

The Rotating Anode

WINTER 2021



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Interested in contributing to
the *Anode*?

Contact: Jen Smith

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(Please put *Anode* in the subject
line)

Official Publication of the
Kansas Society of Radiologic
Technologists

Denise Orth, Executive Secretary
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BOARD OF DIRECTORS MEETING MINUTES

11:30 a.m. Oct. 10
Via Zoom

Note: The Executive Committee did not meet in October.

Call to order: Harmony Ibarra called the meeting to order at 11:36 a.m.

Quorum: Jen Smith established a quorum.

Voting members present: Harmony Ibarra, president; Toni Caldwell, chair of the board and legislative chair; Ronda Sunnenberg, immediate past president; Katilyn Slaton, president-elect and professional development chair; Jen Smith, secretary-treasurer and editor of *The Rotating Anode*; Alexa Ritter, director at large; Megan Rucker, education chair; Denise Orth, ASRT senior delegate and executive secretary; Kelly Denton, western area representative; Lauren Whittington, student representative.

Non-voting members present: Kyle Ibarra, nominations co-chair; Judy Lynch.

Approval of minutes: Denise moved to accept the minutes from previous meetings, Megan seconded, motion passed.

Old business:

Affiliate Development Program: Harmony sent in the application and is waiting to hear back from the ASRT. The society received \$5,000 from the financial assistance program, likely to be used for the website.

Convention: Megan will reach out to potential speakers again starting in December. The convention center contract and hotel room block is finalized. The board also discussed testing a free virtual CE offering in the winter.

New business:

Expiring CD: One of the society's certificates of deposit expires Nov. 15. Interest rates are very low right now, and Denise recommended the society take no action on the CD. Upon the expiration date, the CD would just roll into a new one keeping the current interest rate (2 percent vs. 0.8 percent to open a new CD). Toni moved to let the money in the CD roll into a new one, Katilyn seconded, motion passed.

Affiliate delegates to ASRT: Denise Orth and Harmony Ibarra will be the affiliate delegates to the 2021 ASRT Annual Governance and House of Delegates meeting. Katilyn Slaton, Jen Smith, Toni Caldwell, Kyle Ibarra, and Alexa Ritter will be submitted to be alternate delegates.

Website proposal: Megan is seeking proposals from a website development company to update/redesign and possibly maintain the society's website and is still waiting for the final proposals.

Legislative: Toni discussed how there might be a legislative push for radiologists assistants and adding a limited x-ray option in the state license as well as a student option. ARRT might help subsidize a lot of the cost of this legislative push. ASRT is also involved with advocacy support.

Announcements:

The next board meeting will be Jan. 9. Executive committee will meet at 10 a.m. with full board to follow.

Deadline for next issue of *The Rotating Anode* was Nov. 2.

Adjournment:

Jen moved to adjourn the meeting, Denise seconded. Meeting adjourned at 12:40 p.m.

FREE CEU AT THE 2021 ANNUAL CONVENTION

With the coronavirus pandemic ongoing, the KSRT Board of Directors decided to move the 2021 annual convention to an online-only format this year. At the time of the January meeting of the board, Douglas County was still limiting group gatherings to 10 or fewer people, which was a primary reason for the change.

- **Friday, March 26:** The annual business meeting of the society begins at 7 p.m., followed by 1 **FREE** CEU at 8 p.m.
- **Saturday, March 27:** The CEUs will run from 8 a.m. to 4:30 p.m. with a half hour break for lunch. Highlights from our vendors and sponsors will be shown throughout the day.

All meetings and CEU talks will be presented via Zoom. Cost for the business meeting and Friday CEU is free but will be \$50 for the Saturday sessions. CEU topics include mammography, ultrasound, leadership, legislation and licensure, pediatric imaging, and tumors and radiation therapy.

For more information, contact Megan Rucker, education chair, at meganrucker86@gmail.com or Denise Orth, executive secretary, at ksrt.exsec@gmail.com.

2021-22 PROPOSED BUDGET FOR THE KSRT

This will be an item to vote upon during the annual business meeting on March 26.

