

### SCHEDULE-AT-A-GLANCE

Sunday, October 1

**7:55 a.m. - 9:15 a.m.**

**PRO 08** - Oligometastatic Disease: Practical Aspects of Metastasis-Directed Therapy in a Community Practice

📍 Room 33

**8:00 a.m. - 9:00 a.m.**

**International 02** - Innovative Radiation Therapy Approaches: Benefits & Challenges - Global Perspective

📍 Room 4

**8:00 a.m. - 9:00 a.m.**

**Panel 02** - Advancement in Imaging for Radiation Oncology

📍 Room 29

**8:00 a.m. - 9:00 a.m.**

**EDU 02** - The Role for Consolidative Local Therapy in Stage IV Non-Small Cell Lung Cancer for Oligometastases and Beyond, How are We Improving Outcomes for Patients?

📍 Room 6 D/E

**8:00 a.m. - 9:00 a.m.**

**SS 01** - Breast 1: Novel Approaches

📍 Room 6 B

**8:00 a.m. - 9:00 a.m.**

**SS 02** - GYN 1: Integrating the Next Wave of Biomarkers for Future Gynecologic Clinical Trials

📍 Room 5

**8:00 a.m. - 9:00 a.m.**

**SS 03** - Bio 1: Normal Tissue Injury and Dose Rate Effects

📍 Room 32

**8:00 a.m. - 9:00 a.m.**

**QP 01** - GU 1: Miscellaneous GU Topics

📍 Room 8

**9:15 a.m. - 9:30 a.m.**

**Welcome to ASTRO's Annual Meeting**

📍 Ballroom 20

*Continued on next page*



BY JEFF MICHALSKI, MD, MBA, FASTRO, ASTRO PRESIDENT

**WELCOME TO SAN DIEGO** for ASTRO's 65th Annual Meeting! The theme of this year's meeting is "Pay it Forward: Partnering with Our Patients." This theme speaks to those conversations you may have with patients who might be contemplating participating in a clinical trial. Often they may ask if there is a reward for their enrollment. By enrolling on a clinical trial, they are "paying it forward" and giving future patients a gift that they themselves have received from those in the past. Furthermore, patients provide us with so much information to improve care for others. This may be through the use of clinical data to learn about disease processes or outcomes. It may also come through their advocacy on trial design or the encouragement of participation by others.

At this year's meeting we will emphasize the value of clinical research. The phase III randomized trial sits at the top of the evidence pyramid as we use evidence in our medical decision making. This afternoon's Presidential Symposium will focus on prospective clinical investigations. The first session is chaired by Dr. James Dignam, chief statistician for the NRG. This session is charged to present means to make clinical trials more efficient. Fewer subjects, shorter follow-up, and more meaningful endpoints are needed to bring discoveries to our patients more quickly and effectively. Next, Dr. Eleanor

Walker will lead a session on the importance of diversity both within enrolled subjects and the research team and will inform us that the most meaningful outcomes and application of clinical research is made when the study population reflects the patient populations that we serve. A third session will be made up of survivors and participants in clinical research. We will hear from these patients and learn from their clinical trial experiences. Finally, we will hear from Drs. Quynh-Thu Le and Mitchell Machtay about research strategies of clinical trial groups around the globe.

Our keynote presenters will speak to the importance of partnering with our patients. Dr. Arif Kamal, Chief Patient Officer of the American Cancer Society, will address aspects of patients' access to care and the need to address their psychological well-being to achieve optimal outcomes. Dr. Anupam Bapu Jena, author of "Random Acts of Medicine" and former host of the Freakonomics MD podcast, will lead an interactive session on how perceived bias may impact medical decisions.

We are bringing back ASTRO's popular Practical Radiation Oncology (PRO) weekend program. This schedule allows physicians who cannot be away from a busy clinic to attend these exceptional educational sessions. These sessions

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Meet the #ASTRO23 Social Champions. Follow them and #ASTRO23 for live meeting coverage on X (Twitter).

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#### PRESIDENTIAL SYMPOSIUM

See today's lineup and schedule of presenters for the four sessions of the Presidential Symposium.

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#### ADVOCACY UPDATE

Ron Ennis, MD, FASTRO, Chair of ASTRO's Government Relations Council, invites you to two opportunities to engage on policy issues, including ROCR.

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#### ABSTRACT AWARD WINNERS

Meet the 2023 Annual Meeting Abstract Award Winners.

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# STREET TALK

## What's something new you're planning to do at this year's Annual Meeting?



"I attended the inaugural ARRO Medical Student Workshop. This new program offered free in-person and virtual options so that medical students everywhere can learn more about a career in radiation oncology. I also plan to run the ROI 5K for the first time. ROI has shown a dedication towards residents and early career faculty, including through the development of its publication award which is limited to those within 10 years from training. I see running the 5K as a fun way to give back." – *Michael LeCompte, MD*



"I always enjoy participating in the ASTRO Annual Meeting and catching up with friends and colleagues. This year's educational and scientific sessions seem particularly high yield and well put-together, and I hope to attend as many as I can. As a clinical trialist, I am looking forward to the Presidential Symposium and Dr. Michalski's Presidential Address speaking to how clinical trials can be used as a means to "pay it forward." Lastly, I am very excited that my friend Dr. Najeeb Mohideen will be honored with the Gold Medal, and I look forward to his receipt of this well-deserved recognition." – *Vinai Gondli, MD*



"This year I was privileged to moderate the Radiopharmaceutical Master Class for the first time as co-director of the Theranostics Center at Siteman Cancer Center, Washington University School of Medicine. In our concluding remarks, we called upon radiation oncologists to become and remain actively engaged in radiopharmaceutical treatment and research, especially in collaboration with our nuclear medicine colleagues. I will also be playing tennis with an esteemed GI colleague. Whoever loses concedes that the other's preference for rectal cancer treatment (short course vs. long course) is superior!" – *Hyun Kim, MD*

