



AMERICAN SOCIETY FOR RADIATION ONCOLOGY

Cindy Tomlinson

Senior Manager for Patient Safety and Regulatory Affairs
American Society for Radiation Oncology

Fostering the Collaboration Between Security and Radiotherapy-Focused Organizations
October 24, 2023



AMERICAN SOCIETY FOR RADIATION ONCOLOGY

ASTRO is the **leading medical society** dedicated to radiation oncology, biology & physics.

A non-profit professional organization founded in 1958



Our Members

ASTRO's **nearly 10,000 members** include radiation oncologists, biologists, medical physicists, dosimetrists, radiation therapists, nurses, physician assistants, practice administrators & industry representatives.

**Members from 6 continents,
80+ countries & all 50 U.S. states.**



AMERICAN SOCIETY FOR RADIATION ONCOLOGY

Our doctors **treat >1 million people** with cancer each year.

Radiation therapy is a **safe, effective choice** for many, including the most common cancers.

2 in 5 Americans will develop cancer. **More than half** will be prescribed radiation therapy.



ASTRO

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Our Mission

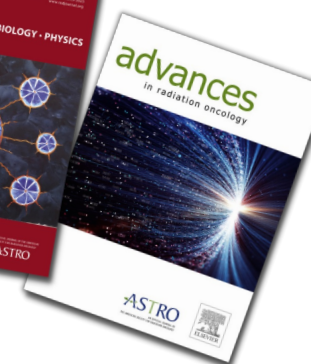
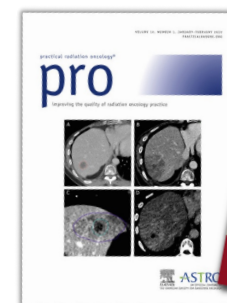
Advance the radiation oncology specialty through:

- Promotion of **equitable, high-quality care** for people with cancer
- Cultivating & educating a **diverse workforce**
- Fostering **research & innovation**
- Leading **policy development & advocacy**

