Professional society roles in your career
- Knowledge
- Growth
- Support
- Professional Friendships

COME FOR THE EDUCATION!
STAY FOR THE COMMUNITY
MRI IS NOT JUST A JOB-IT'S A PROFESSION THAT RAPIDLY BECOMES A WAY OF LIFE
SO MUCH TO LEARN-SO LITTLE TIME!

The mission of the SMRT is to advance global education in the field of magnetic resonance.

Vision Statement:
The Society for MR Radiographers & Technologists (SMRT) strives to be the leading resource for the global MR radiographer and technologist community.

Founded 1990 in Washington DC
After several iterations in name and society mergers, the Society of Magnetic Resonance Radiographers and Technologist (SMRT) emerged as a section of the International Society of Magnetic Resonance in Medicine (ISMRM)

SMRT Safety committee-Created 2011
- MR Safety Standards
  - Consult with FDA and Joint Working Group to provide end user prospective
  - Education
    - Provide MR safety education directed to MR technologist needs
    - Level 1 and Level 2 per JCIACR
    - Safety resource library
    - Posters, video, and webinars
    - Social Media
      - Links to information
      - Forums to communicate and learn
Safety Standards

- FDA: Advisory role for review of device labeling or other MR safety issues-ASTM
- JOINT WORKING GROUP: Invited at the discretion of the group conveners to participate in labeling discussions
- End User Manuals
- IMPLANT VENDOR CONSULTING: Individual companies seek advice from end users (technologists/radiologists) for design of implant conditional documentation

Education

- The main focus and role of the SMRT is educating MR technologists and radiographers. In that vein we have a wide portfolio of activities
  - Live meeting
  - Webinars and recorded conferences
  - Abstracts, papers and video educational offerings
  - Webpage dedicated to MR safety events, resources and information [https://www.ismrm.org/mr-safety-links/]

Networking Opportunities

- Social media
  - Slack for questions, comments and sharing information
  - Facebook for posting pictures and advertising events
  - Networking opportunities for technologists to share information and make connections
  - List-serve

MR Physics and the Technologist/Radiographer

- We need the interactions, advice and collaboration of our friends and colleagues in the MR Physics community
  - Lectures for our meetings and webinars
  - Assist in abstracts, educational material and posters
  - Provide support in our endeavors to educate our workplaces and the MR community
  - Level 1 and 2 safety training
  - Ad-hoc advice with implant labels

Physics and the MR Technologist

- The anchor of our safety "triad"
  - As technologists in the trenches of MR safety issues, we need physicist support to make good decisions and understand complicated implant conditions and indications.
- Risk/benefit decisions
  - Some clinical cases suffer from the lack of established safety guidelines but still need to move forward
  - Legacy pacemakers, unknown or unsafe metallic objects or devices

SMRT MR Technologist and Radiographers

- As a society, we represent the interests of radiographers/technologists and their educational requirements.
- As MR technologists/radiographers we take MR safety as our first and most important job. Protecting our patients, visitors and staff members from accidental harm.
We are on a rapid trajectory toward more complicated devices and safety decisions
- Focused Ultrasound
- MR/PET
- MR & Radiation Oncology
- Linac and Simulators
- Low field niche scanners
- $7T$ and higher field scanners
- Implants galore!

We’ve lots of work to do together!

REFERENCES

- ISMRM/SMRT webpage