### ASTRO Daily News 2023

Issue Number 1 | Sunday Edition

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## SCHEDULE AT A GLANCE

Sunday, October 1

**9:30 a.m. - 10:45 a.m.**

**PRO 09** - Maximizing Patient Outcomes and Minimizing Morbidity in Gastrointestinal Cancer  
📍 Room 33

**9:30 a.m. - 11:00 a.m.**

**Clinical Trials Session**  
📍 Ballroom 20

**11:00 a.m. - 12:15 p.m.**

**PRO 10** - Personalization of Systemic Therapy for Localized to Metastatic Prostate Cancer  
📍 Room 33

**11:00 a.m. - 2:30 p.m.**

**2023 Aspiring Scientists and Physicians Program for Underrepresented in Medicine**  
📍 Room 7

**12:00 p.m. - 1:00 p.m.**

**Presidential Symposium Session I: Clinical Trial Design**  
📍 Ballroom 20

**1:00 p.m. - 2:00 p.m.**

**Presidential Symposium Session II: Diversity in Clinical Trials**  
📍 Ballroom 20

**2:00 p.m. - 3:00 p.m.**

**Presidential Symposium Session III: Patient Perspectives**  
📍 Ballroom 20

**3:00 p.m. - 4:00 p.m.**

**Presidential Symposium Session IV: International Trial Reports**  
📍 Ballroom 20

**4:00 p.m. - 5:00 p.m.**

**ASTRO 2023 Social (Media) Hour** (Formerly Tweet Up)  
📍 Hall D - Near the ASTRO sign

**4:15 p.m. - 5:45 p.m.**

**Master Class 03** - Beyond RTOGv2.0: The First Ten Years of NRG Oncology and Paying it Forward for Many Years Ahead  
📍 Room 30 A/B/C

**4:45 p.m. - 5:45 p.m.**

**QP 02** - Prof Dev/Med Ed + PRO/QoL: Patient and Professional Centered Research  
📍 Room 8

**4:45 p.m. - 6:00 p.m.**

**Panel 03** - Let's Talk About It: Sexual Health after Pelvic Radiation  
📍 Room 6 D/E

**4:45 p.m. - 6:00 p.m.**

**EDU 03** - Getting Your Ducks in a Row: Experiences Operationalizing Adaptive Radiotherapy  
📍 Room 31

**4:45 p.m. - 6:00 p.m.**

**EDU 04** - Update: Penile Cancer  
📍 Room 6 C/F

**4:45 p.m. - 6:00 p.m.**

**EDU 05** - ASTRO/IRLOG Joint Session: When Every Centigray Counts: Expert Panelists on Approaching and Optimizing the Most Challenging Lymphoma Plans  
📍 Room 2

**4:45 p.m. - 6:00 p.m.**

**International 03** - Implementation Challenges of Stereotactic Body Radiotherapy and Radiosurgery in Low- and Middle-Income Countries  
📍 Room 5

**4:45 p.m. - 6:00 p.m.**

**Panel 04** - Rationale and Results for TGFβ Inhibition in Radiotherapy  
📍 Room 33

**4:45 p.m. - 6:00 p.m.**

**SS 04** - Predicting the unpredictable in esophageal cancer and keeping pancreatic SBRT on the map  
📍 Room 1

**4:45 p.m. - 6:00 p.m.**

**SS 05** - DEIH 1: Taking Action to Advance Health Equity in Radiation Oncology  
📍 Room 4

**4:45 p.m. - 6:00 p.m.**

**SS 06** - DHI 1: Digital Health Innovation and Informatics  
📍 Room 32

**4:45 p.m. - 6:00 p.m.**

**PQA 01 and Poster Walk** - Lung Cancer and DEIH  
📍 Hall B2

**5:00 p.m. - 6:00 p.m.**

**ARRO Mentoring and Networking Event**  
📍 Room 29

**5:30 p.m. - 8:00 p.m.**

**LGBTQIA+ and Allies Meet Up**  
📍 Hilton Bayfront, Aqua 310A

### SESSION TYPES KEY:

- **Education Sessions (EDU)** – Evidence-based sessions focused on what we know and what we are currently doing; standard of care.
- **Oral Scientific Sessions (SS)** – Ten-minute abstract presentations with Q&A, grouped by track and often summarized by a discussant.
- **Panel Sessions** – Moderated discussions led by expert panelists on topics in an interactive format.
- **Poster Q&A Sessions (PQA)** – Posters grouped by track. Authors have five minutes for presentations and three minutes for Q&A followed by open Q&A.
- **Quick Pitch Sessions (QP)** – Oral scientific presentation sessions formatted with an introduction by the moderator and short presentations by abstract presenters followed by a moderated Q&A period.
- **Storytelling Sessions (ST)** – Members, patients and experts in the field share their experiences through compelling stories; attendees are invited to interact with speakers in a more personal way.

## WELCOME TO THE 2023 ANNUAL MEETING CONTINUED

are a favorite of community practice and academic physicians, alike. New this year we have introduced “Trials in Progress” in our Poster Hall sessions in order to inform attendees about ongoing clinical research. Another popular event is our “Speed Mentoring” program that brings together early career physicians with experienced ASTRO members for discussions on topics ranging from contract negotiation, building professional networks, acing an interview, maintaining work-life balance, and many more valuable topics.

Please take advantage of the charms of sunny San Diego. The city offers exceptional attractions such as its famous zoo, outstanding beaches, unique museums, distinctive restaurants and extraordinary breweries! ASTRO is offering morning yoga sessions at the Hilton Bayfront that you won't want to miss. Take in a classical concert at the Rady Shell behind the convention center. The weather at this year's meeting will be perfect with plenty of sunshine and cool evenings. I look forward to seeing you around the convention center! 🧘



### Sunrise Yoga Classes

**Take time to relax and recharge!**

Complimentary Sunrise Yoga classes are available **Sunday, October 1 – Tuesday, October 3.**

**Location:** Hilton San Diego Bayfront Promenade

**Time:** 6:00 am. - 7:00 a.m.

*Classes are limited to the first 50 people that arrive. Mats are provided.*

### UNRESTRICTED EDUCATIONAL GRANT SUPPORTERS

**Merck & Co., Inc**

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# Presidential Symposium

## Schedule of Events

### Sunday, October 1 | 12:00 p.m. - 4:00 p.m.

Join Jeff Michalski, MD, FASTRO, ASTRO President, for the 2023 Presidential Symposium. This symposium is designed to challenge the audience to think of new ways to approach clinical research in their offices, in their institutions and with their patients.

