Who Are The Radiologic Technology Professionals of Oklahoma
Who Are The Radiologic Technology Professionals of Oklahoma

- We Are:
  - Radiographers
  - CT Technologists
  - Interventional Radiology & Cardiac Cath Lab Technologists
  - MRI Technologists
  - Mammographers
  - Nuclear Medicine Technologists
  - Radiation Therapists & Dosimetrists
  - Surgical Technologists
Who Are The Radiologic Technology Professionals of Oklahoma

- Graduates of an Accredited Program
  - JRCERT (Joint Review Commission Education Radiologic Technology)
  - JRCNMT (Joint Review Commission Nuclear Medicine Technology)
- Registered and in Good Standing with:
  - American Registry of Radiologic Technologists (ARRT) RT. (R)(N)(T)
  - Nuclear Medicine Technology Certification Board (NMTCB)
- Accountable to the Professions Standards Of Practice by the American Society of Radiologic Technologists (ASRT)
- Commit and Live by the Code of Ethics of the American Registry of Radiologic Technologists (ARRT)
Who Are The Radiologic Technology Professionals in Oklahoma

- Imaging Curriculum
  - Ethic & Law in the Radiologic Sciences
  - Pharmacology and Venipuncture
  - Radiation Physics, Radiobiology, & Radiation Protection
  - Principles of Exposure and Image Production
  - Digital Image Acquisition and Display
  - Image Analysis
  - Clinical Practice: 1500 hours
- Patient Care
- Diversity Education
Who Are The Radiologic Technology Professionals in Oklahoma

- Imaging Curriculum
  - Radiographic Procedures, Nuclear Medicine Procedures, & Radiation Therapy Procedures.
  - Pathology
Who Are The Radiologic Technology Professionals in Oklahoma

- OUR MOST IMPORTANT ROLE....

- WE ARE PATIENT ADVOCATES
  - We interpret physician orders to obtain the right images, on the right patient.
  - We communicate with physicians and providers to communicate patient history and information to aid in the diagnosis of the patient.
  - We communicate and make sure we have accurate and correct orders from physicians and providers.
  - WE Practice ALARA (As Low As Reasonably Achievable) Each time, Every time we expose a patient to Ionizing Radiation
The Legislation for Licensure in Oklahoma is a Patient Safety Issue

Each Day in Oklahoma, hundreds of patients are exposed to ionizing radiation by someone with no education, certification, or background in the Radiologic Sciences

Primarily in Rural Clinics and Hospitals and Physician & Provider Clinics within the Metropolitan areas of Oklahoma City and Tulsa.

The Accuracy of the Diagnosis is compromised because of the lack of quality and standards within these settings.
IMAGE EXAMPLES
Incorrect Exposure and Positioning

[Image of a chest X-ray showing incorrect exposure and positioning]
IMAGE EXAMPLES
Correct Positioning and Technique
IMAGE EXAMPLES
If this is the expectation
IMAGE EXAMPLES

Why is this Acceptable in OKLAHOMA
WHAT LICENSURE OFFERS

- Establishment of Who can Administer Ionizing Radiation in the Diagnostic or Therapeutic Environments.
- Creation of a Database of Practicing Radiologic Technologists in Oklahoma
- Establishment of Education and Licensing Requirements
- Establishment of Continuing Education Requirements
- Enforcement of the Standards of Practice
- Revocation of Privileges (License) - Breach of Ethical Behavior
  - Currently individuals who have had certifications revoked for violation of the Code of Conduct can practice in Oklahoma without reporting it to anyone...
WHAT LICENSURE OFFERS

- Reduction of Imaging Errors
  - Institute of Medicine Report – to Err is Human, Recommendation 7.2
  - Health Professional Licensing Bodies should:
    - Implement periodic reexaminations and relicensing of doctors, nurses, technologists, and other key providers. Based on competence and safety practices.
    - Working with certifying and Credentialing bodies to develop more effective methods to identify unsafe providers.
    - ARRT began this process in 2011
WHAT LICENSURE OFFERS

- Lowers Health Care Costs
  - A repeat exposure to radiation represents 100% increase in radiation dose with no clinical benefit.
  - Exposure errors account for 50% of the repeats and 30% for positioning errors.
  - The United States approximately 100 billion dollars per year on imaging.
  - If we use a conservative repeat rate of 5%, that means more than 5 billion is wasted every year on unnecessary x-ray procedures.
WHAT LICENSURE OFFERS

- MOST IMPORTANT IS ACCOUNTABILITY!
  - Ensure that individuals delivering ionizing radiation within their practice are doing so to produce high quality images or therapeutic treatment using the least amount of radiation while treating the patient with dignity, courtesy, and respect.

  EACH TIME, EVERYTIME!!!
The ACR Digest of Council Actions Position Statement on Radiologic Technologist Licensure – found on page 74.

The American College of Radiology Supports Licensure, Certification, or Other appropriate methods designed to assure the qualifications of all persons operating equipment emitting ionizing radiation. Adopted 1986, 1996, 2006, 2016 (Res. 12-d)
QUESTIONS
THANK YOU