UCSF Radiation Oncology Update:
The Science and Practice of Hypofractionation 2024

Friday - Sunday
April 5 - 7, 2024
THE ARGONAUT HOTEL • SAN FRANCISCO, CA

CREDITS OFFERED THIS YEAR
• AMA PRA Category 1
• CAMPEP
• ASRT and MDCB
OVERVIEW

Come enjoy the visually delightful and relaxing waterfront environment of San Francisco, while obtaining a focused training and update on hypofractionation and its most common applications, stereotactic radiosurgery (SRS) and stereotactic body radiation therapy (SBRT). We will cover the basics of stereotactic radiobiology and physics, established and emerging clinical applications of SRS/SBRT and hypofractionation, integration of SRS/SBRT with targeted therapy, immunotherapy, and chemotherapy, new techniques for planning and delivering stereotactic treatments, and approaches to SRS/SBRT quality assurance and verification. The course will review practical implementation of hypofractionation and/or stereotactic radiotherapy for patients. Case studies, templates, and resource materials will be provided, along with close personal interaction with expert panelists, to maximize learning opportunities.

At the end of this activity, attendees should be able to:

- Describe the fundamental radiobiological principles governing hypofractionation.
- Name the major image guidance and dose summation technologies that can be used for SBRT.
- Develop an optimal prostate SBRT plan.
- Contour a breast plan in preparation for hypofractionated treatment planning.
- Combine lung SBRT with systemic therapies or immunotherapy.
- Incorporate MR into liver SBRT delivery.
- Decide between single and multi-fraction SRS for brain metastases.
- Select hypofractionation versus IMRT-SIB techniques for gynecologic cancers.

GENERAL INFORMATION

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

HOW TO ENROLL

Tuition:
- $750 Practicing Physicians
- $600 AHPs
- $325 Residents/Fellows
- $375 Medical Physicists

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 94114

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.

CONFERENCE LOCATION

Argonaut Hotel
495 Jefferson St.
San Francisco, CA 94109
Special Room Rate of $285


Immerse yourself in the Wharf’s rich history and present-day character at our award-winning San Francisco boutique hotel.

Argonaut Hotel merits a term like iconic both for its past and its present. A recipient of the AAA Four Diamond Award for 20 consecutive years, the Argonaut boasts a location just as noteworthy as its accolades and high-touch service. Guests wake to views of the San Francisco Bay, Alcatraz, and the Golden Gate Bridge before venturing mere steps to explore Ghirardelli Square, Fisherman’s Wharf, and some of the city’s best parks.

Uncover the storied past of the Wharf through the preserved and timeless walls that house our Fisherman’s Wharf luxury hotel. Located in the landmark Haslett Warehouse building, Argonaut’s enduring character shines bright through the hotel’s gracious team, stellar reputation, and bountiful amenities.

COURSE QUESTIONS/INQUIRIES

Alan Taniguchi – alan.taniguchi@ucsf.edu
<table>
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<th>Time</th>
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<tbody>
<tr>
<td>1:00 pm</td>
<td>Opening</td>
</tr>
<tr>
<td>1:05</td>
<td>Day 1 Announcements</td>
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<tr>
<td>1:10</td>
<td>Radiobiology of Hypofractionation</td>
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<tr>
<td>1:35</td>
<td>Commercially Available Image Guidance Options: CT, MRI, PET, Surface</td>
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<td>1:50</td>
<td>Plan Summation: How to Account for Dose, Time, Fractionation using Current Commercial Solutions</td>
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<td>2:10</td>
<td>PHILLIPS LECTURE: New Technologies for SBRT: AI, Radiomics, Personalized, PULSAR, Planar and Coplanar Planning</td>
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<td>2:50</td>
<td>Q&amp;A</td>
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<td>3:00</td>
<td>Break</td>
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<tr>
<td>3:20</td>
<td>Optimizing Prostate SBRT: Dose Fractionation, Image Guidance, Nerve-sparing and Peri-rectal Spacers</td>
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<td>3:40</td>
<td>Focal SBRT vs Extended Nodal RT in the Management of Oligometastatic Prostate Cancer</td>
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<td>Salvage Re-irradiation: Brachytherapy vs SBRT</td>
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<td>Role of SBRT in Primary and Oligometastatic Renal Cancer</td>
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<td>MR vs CT/X-ray Guided Prostate RT</td>
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<td>Q&amp;A</td>
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<td>5:00 pm</td>
<td>GU Contouring and Planning Practicum</td>
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<td>7:30 am</td>
<td>Breakfast</td>
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<td>8:00</td>
<td>Day 2 Announcements</td>
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<tr>
<td>8:10</td>
<td>Hypofractionated Whole Breast Irradiation and Accelerated Partial Breast Irradiation</td>
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<td>Surgical Considerations for Target Delineation in Breast Radiotherapy</td>
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<td>Surface Image Guidance vs. Spirometer for Left Breast RT</td>
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<td>9:10</td>
<td>Q&amp;A</td>
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<td>9:20</td>
<td>Breast Contouring and Planning Practicum</td>
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<td>9:50</td>
<td>BUSCHKE LECTURE: Oligometastasis: Past, Present, and Future</td>
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<td>10:30</td>
<td>Break</td>
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<td>10:50</td>
<td>SBRT Combinations with Systemic Therapies and Immunotherapy</td>
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<td>11:10</td>
<td>Status of Hypofractionation in Locally Advanced NSCLC Combined with Systemic Therapies and Immunotherapy</td>
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<td>11:30</td>
<td>Lung Reirradiation – Deformation and Dose Summation</td>
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<td>Developing a Cardiac Arrythmia SBRT Program</td>
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<td>12:10 pm</td>
<td>Q&amp;A</td>
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<td>12:20</td>
<td>Lunch</td>
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<td>1:20</td>
<td>Thoracic Contouring and Planning Practicum</td>
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<td>1:50</td>
<td>Hypofractionated Reirradiation in HN Cancer and Integration with Targeted Therapy and Immunotherapy</td>
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<td>2:10</td>
<td>Skin Cancer Fractionation and Integration with Targeted Therapy and Immunotherapy</td>
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DAY 2 • SATURDAY, APRIL 6, 2024 (continued)