#### Introduction | 12:00 p.m. - 12:05 p.m.

**Speaker:** Jeff Michalski, MD, MBA, FASTRO, Washington University St. Louis

#### Session I: Clinical Trial Design | 12:05 p.m. - 1:00 p.m.

Discussion will focus on how novel trial designs can be more efficient and effective, exploring the means to reduce the number of enrollees and shorten the time to obtain meaningful results. Statistical design will be explored, along with a look at how NCI is developing an innovative clinical trial unit.

**Moderator:** James Dignam, PhD, NRG Oncology Statistics and Data Management Center

**Speakers:**

- Nolan Wages, PhD, Virginia Commonwealth University
- Matthew Sydes, MSc, CStat, MRC Clinical Trials Unit

#### Session II: Diversity in Clinical Trials | 1:00 p.m. - 2:00 p.m.

This session will focus on the necessity of clinical trials to have a diverse enrollment along with a diverse study team, with patient perspectives from those who have participated in radiation clinical trials.

**Moderator:** Eleanor Walker, MD, Henry Ford Health System

**Speakers:**

- Karen Winkfield, MD, PhD, FASTRO, Vanderbilt University
- Electra Paskett, PhD, The Ohio State University
- Desirée A. H. Walker, Patient Advocate, SHARE Cancer Support
- Brian Rivers, PhD, MPH, Morehouse School of Medicine

#### Session III: Patient Perspectives | 2:00 p.m. - 3:00 p.m.

This session will provide a unique learning opportunity, as patients and patient advocates share their stories and experiences from clinical trials. Advocates will share how they appreciate being approached about clinical trials or their research into trials.

**Moderator:** Bryan Hwang, MD, Mountain View Center and Barbara Barclay, Patient advocate

**Patient Advocate Speakers:**

- Catherine Circo
- Roberta Albany
- Joseph Radocchio

#### Session IV: International Trial Reports | 3:00 p.m. - 4:00 p.m.

The final session of the Presidential Symposium will feature updates from international society representatives on priorities, challenges and opportunities unique to each organization surrounding clinical trials.

**Moderator:** Mitchell Machtay, MD, FASTRO, Penn State University, NRG Oncology

**Speakers:**

- Quynh-Thu Le, MD, FASTRO, Stanford University, NRG Oncology
- Winette van der Graaf, MD, PhD, European Organization for Research and Treatment of Cancer (EORTC)
- Trevor Leong, MD, Trans-Tasman Radiation Oncology Group (TROG Cancer Research)
- May Abdel-Wahab, MD, PhD, FASTRO, International Atomic Energy Agency (IAEA)



### ASTRO SOCIAL CHAMPIONS

Look for our Patient Spotlights each day of the meeting.

 Laura Flores, PhD @LauraFlowersE	 Michael LeCompte, MD, MS @LeCompteMD	 Katie Lichter, MD, MPH @LichterKatie	 Adrianna Masters, MD, PhD @doctor_masters
 Julie McCrossin @JulieMcCrossin	 OncoAlert (Gil Morgan, MD) @OncoAlert	 Neil Newman, MD, MS @nbn426	 Sara Beltrán Ponce, MD @SaraBelPonMD
 Niema Razavian, MD @RadOncDoc_Niema	 Austin Sim, MD, JD @A_CT_SimMDJD	 Crystal Seldon Taswell, MD @CrystalSeldon	<b>Don't miss the Social (Media) Hour at the ASTRO sign on Sunday, October 1 at 4:00 p.m.</b>

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# Leadership Pathway Program participants present to ASTRO Board of Directors

**EACH YEAR, THE ASTRO BOARD OF DIRECTORS** holds its fall meeting the Friday and Saturday before the Annual Meeting. As part of this gathering, Leadership Pathway Program (LPP) participants provide updates on the projects they are undertaking. Four LPP participants shared their experiences this year.

Rachel Jimenez, MD, described how she worked with the Education Committee to enhance attention to diversity, equity and inclusion in the Annual Meeting abstract submission and review processes. Additionally, Dr. Jimenez focused her efforts on implementing holistic review for residency selection in radiation oncology. Working with SCAROP, ADROP, ARRO and HEDI, she led a training webinar series for residency programs providing instruction on how to implement holistic review in their residency selection process.

Sophia Kamran, MD, in her second year of the program, described her work with the Clinical Affairs and Quality Council. Dr. Kamran led an initiative to study the demographics of ASTRO clinical guidelines task force participants, which resulted in an article published in the Red Journal HEDI special issue. The article includes an accompanying podcast. For the second year of her LPP project, Dr. Kamran is working to further integrate DEI into incident learning (e.g., RO-ILS). Bias-based or discriminatory interactions (subconscious and explicit) can harm patients and staff, impacting the culture of safety and impact patient care, according to Dr. Kamran's presentation.

Michelle Ludwig, MD, PhD, MPH, also in her second year of LPP participation, spoke about her participation in the Health Policy Committee, HEDI Advocacy and Community Engagement Committee and the Early Career Task Force. Dr Ludwig has championed the Health Equity Achievement in Radiation Therapy (HEART) concept's incorporation into the Radiation Oncology Case Rate (ROCR) payment program. She has also actively focused upon emerging issues regarding climate change and care, as well as access to care.

Jolinta Lin, MD, gave updates about her work with the Government Relations Council. Dr. Lin has been exploring insurance denials; in doing so, she has encountered many obstacles. She has sought to see if patterns exist in denials, especially with regard to race, ethnicity and socioeconomic demographics. This project is ongoing, and data will be shared with ASTRO leadership.

Applications open annually for the two-year LPP program. The career development program aims to increase diversity among ASTRO leadership.



Leadership Pathway Program participants (pictured left to right): Rachel Jimenez, MD, Sophia Kamran, MD, Michelle Ludwig, MD, PhD, MPH, and Jolinta Lin, MD

Fellows selected to participate learn about ASTRO's governance and operational structures, receive placement on an ASTRO Council and engage in committee projects. Participants build mentoring relationships with ASTRO leadership and expand their networks through opportunities to connect with ASTRO leaders, mentors and peers. Additional information on the program can be found at [www.astro.org/LPP](http://www.astro.org/LPP).

## ASTRO Board approves membership discount for graduating residents and members in low- and lower middle-income countries

We're excited to announce that on Friday the ASTRO Board of Directors approved two Membership Committee proposals. The first proposal expanded the existing graduating resident discount program. Graduating residents may join ASTRO within the calendar year of completing their residency for \$69 and will receive a 75% discount for their first full year of membership, followed by a 50% discount the second year and then full price membership for the third year and beyond. This program includes full membership benefits, including digital subscriptions to ASTRO journals.