RO•ILS

RADIATION ONCOLOGY®
INCIDENT LEARNING SYSTEM

Sponsored by ASTRO and AAPM





AMERICAN SOCIETY FOR RADIATION ONCOLOGY

ASTRO's Goals and Objectives

ASTRO will cultivate fuller engagement with radiation oncology community

ASTRO will foster a diverse workforce and improve access to equitable care

ASTRO will drive high quality care

ASTRO will lead policy advocacy

ASTRO will enhance research and innovation in the field

ASTRO will showcase the patient benefits of radiation therapy

ASTRO will ensure access to innovative education



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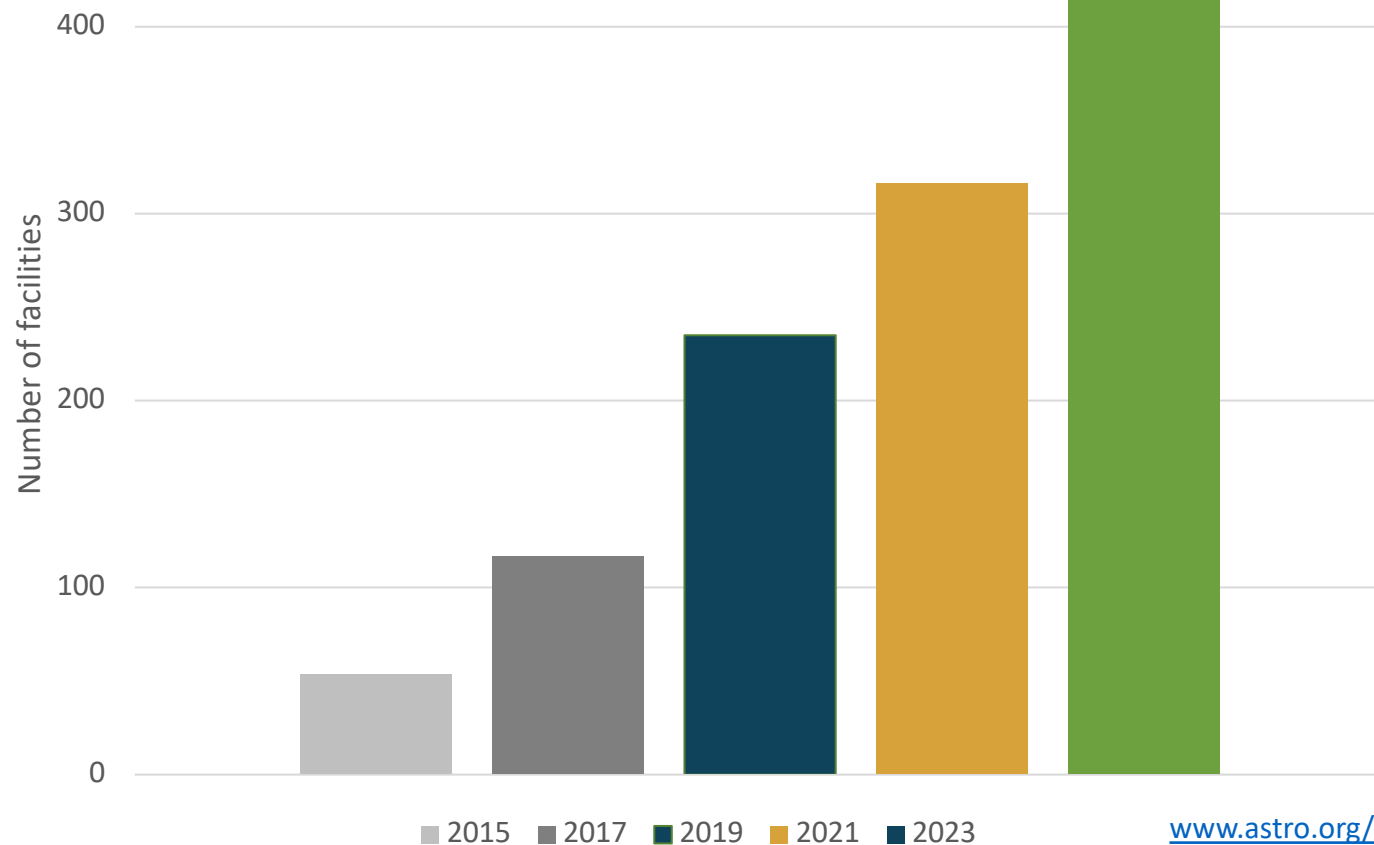
ASTRO will ensure access to innovation

- Lead initiatives that enhance the quality, safety, and value of radiation oncology to improve the lives of patients
- Drive patient-centered, equitable and timely access to care
- Create guidelines, metrics and interventions that lead to improved patient outcomes
- Support the judicious use of technological advances that lead to more efficient and higher value patient care



- **437** facilities participating in APEX
- **319** are fully accredited with the remaining in progress
- **99%** retention of facilities during reaccreditation

APEX's growth continues among newly accredited practices and those switching from other accrediting bodies



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RO-ILS

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857 facilities enrolled

Over 32,000 events submitted to the RO-ILS database

6 educational resources released in 2023

Supporters



Corporate Supporters

varian

A Siemens Healthineers Company



Theragenics.

www.astro.org/roils



AMERICAN SOCIETY FOR RADIATION ONCOLOGY

Recent Safety White Papers:

- SRS and SBRT
- IMRT
- IGRT

Guidelines currently in progress:

- Partial Breast Irradiation
- Bone Metastases
- HPV+ Oropharyngeal cancer
- Post-Mastectomy RT
- Grade 4 Diffuse Glioma (GBM replacement)
- Rectal Cancer focused update

Safety White Papers in progress:

- Adaptive Radiation Therapy
- Radiopharmaceutical Therapy

Guideline collaborations

ESTRO

ASCO

Society of
Interventional
Radiology



The Society
of Thoracic
Surgeons



American
Urological
Association

ACCP
American
College of
Clinical Pharmacy



ISOO
INTERNATIONAL SOCIETY
of ORAL ONCOLOGY



AMERICAN SOCIETY OF
PLASTIC SURGEONS



CSTRO

<https://www.astro.org/Patient-Care-and-Research/Clinical-Practice-Statements/Consensus-Documents>

<https://www.astro.org/Patient-Care-and-Research/Clinical-Practice-Statements/Clinical-Practice-Guidelines>



