrs. ☐ Mx.

LAST NAME FIRST M.I.

DEGREE SPECIALTY

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Would you like to be on our priority email list? ☐ Yes ☐ No

Date of birth to be used as OCME registrant number: ___ ___ / ___ ___ / XX

Month Day

Please indicate if you have any special needs:

Registration Fees:
☐ $350 Practicing Physicians
☐ $250 Allied Health Professionals
☐ $200 Alumni
☐ $50 Residents/Fellows

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________________________________________|________/________
CARD #  EXPIRATION DATE

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Refund Policy: Cancellations received in writing before the first day of the course will be refunded, less a $150 administrative fee. No refunds will be made on cancellations received after that date. Please check our website for up-to-date information on the course: cme.ucsf.edu