In alignment with ASTRO's strategic goal to cultivate fuller engagement within the radiation oncology community, the second approved motion enacted a 50% dues reduction for members from low- and lower middle-income countries, as defined by the World Bank. Both programs include full membership benefits based on their membership categories.

These updates will go into effect in 2024.



## International Attendees

### Best of ASTRO Officially Licensed Meetings

*ASTRO offers licenses to host a Best of ASTRO meeting in your country!*

**IN AN EFFORT TO SHARE** the most important scientific studies related to radiation oncology throughout the world, ASTRO created a program that allows organizations to license top-rated content from the 2023 Annual Meeting and hold an officially licensed Best of ASTRO meeting in countries around the globe.

The Best of ASTRO content represents more than 100 of the top-rated abstracts included in the scientific program at the Annual Meeting. These abstracts are hand-picked and feature cutting-edge research in all major disease sites, including the five top-rated abstracts presented during the Plenary session on Monday and all 33 abstracts included in the Discussant-led Science Highlights sessions.

The Best of ASTRO meeting allows attendees to hear these top abstracts presented in a practical and useful way from local leaders in the field of radiation oncology. By holding a Best of ASTRO meeting, you can offer your colleagues access to the top-rated abstracts presented in San Diego and foster discussion and networking at a local level.

Information on application guidelines, fees, eligibility criteria and the full licensing package can be found on the international page of the ASTRO website or by scanning the QR code. There is a \$1,000 discount for applying by the early-bird deadline of October 31, 2023, and special consideration may be offered for low-to-middle-income countries.

Learn how you can sponsor a Best of ASTRO meeting in your country.

**SCAN ME TO LEARN MORE!**





## ROCR Is Rolling at the Annual Meeting

BY RONALD D. ENNIS, MD, FASTRO, CHAIR, ASTRO GOVERNMENT RELATIONS COUNCIL



**ASTRO ANNUAL MEETING ATTENDEES** have two important opportunities to learn and engage on policy issues, including ASTRO's legislative proposal to reform radiation oncology payments.

ASTRO's Health Policy and Government Relations physician leaders are hosting an Advocacy Breakfast (ticket required) on Monday, October 2, 7:00 a.m. - 8:00 a.m. in Room 5, Upper level, which will feature updates on key policy issues impacting radiation oncology and an open dialogue on the Radiation Oncology Case Rate (ROCR) program proposal. Attendees will learn about current legislative and regulatory issues, including prior authorization reform, Medicare payment policy and the latest in cancer research in the midst of a potential government shutdown.


The Advocacy Breakfast is an opportunity for attendees to learn more about ROCR, which aims to increase value-based care by changing payment from a 'per treatment' formula to a 'per patient' system. Without a dramatic change in the way Medicare values the care we deliver, patients will lose access to radiation therapy where they need it. ASTRO physician leaders will detail the foundations of ROCR: patient access, payment stability, eliminating disparities, ensuring value and reducing costs. Attendees have an opportunity to understand why ROCR is critical now, and how it is designed to stabilize payments and ensure patients have access to care where they live. I'll join my fellow ASTRO physician leaders that serve on Health Policy and Government Relations committees, and we're eager for attendees' questions, comments and participation during this breakfast session.

In addition, ASTRO voting members are encouraged to attend the ASTRO Business Meeting on Tuesday, October 3, 11:30 a.m. - 12:45 p.m. in Room 6A, Upper level, where ASTRO Health

Policy Council Chair Constantine Mantz, MD, will lead an open discussion of the ROCR program after official business meeting reports.

Getting up to speed on policy issues will help radiation oncologists advocate for policies that promote and protect the specialty, and ASTRO's advocacy team is always available to support members in reaching out to lawmakers and policymakers. Advocating for our specialty and our patients can be as easy as a few clicks to send a message directly to your senators and congressmen, volunteering for an ASTRO committee, or joining us for spring Advocacy Day. We encourage participation and welcome questions, comments and ideas. ASTRO advocates before Congress, the White House, key federal agencies, private insurers, and while politics is fundamental, ASTRO's legislative policies and goals are not tied to any political party — cancer doesn't care who you voted for. The issues our specialty face cross party lines, an increasingly rare but powerful position in the current political and fiscal environment.

If you can't make these events, attendees are encouraged to stop by the ASTRO PAC Pod Sunday through Tuesday in the lobby near the ASTRO Resource Center, next to Survivors Circle. Staff and physician leaders are available there to discuss ROCR and other policy issues impacting radiation oncology and our patients. Take advantage of this opportunity and meet or catch up with the Advocacy team and colleagues at the ASTRO PAC Pod.

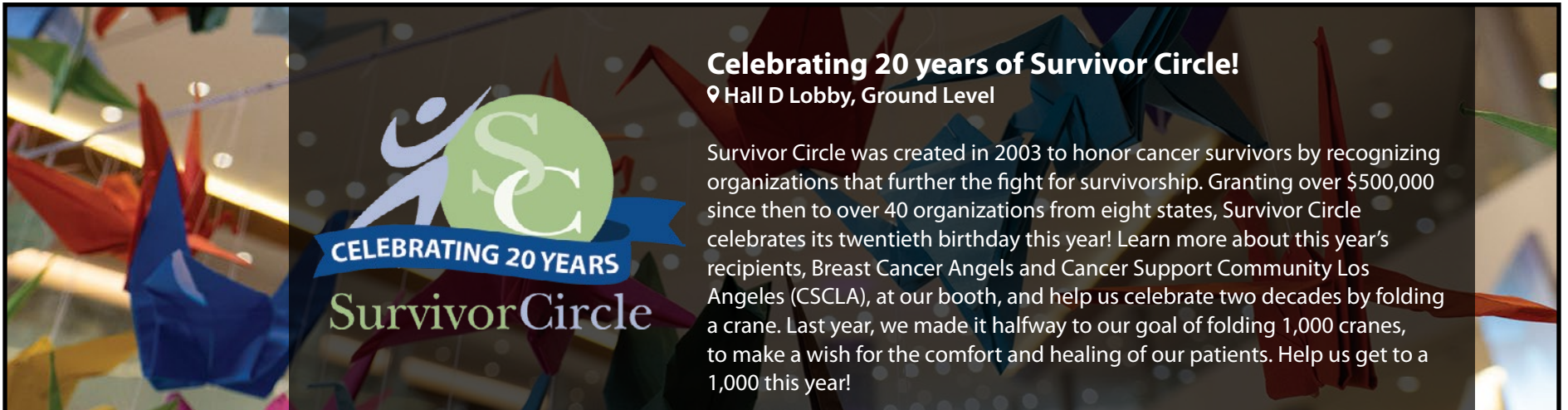
Advocacy for radiation oncology practices and patients fits well within the meeting's theme of Pay it Forward: Partnering with Our Patients. Participation in these sessions will help radiation oncologists strengthen our collective voice to policymakers. 