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- Serve as a credible resource that educates and influences the federal government on the benefits, value and innovation of radiation oncology to the overall healthcare system
- Drive policies that reduce cancer disparities and improve care for groups that have been economically and socially marginalized
- Support incentives for radiation oncologists to actively engage in clinical patient care, as well as protect and expand their scope of practice for the benefit of patients
- Advocate that patients and radiation oncologists, not payers or benefits managers, make all treatment decisions based on clinical and scientific evidence
- Promote policies that expand access and coverage for both independent physician offices and hospitals to ensure radiation oncology services are available to all patients who may benefit



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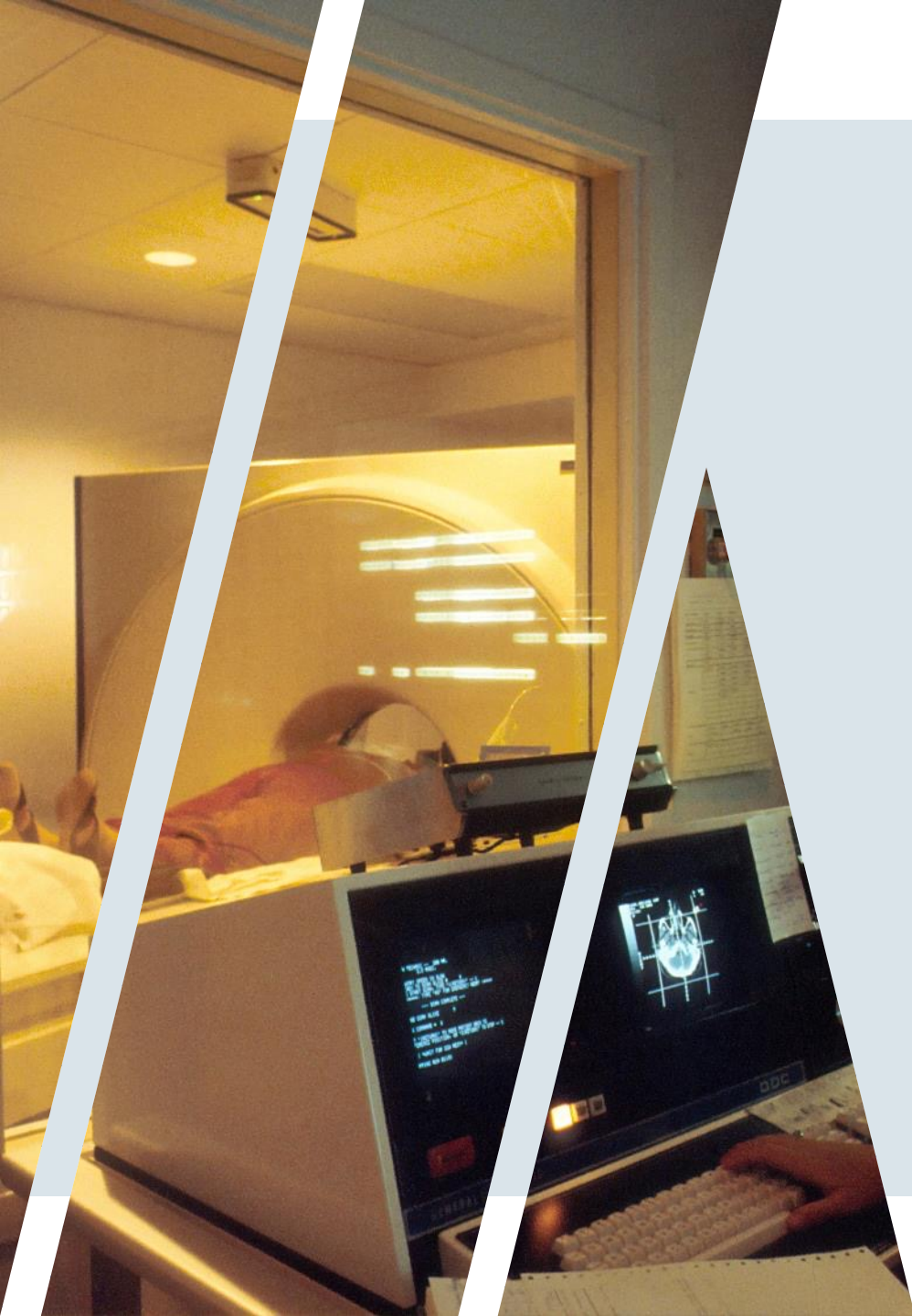