2:25 pm  AI-based Contouring, Automated Planning and QA in HN  Hui Lin, PhD
2:45 Q&A
2:55 Break
3:15 HN Contouring and Planning Practicum  Jason Chan, with Sue Yom, Hui Lin, Chase Heaton, Hyu Kang
3:45 MR Guided RT in Pancreas Cancer: Trials, Patterns of Failure, and Contouring using MR  Michael Chuong, MD
4:10 Liver SBRT and its Combinations with Other Local and Systemic Therapies  Mekhail Anwar, MD
4:30 MR for Liver SBRT  Wensha Yang, MD
4:45 Planning Abdominopelvic SBRT – Setup, Motion Management  Jose Ramos-Mendez, PhD
5:00 Q&A
5:10 GI Practicum  Will Chen, with Michael Chuong, Mekhail Anwar, Wensha Yang, Jose Ramos-Mendez

5:40-7:00 pm  Cocktail Reception for all participants and exhibitors

DAY 3 • SUNDAY, APRIL 7, 2024

7:30 am  Continental Breakfast
8:00 Day 3 Announcements

CENTRAL NERVOUS SYSTEM

8:10 Hypofractionation for Recurrent Glioma – Patient Selection and Techniques  Lauren Boreta, MD
8:30 Single vs Multifractionated Radiosurgery for Brain Metastases – Definitive vs Perioperative  Harish Vasudevan, MD
8:50 Timing, Dose, Fractionation, and Response Biomarkers for Skull Base Tumor Radiotherapy  David Raleigh, MD
9:10 Treatment Planning for Multiple-Target Brain SRS/SBRT  Olivier Morin, MD
9:25 Advances in Spine Radiosurgery for Primary and Metastatic Tumors  Steve Braunstein, MD
9:45 Q&A
9:55 RAFFLE
10:00 Break
10:20 CNS Practicum  Jean Nakamura, with Harish Vasudevan, Lauren Boreta, David Raleigh, Olivier Morin, Steve Braunstein

GYNECOLOGIC CANCER

10:50 Hypofractionation for Gynecologic Cancers and Combination with Systemic Therapies and Immunotherapy  Emi Yoshida, MD
11:10 IMRT-SIB for the Management of Vulvar Cancer  I-Chow (Joe) Hsu, MD
11:30 MR Guided GYN Brachytherapy: a State of the Art Review  Adam Cunha, PhD
11:50 Q&A
12:00 GYN Practicum  Christina Phuong, with Emi Yoshida, Joe Hsu, Lee-May Chen, Adam Cunha

12:30-12:40 pm  Closing Messages and Adjourn

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 16 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.

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/Dosimetrist  ASRT and MDCB credits will be offered.
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Lisa Singer, MD, PhD
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Assistant Professor
Anthony Wong, MD, PhD
Assistant Professor
Wensha Yang, PhD
Associate Professor
Emi Yoshida, MD
Assistant Professor

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You may also reach us by calling the Office of CME at (415) 476-251 or emailing info@cme.ucsf.edu.

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UCSF RADIATION ONCOLOGY UPDATE:
THE SCIENCE AND PRACTICE OF HYPOFRACTIONATION
April 5 - 7, 2024 • THE ARGONAUT HOTEL • SAN FRANCISCO, CA

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.

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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: ___ ___ / ___ ___ / X X

Month  Day

Please indicate if you have any special needs: ________________________________

Registration Fees:
□ $750 Practicing Physicians
□ $600 Allied Health Professionals
□ $325 Residents/Fellows

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CARD #  EXPIRATION DATE

NAME ON CARD (PLEASE PRINT)  AUTHORIZED SIGNATURE

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

The Argonaut Hotel
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San Francisco, CA 94109
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