**Attention all radiation oncology residents interested in government relations and congressional advocacy!**

**Apply now for ASTRO's NEW Government Relations Resident Fellowship**

Spend a week in Washington, DC, shadowing ASTRO's Advocacy staff, participating in all Advocacy meetings and functions, meetings with members of Congress or their staff, and receive an EAGL Award for travel to Advocacy Day.

Learn more and apply by November 3 at [www.astro.org/GRFellowship](http://www.astro.org/GRFellowship).



### Celebrating 20 years of Survivor Circle! 📍 Hall D Lobby, Ground Level

Survivor Circle was created in 2003 to honor cancer survivors by recognizing organizations that further the fight for survivorship. Granting over \$500,000 since then to over 40 organizations from eight states, Survivor Circle celebrates its twentieth birthday this year! Learn more about this year's recipients, Breast Cancer Angels and Cancer Support Community Los Angeles (CSCLA), at our booth, and help us celebrate two decades by folding a crane. Last year, we made it halfway to our goal of folding 1,000 cranes, to make a wish for the comfort and healing of our patients. Help us get to a 1,000 this year!

# 2023 CORPORATE AMBASSADORS

ASTRO proudly recognizes the ongoing commitment of our Corporate Ambassadors for their outstanding year-round leadership and promotional sponsorship of radiation oncology.

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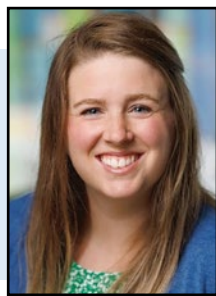
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## ASTRO 2023 Events Highlighting Gender Equity

BY SARA BELTRÁN PONCE, MD, MEDICAL COLLEGE OF WISCONSIN

**THE WOMEN IN RADIATION ONCOLOGY AFFINITY GROUP** is elated to see several sessions at this year's Annual Meeting that include issues pertinent to women in our field. This demonstrates a dedication to improving gender inequities in medicine and an understanding of the importance of discussing these issues on a national scale. Below, we highlight several engaging sessions.

### SUNDAY

On Sunday from 4:45 p.m. to 6:00 p.m., a scientific session, "Taking Action to Advance Health Equity in Radiation Oncology" has several important speakers discussing the establishment of a pathway for diverse candidates in radiation oncology, state mandatory paid family leave and survival amongst children with cancer, and others. These important talks will provide new perspectives on key issues relating to gender equity for patients and physicians.

Later Sunday evening, from 7:00 p.m. to 9:00 p.m., the Society for Women in Radiation Oncology (SWRO) will hold its annual networking event at Cerveza Jack's Gaslamp. All are welcome.

### MONDAY

On Monday from 8:00 a.m. to 9:00 a.m., a session sponsored by ASTRO and SWRO entitled "Getting It All Done – Practical Strategies at All Career Stages" will strive to provide tangible solutions for managing day-to-day productivity, efficiency and balance with perspectives from a resident, residency program director, private practice physician and a late-career academic faculty. This will be followed by the Women of

ASTRO luncheon, sponsored by the American Association for Women in Radiology, from 12:00 p.m. to 1:00 p.m., which will highlight the past, present and future of parental leave in radiation oncology with a presentation delivered by Dr. Sara Beltrán Ponce, ticket required. From 4:00 p.m. to 5:00 p.m., the HEDI Council will host a reception in Room 32. Registration is required for this event.

### TUESDAY

On Tuesday, a storytelling session, "When Can I Speak: Expert Perspectives on Managing Experiences with Workplace Discrimination," will provide strategies for addressing discrimination. A faculty dean, DEI dean, psychologist, physicist and industry representative will share strategies to help proactively address discrimination at organizational and institutional levels as well as for managing personal experiences with discrimination. Also on Tuesday from 1:00 p.m. to 3:00 p.m. in Room 10, attend the Speed Mentoring event where topics of interest, including navigating bias, will be hosted at different tables.

On behalf of the Women in Radiation Oncology Affinity Group, I hope you will consider attending these events, even if the topics may be outside of your usual scope of Annual Meeting sessions. Greater participation will help diversify discussions, expand our collective knowledge, and demonstrate support for all within our field.

If you'd like to explore further sessions within the equity theme, pick up a Journey Map on Diversity, Equity and Inclusion at the ASTRO Resource Center, Hall D Lobby. 🚩

# ASTRO MERCH

NEW

Browse the all new ASTRO store, located near the ASTRO Resource Center to purchase a vest or pullover to keep you comfy in the chilly meeting rooms or a water bottle to keep you hydrated during your yoga session! Select items will be available for purchase on site with the full store available online at [astromerch.astro.org](http://astromerch.astro.org).







# HAVE WE HIT A WALL IN LA SCCHN?

FACING UP TO IMPORTANT QUESTIONS  
ABOUT RESISTANCE TO APOPTOSIS

WHAT ARE THE  
UNMET NEEDS OF PATIENTS  
WITH LA SCCHN?

HOW DOES SCCHN  
RESIST APOPTOSIS?

WHAT ROLE DO  
APOPTOSIS PROTEINS  
PLAY IN RESISTANCE?

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# CONGRATULATIONS

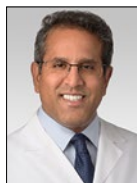
## to the 2023 Annual Meeting Abstract Award Winners

ASTRO awards up to 45 investigators who submitted an abstract to the Annual Meeting with an achievement award. Winners are chosen based on their peer-reviewed scores and final abstract review by the Annual Meeting Steering Committee.

Congratulations to the 2023 Annual Meeting Abstract Award winners! To learn more about their research, search by name in the Annual Meeting Portal at [www.astro.org/AMportal](http://www.astro.org/AMportal).