KSRT BUDGET	ACTUAL	ACTUAL	ACTUAL	ACTUAL	APPROVED	PROPOSED
INCOME	2017-2018	2018-2019	2019-2020	2020-2021	2020-2021	2021-2022
ASRT Affiliate Dev. Program	\$0.00	\$0.00	\$2,000.00	\$5,000.00	\$0.00	\$2,000.00
BAD/OUTSTAND CHECK	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CD#301105682 Redeemed		\$12,121.60	\$0.00	\$0.00	\$0.00	\$0.00
CONVENTION 2017	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CONVENTION 2018	\$8,760.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CONVENTION 2019	\$0.00	\$9,840.00	\$0.00	\$0.00	\$0.00	\$0.00
CONVENTION 2020		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CONVENTION 2021		\$0.00	\$750.00	\$0.00	\$4,000.00	\$1,500.00
DUES: ACTIVE	\$3,700.00	\$3,300.00	\$2,200.00	\$1,850.00	\$1,000.00	\$2,000.00
DUES: ASSOCIATE	\$900.00	\$750.00	\$350.00	\$250.00	\$200.00	\$300.00
DUES: SENIOR	\$125.00	\$125.00	\$50.00	\$75.00	\$2,100.00	\$75.00
DUES: STUDENT 1yr	\$2,250.00	\$3,275.00	\$2,200.00	\$1,475.00	\$2,000.00	\$2,000.00
DUES: STUDENT 2yr	\$1,600.00	\$1,700.00	\$1,500.00	\$1,300.00	\$400.00	\$1,500.00
INTEREST / Checking & CD	\$1,129.77	\$946.75	\$534.37	\$234.25	\$0.00	\$0.00
INSURANCE Reimbursement		\$376.00	\$0.00	\$0.00	\$0.00	\$0.00
JOB TARGET	\$52.50	\$212.50	\$541.00	\$0.00	\$0.00	\$0.00
Miscellaneous (cup sales)	\$0.00	\$98.00	\$0.00	\$0.00	\$0.00	\$0.00
Prof. Dev.(STUDENT CONFERENCE)	\$410.00	\$130.00	\$0.00	\$0.00	\$0.00	\$0.00
RRA Groups	\$0.00	\$0.00	\$567.20	\$0.00	\$0.00	\$0.00
R. ANODE ADVERTISEMENT	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
SCHOLARSHIP AUCT & CONTRIB	\$1,729.60	\$1,999.00	\$346.85	\$0.00	\$0.00	\$0.00
SYMPOSIUM/JOINT MEETING	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL INCOME	\$20,656.87	\$34,873.85	\$11,039.42	\$10,184.25	\$9,700.00	\$9,375.00