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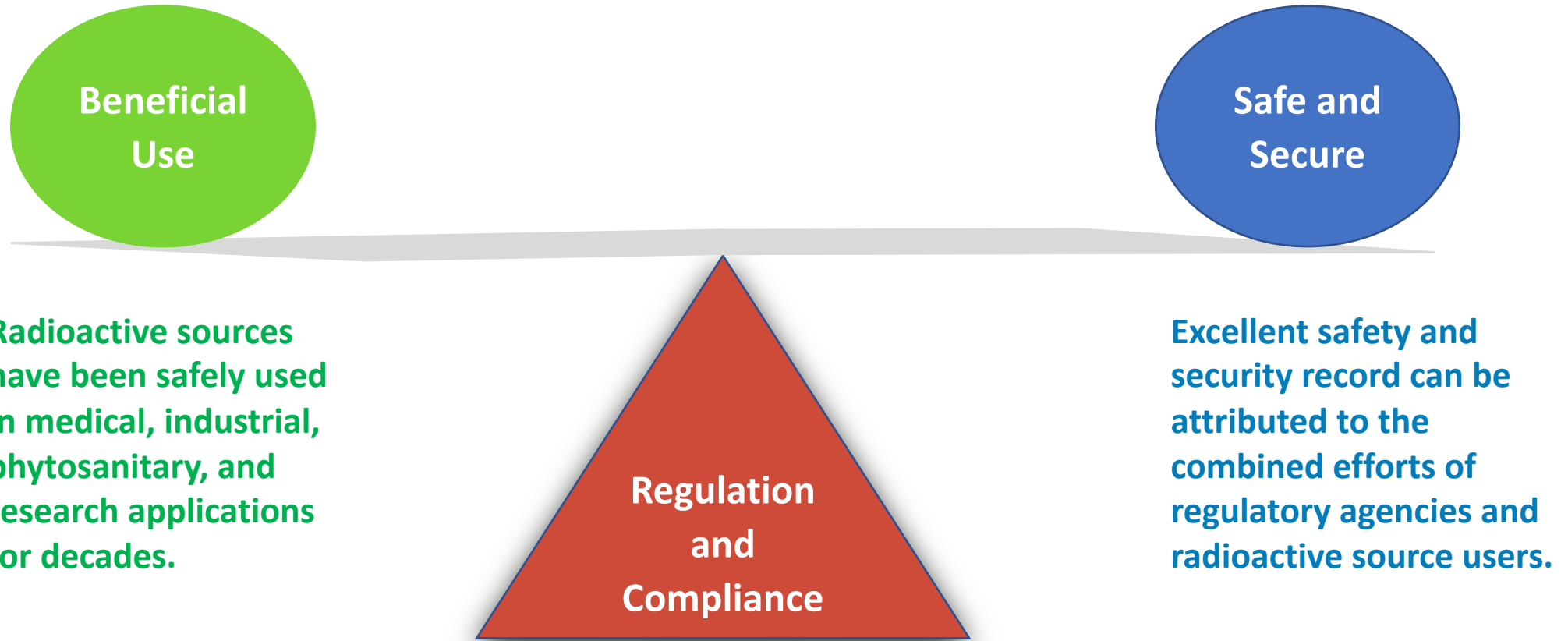
Source Security WORKING GROUP

The **Source Security Working Group (SSWG)** is an alliance of professional societies and corporations seeking to ensure safe and secure access to radiological sources.

Radiological sources are a critical and underappreciated component of our modern economy, from cutting-edge cancer treatments, to measuring oil and gas reserves, pipeline inspection, sterilization of medical supplies, and phytosanitary irradiation of food and cosmetics.

“Don’t tip the balance.”

The U.S. has an effective regulatory system to ensure the safe, secure use of sources:





Any disruption in radioactive sources place patients at risk due to a shortage of medical devices and sterile supplies.

Other sterilization tech unable to fill the void if gamma irradiation becomes unavailable.



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www.astro.org

www.rtanswers.org