### Leibel Award

The Steven A. Leibel Award was established in memory of Steven A. Leibel, MD, FASTRO, a former member of the American Board of Radiology (ABR) Board of Trustees and past president of the ABR as well as ASTRO. The ABR Foundation provides two award winners with \$2,000 each at the ASTRO Annual Meeting. Winners are selected by ASTRO leadership from the abstracts designated as Plenary or Clinical Trials presentations.



#### Vinai Gondhi, MD

*Northwestern Medicine Cancer Center Warrenville and Proton Center*

Primary Endpoint Results of NRG CC003: Phase IIR/III Trial of Prophylactic Cranial Irradiation (PCI) with or without Hippocampal Avoidance (HA) for Small Cell Lung Cancer (SCLC)



#### Bradford Hoppe, MD, MPH, FASTRO

*Mayo Clinic Florida*

Consolidative Radiotherapy in Place of Autologous Stem Cell Transplant in Patients with Low-Risk Relapsed/Refractory (R/R) Classic Hodgkin Lymphoma (cHL) Treated with Nivolumab plus Brentuximab Vedotin: CheckMate 744

### International Abstract Award

The international award is designed to foster continuing medical education, assist in career development and help establish relationships with ASTRO members who may serve as scientific mentors to the recipient. Only one award is given each year to candidates who receive the highest score among applicants. The award includes an honorarium, a certificate of recognition and a complimentary registration to the Annual Meeting.



#### Jose Felipe Munoz Lozano, MD

*Hospital Universitario*

Development and Evaluation of a Mobile App for Radiotherapy Patient Education

### Resident Clinical/Basic Science Research Award

This award acknowledges clinical research being performed by young scientists. It is granted to the top resident author of a significant study in radiobiology, clinical research and physics. The award includes an honorarium, a certificate of recognition and a complimentary registration to the Annual Meeting.



#### Alexander Allen, MD

*University of Maryland School of Medicine*

The Impact of a Precision Medicine Navigator on Inequities Associated with Utilization of Genomic Tests in Black Men with Prostate Cancer

### Nurse Abstract Award

This award is designed to promote clinical research among radiation oncology nurses. Up to two awards are presented to the highest rated abstracts of a submitter with a nursing designation. The winners receive a certificate of recognition and complimentary registration to the Annual Meeting.



#### Michelle Wear, MSN

*Mayo Clinic*

Prompt Pain Relief: Advanced Practice Provider Led Rapid Access Palliative Radiotherapy Clinic

### Resident Recognition Awards

The Resident Recognition awards acknowledge outstanding abstracts submitted by early career scientists, biologists and physicists that were accepted into one of two presentation types — Quick Pitch oral scientific session or Digital Poster Viewing. Winners receive a trophy to recognize their achievement.

#### RESIDENT RECOGNITION AWARD - QUICK PITCH



#### Leslie Chang, MD

*Johns Hopkins University School of Medicine*

Impact of Consolidative Radiation on Overall and Progression Free Survival in Pediatric, Adolescent and Young Adult Metastatic Sarcoma

#### RESIDENT RECOGNITION AWARD - POSTER VIEWING



#### Eduardo Urias, MD, MBA

*University of Utah (Clinical)*

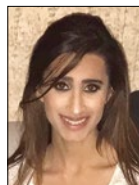
Risk of Cardiac-Specific Mortality in Patients with Lymphoma Treated with Radiotherapy



#### Hua-Ren Cherng, MD

*University of Maryland Medical Center (Clinical)*

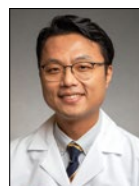
Estimation of Conditional Neurocognitive Function Failure (NCFF) Incidence in Patients Receiving Whole Brain Radiation Therapy (WBRT) for Brain Metastases (BM): Secondary Analysis of NRG CC001



#### Nayan Lamba, MD

*Brigham and Women's Hospital (Clinical)*

A Genomic Score to Predict Local Control among Patients with Brain Metastases Managed with Radiation



#### Jongmyung Kim, MD, PhD

*Rutgers Cancer Institute of New Jersey (Biology)*

The Landscape of Genetic Alterations Associated with Metachronous Metastasis in Patients with Pancreatic Ductal Adenocarcinoma and Its Prognostic Significance

## Basic/Translational Science Award

This award is designed to encourage participation in the ASTRO Annual Meeting by basic and translational scientists. Up to 12 awards are given to applicants having the top-rated abstracts in clinical research, radiobiology and physics categories. Winners are a mixture of junior and senior level investigators. The award includes an honorarium, a certificate of recognition and a complimentary registration to the Annual Meeting.



**Kailin Yang, MD, PhD**

*Taussig Cancer Center, Cleveland Clinic (Junior Investigator, Clinical)*

Results of a Phase I Trial of Dose Escalation for Preoperative Stereotactic Radiosurgery for Patients with Large Brain Metastases



**Susannah Ellsworth, MD**

*UPMC Hillman Cancer Center (Senior Investigator, Biology)*

Influence of Radiation Fractionation on Immune Repertoire Diversity in Solid Tumor Patients



**Hosniya Zarabi, MD, MS**

*Wake Forest School of Medicine (Junior Investigator, Clinical)*

Multi-Institutional Report of Re-Irradiation for Recurrent High Grade Glioma



**Pippa Cospers, MD, PhD**

*University of Wisconsin School of Medicine and Public Health (Senior Investigator, Biology)*

Mitotic Errors Increase Radiation Sensitivity in Multiple Cancer Cell Types and in Laryngeal Cancer Patients



**Aadel Chaudhuri, MD, PhD**

*Washington University School of Medicine (Senior Investigator, Clinical)*

Circulating Tumor DNA for Early Risk Stratification of Oligometastatic Lung Cancer



**Moamen Abobakr, MD**

*MD Anderson Cancer Center (Junior Investigator, Physics)*

Assessment of Dynamic Contrast Enhanced (DCE) MRI for Detection of Radiotherapy Induced Alteration in Mandibular Vasculature



**Mohammad Khan, MD, PhD**

*Emory University (Senior Investigator, Clinical)*

Phase 2 Trial of Anti-PD1 and 8 Gy in 1 Fraction for Relapse/Refractory Myeloma



**Stephanie Bennett, PhD**

*Brigham and Women's Hospital (Junior Investigator, Physics)*

Theranostic Nanoparticle Uptake in Patient Brain Tumors as Quantified by MP2RAGE T1 Mapping



**S. John Liu, MD, PhD**

*University of California San Francisco (Junior Investigator, Biology)*

Coupling In Vivo CRISPR Perturbation with Single Cell Transcriptomics Defines Gene-Treatment Interactions and Reveals the Role of DNA-PK as a Targetable Radiation Vulnerability in Glioblastoma



**Yesenia Gonzalez, PhD**

*University of Texas Southwestern (Junior Investigator, Physics)*

Dosimetric Comparison of Adaptive Radiotherapy Modalities for Stereotactic Partial Breast Irradiation



**Anthony Nguyen, MD, PhD**

*Cedars-Sinai Medical Center (Senior Investigator, Biology)*

Non-Redundant Mechanisms of Immune Resistance to Radiotherapy Converge on Innate Immunity



**Hao Gao, PhD**

*University of Kansas Medical Center (Senior Investigator, Physics)*

Towards Clinical Proton Minibeam Radiation Therapy (pMBRT): Development of Clinical pMBRT System Prototype and pMBRT-Specific Treatment Planning Method

## Annual Meeting Travel Awards

This award is designed to recognize outstanding abstracts submitted by early career scientists, biologists and physicists. Up to 15 awards are given (five in each category) to offset travel expenses to the meeting.

CLINICAL



**Kekoa Taparra, MD, PhD**  
*Stanford Cancer Institute*



**Nikhil Yegya-Raman, MD**  
*University of Pennsylvania*



**Diego Toesca, MD**  
*Mayo Clinic*



**George Naoum, MD, MS**  
*Harvard Medical School*



**Pooja Karukonda, MD**  
*Duke University Medical Center*

BIOLOGY



**Matthew Deek, MD**  
*Rutgers Cancer Institute of New Jersey*



**Liam Spurr, BS**  
*University of Chicago*



**Benjamin Schrank, MD, PhD**  
*University of Texas MD Anderson Cancer Center*



**Richard Ross, MD**  
*University of Colorado*



**Chike Abana, MD, PhD**  
*University of Texas MD Anderson Cancer Center*

PHYSICS



**Christopher Kehayias, PhD**  
*Brigham and Women's Hospital*



**Avani Rao, MD**  
*Inova Schar Cancer Institute*



**Justine Dupere, PhD**  
*Mayo Clinic*



**Sangjune Lee, MD, MS**  
*Tom Baker Cancer Centre*

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Visit the Product Showcase located directly outside the entrance of Hall F to learn about the products featured in the Product Showcase. View products on the Annual Meeting Portal at [www.astro.org/amportal](http://www.astro.org/amportal) or via MyASTROApp, the official meeting app, to see photos, videos and detailed information about each product.



**Accuray Incorporated**

Booth: 2517

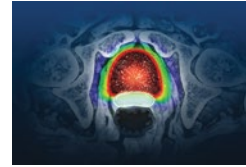
Product Name: The Radixact® System, the Most Comprehensive Breast Cancer Treatment System



**AstraZeneca**

Booth: 2717

Product Name: IMFINZI® (durvalumab)



**Boston Scientific**

Booth: 2235

Product Name: SpaceOAR Systems: Absorbable Perirectal Hydrogel Spacers



**Castle Biosciences, Inc.**

Booth: 2236

Product Name: DecisionDx-SCC



**CDR Systems, Inc.**

Booth: 1317

Product Name: The Freedom™ X DUO SRS Immobilization System



**EMD Serono**

Booth: 3435



**Empyrean Medical Systems, Inc.**

Booth: 1453

Product Name: Morpheus™



**Hepatiq, Inc.**

Booth: 1551

Product Name: HEPATIQ - The Ultimate Liver Test™



**LAP of America Laser Applications, L.L.C.**

Booth: 1405

Product Name: LUNA 3D



**LAP of America Laser Applications, L.L.C.**

Booth: 1405

Product Name: RadCalc



**Leo Cancer Care**

Booth: 4207

Product Name: Marie™



**Macromedics Patient Positioning**

Booth: 1427

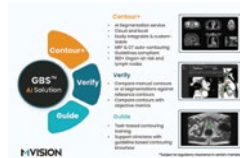
Product Name: DSPS-Prominent®



**MIM Software**

Booth: 3136

Product Name: Contour ProtégéAI+



**MVision AI**

Booth: 2053

Product Name: Guideline Based Segmentation Solution (GBS™)



**Novocure Inc.**

Booth: 2733

Product Name: Optune



**Orfit Industries America**

Booth: 2845

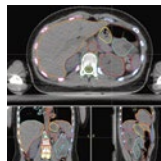
Product Name: The AIO Solution 3.0: Prone Breast Solution



**Perspective Therapeutics**

Booth: 4117

Product Name: Cesium-131



**Radformation**

Booth: 1417

Product Name: Radformation's Suite of Clinical Automation Solutions



**TheraPanacea**

Booth: 1651

Product Name: ART-Plan™



**THERYQ**

Booth: 1650

Product Name: FLASHKNiFE



**Triplet State Technology LLC**

Booth: 1309

Product Name: Magnetic Field Generator System (MFGS)



**Varian, A Siemens Healthineers Company/Siemens Healthineers**

Booth: 1617

Product Name: SOMATOM go.Open Pro

**Stop by the ASTRO Resource Center**  
 ♻️ Hall D Lobby, Ground Level

Open daily starting at 7:00 a.m.

ASTRO representatives are available to answer questions about the Annual Meeting, ASTRO, membership, continuing education, session and meeting evaluations and provide information on any of ASTRO's products and services. Badge ribbons are available for pick up for 25-year members, APEx participants, RO-ILS participants and *ASTROnews* Editorial Board members.

## INDUSTRY-EXPERT THEATERS

Hall C on the right-hand side of the Exhibit Hall and 28 AB, Upper Level

**SUNDAY, OCTOBER 1**

### 📍 Theater 1

**12:00 p.m. – 1:00 p.m.**

**Blue Earth Diagnostics, Inc.**

*POSLUMA: Precision PET Imaging that is Truly Revealing*

### 📍 Theater 2

**12:00 p.m. – 1:00 p.m.**

**AstraZeneca**

*Working Together to Advance Guideline-Recommended Care for Early-Stage NSCLC: Benefits of The Multidisciplinary Team*

### 📍 Room 28 AB, Upper Level

**12:00 p.m. – 1:00 p.m.**

**GE HealthCare**

*New Frontiers in Radiotherapy*

### 📍 Theater 1

**2:00 p.m. – 3:00 p.m.**

**Accuray**

*Expert Encounters: A Live Debate on the Merits and Controversies of SBRT and ADT in the Management of Prostate Cancer*

### 📍 Theater 2

**2:00 p.m. – 3:00 p.m.**

**Palette Life Sciences**

*Why Data Matters: New Findings from the Barrigel Clinical Trial*

## INDUSTRY SATELLITE SYMPOSIA

**SUNDAY, OCTOBER 1**

**6:00 p.m. - 6:30 p.m.: Registration and Dinner**

**6:30 p.m. - 8:00 p.m.: Symposium**

*Tumor Treating Fields as an Innovative Modality of Cancer Therapy: From CNS to Thoracic Malignancies and Beyond*

**Location:** Hilton San Diego Bayfront  
Indigo Ballroom BC (Level 2)  
1 Park Boulevard  
San Diego, CA

For more information or to register, please visit <https://PeerView.com/SanDiego23-Live>

**CME Credits:**

**Physicians**

PVI, PeerView Institute for Medical Education, designates this live activity for a maximum of *1.5 AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Physician Assistants**

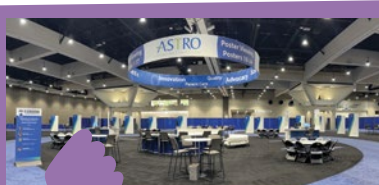
PVI, PeerView Institute for Medical Education, has been authorized by the American Academy of PAs (AAPA) to award AAPA Category 1 CME credit for activities planned in accordance with AAPA CME Criteria. This activity is designated for 1.5 AAPA Category 1 CME credits. PAs should only claim credit commensurate with the extent of their participation.

**Target Audience:** This activity has been designed to meet the educational needs of radiation oncologists, medical oncologists, neuro-oncologists, advanced practice clinicians, and other health care professionals involved in the management of solid tumors.

**Learning Objectives:** Upon completion of this activity, participants should be able to:

- Describe the mechanistic rationale and evidence supporting the use of TTFields for the treatment of patients with CNS, thoracic, and other aggressive solid tumors.
- Integrate TTFields into multimodal management protocols for appropriately selected patients with CNS, thoracic and other solid malignancies.
- Devise team-based strategies designed to mitigate and manage adverse events associated with TTFields to improve outcomes in patients with difficult-to-treat cancers.

**This activity is supported by an educational grant from Novocure, Inc.**



## POSTERS

📍 Hall B2

Over 1,600 posters will be presented this week. Scheduled Poster Q&A sessions will provide all presenters with five minutes for individual presentation and Q&A followed by open Q&A time for all presenters. See today's schedule at a glance for listings.



## EXHIBIT HALL OPENS TODAY,

**10:00 A.M.**

📍 Halls B-G

Learn about the latest products from more than 200 exhibitors.

**Sunday, October 1** 10:00 a.m. - 5:00 p.m.

**Monday, October 2** 10:00 a.m. - 5:00 p.m.

Networking Reception 4:00 p.m. - 5:00 p.m.

**Tuesday, October 3** 10:00 a.m. - 5:00 p.m.

All registered attendees are invited to the Exhibit Hall Networking Reception hosted by ASTRO. A beverage ticket was included in your registration materials when you checked in.

## 2023 ANNUAL MEETING PROMOTIONAL SPONSORS

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## Industry-Expert Theater



# Current Controversies in Prostate Cancer Perirectal Gel Spacing

Monday, Oct. 2, 2023

Noon – 1 p.m. PDT

Theater 1

Lunch will be provided\*

### MODERATOR



#### Steven J. Frank, M.D.

Professor and Deputy Head, Division of Radiation Oncology, Executive Director, Particle Therapy Institute, The University of Texas MD Anderson Cancer Center, Houston, Texas, U.S.

### PRESENTERS

#### SpaceOAR™ Hydrogel: Facts & myths



#### Michael Zelefsky, M.D.

Radiation Oncologist, Professor of Radiation Oncology, Director, Genitourinary Oncology and Brachytherapy, Perlmutter Cancer Center New York University School of Medicine, New York, New York, U.S.

#### Clinical utility of SpaceOAR Vue™ Hydrogel CT visibility



#### Jason Efstathiou, M.D., DPhil, FASTRO, FACRO

Radiation Oncologist, Professor of Radiation Oncology, Harvard Medical School, Vice-Chair, Faculty & Academic Affairs, and Director, Genitourinary Service, Department of Radiation Oncology, Clinical Co-Director, The Claire and John Bertucci Center for Genitourinary Cancers, Massachusetts General Hospital, Boston, Massachusetts, U.S.

#### The necessary ingredients for a quality SpaceOAR™ Hydrogel placement



#### Brian Baumann, M.D.

Radiation Oncologist, Springfield Clinic Cancer Center, Springfield, Illinois, U.S.

#### Reflections on building a high-volume SpaceOAR™ Hydrogel center



#### Daniel Spratt, M.D.

Radiation Oncologist, Vincent K Smith Chair of Radiation Oncology, UH Seidman Cancer Center, Chair and Professor, Department of Radiation Oncology, Case Western Reserve University, Cleveland, Ohio, U.S.

## ASTRO Annual Meeting 2023 | Visit booth #2235

\*This invitation is extended only to Healthcare Providers. Spouses and other guests are not permitted to attend. Vermont licensed physicians are not permitted to attend. Additionally, Government employees should consult with their agency's or institution's ethics officer or ethics committee to confirm your attendance is permitted.

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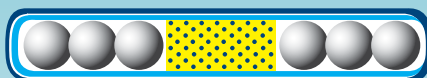
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<sup>1</sup> Communication from J. Limmer, UW Cancer Center Wausau Hospital, Wausau, Wisconsin – Dated December 14, 2000. <sup>2</sup> B.H. Heintz, R.E. Wallace & J.M. Hevezi, Med. Phys. 28(4) 671-682 (2001).  
<sup>3</sup> Communication from Khai Lai, Kreitton Oncology Services Shoreline, Washington – Dated March 8, 2001. <sup>4</sup> Jeff Limmer, Medical Physicist.

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