KSRT BUDGET	ACTUAL	ACTUAL	ACTUAL	ACTUAL	APPROVED	PROPOSED
DISBURSEMENTS	2017-2018	2018-2019	2019-2020	2020-2021	2020-2021	2021-2022
ANNUAL REPORT	\$60.00	\$90.00	\$50.00	\$52.50	\$50.00	\$52.50
ASRT DELEGATE	\$0.00	\$0.00	\$0.00	\$0.00	\$200.00	\$200.00
ASRT SR. DELEGATE	\$0.00	\$0.00	\$0.00	\$0.00	\$200.00	\$200.00
ASRT ALT. DELEGATE	\$0.00	\$1,334.52	\$1,200.00	\$0.00	\$1,200.00	\$1,200.00
BANK CHARGES/PAYPAL FEES (MEMB	\$304.39	\$234.38	\$68.27	\$0.00	\$0.00	\$200.00
BOARD TRAVEL	\$1,628.89	\$2,020.00	\$799.89	\$0.00	\$2,000.00	\$2,000.00
CD#301105682 (Withdrawal fees)		\$272.22	\$0.00	\$0.00	\$0.00	\$0.00
CONVENTION 2017	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CONVENTION 2018	\$8,173.33	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CONVENTION 2019	\$0.00	\$7,835.38	\$0.00	\$0.00	\$0.00	\$0.00
CONVENTION 2020		\$0.00	\$0.00	\$800.00	\$0.00	\$0.00
CONVENTION 2021		\$0.00	\$0.00	\$0.00	\$0.00	\$2,500.00
EXECUTIVE SEC. SALARY	\$2,000.00	\$3,000.00	\$2,250.00	\$2,250.00	\$3,000.00	\$3,000.00
EXECUTIVE SEC. SUPPLIES	\$688.29	\$282.18	\$488.75	\$202.36	\$1,500.00	\$1,500.00
HISTORIAN	\$0.00	\$0.00	\$0.00	\$25.00	\$25.00	\$25.00
INSURANCE	\$819.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
KSRT Lapel Pins	\$0.00	\$574.80	\$0.00	\$0.00	\$650.00	\$0.00
KSRT PRESIDENT	\$14.68	\$0.00	\$86.96	\$0.00	\$100.00	\$100.00
ksrad.org	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00
LEGISLATIVE COMMITTEE	\$7,559.21	\$7,440.16	\$4,640.49	\$4,474.48	\$9,200.00	\$9,200.00
MEDIA/WEBPAGE	\$178.95	\$609.45	\$76.95	\$580.95	\$1,450.00	\$4,000.00
MEMBERSHIP COMMITTEE	\$0.00	\$0.00	\$0.00	\$0.00	\$50.00	\$50.00
MEMORIAL/FLOWERS	\$50.00	\$100.00	\$0.00	\$0.00	\$50.00	\$50.00
NOMINATIONS COMMITTEE	\$0.00	\$0.00	\$0.00	\$0.00	\$10.00	\$10.00
PROFESSIONAL DEVELOPMENT	\$1,303.22	\$1,130.24	\$0.00	\$0.00	\$2,000.00	\$1,500.00
REFUNDS	\$0.00	\$20.00	\$0.00	\$0.00	\$0.00	\$0.00
ROTATING ANODE	\$1,145.85	\$970.00	\$904.72	\$656.20	\$1,250.00	\$1,250.00
SCHOLARSHIPS	\$1,500.00	\$1,000.00	\$0.00	\$1,000.00	\$1,500.00	\$1,500.00
SECRETARY-TREASURER	\$0.00	\$0.00	\$0.00	\$0.00	\$25.00	\$25.00
STORAGE/EQUIPMENT	\$0.00	\$0.00	\$0.00	\$0.00	\$1,300.00	\$1,300.00
STUDENT CONFERENCE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
STUDENT REPRESENTATIVE	\$0.00	\$0.00	\$0.00	\$0.00	\$50.00	\$50.00
SLDP				\$0.00	\$70.00	\$70.00
SYMPOSIUM/JOINT MEETING					\$35.00	\$0.00
TAX RETURN PREP/AUDIT	\$0.00	\$0.00	\$0.00	\$250.00	\$250.00	\$250.00
TOTAL DISBURSEMENTS	\$25,425.81	\$26,913.33	\$10,566.03	\$10,291.49	\$26,165.00	\$30,232.50
DEFICIT OR SURPLUS	-\$4,768.94	\$7,960.52	\$473.39	-\$107.24	-\$16,465.00	-\$20,857.50

UGI FLUORO VS UGI ENDO FOR ULCERS AND TUMORS

By Kim Schweda, Washburn University
Third-place essay

Abstract

Upper GI fluoroscopy is a less-invasive procedure that uses contrast and x-rays to produce still and live images. Upper GI endoscopy is a more invasive procedure that requires anesthesia and a camera on a tube that goes down the throat. Both procedures are used to diagnose ulcers and cancer in

the upper GI tract. The preparations and procedures are different but take about the same amount of time to do depending on the situation. They both have benefits and risks that needs to be weighed to determine which procedure is best for the situation and diagnosis.

We're sitting in a cold room filled with magazines, toys, medical posters, cleaning supplies, and other medical supplies. My son is on the floor playing with toys and all the associated germs. I'm thinking about how to describe my symptoms. The doctor finally comes in

Continued on Page 6

to see me. He does his routine exam first. I then start explaining the symptoms I've been having in my stomach area. I told him it was up high where my stomach is and not my intestines. He had me lay down on the bed as he pressed in different areas of my abdomen. Up high, right under my ribs in the middle, was the most sensitive. He told me it could be a few different things – ulcer, gallbladder, or pancreas issues. He wanted to start out with a PPI medication, Dexilant, which reduces the production of acid in the stomach. If that didn't work, he suggested an upper gastrointestinal (UGI) endoscopy or esophagogastroduodenoscopy. Of course, I went home and researched everything he talked about. I'm also in school for radiologic technology, so I've seen several UGI series with fluoroscopy. I didn't understand why this doctor went straight to the most expensive and more invasive exam. I wanted to learn the differences between an upper GI using fluoroscopy and an upper GI endoscopy for diagnosing ulcers or tumors. I learned about the preparation of each exam, the procedures, the anatomy included, and the benefits and the risks of each. I will be sharing my findings starting with what each exam entails.

The upper GI fluoroscopy uses x-ray energy. It is a combination of live x-ray, which is the fluoroscopy, and still x-ray images. It also includes the use of ingested contrast agents, barium and gas crystals or powder. There are two types of GI fluoroscopy, single-contrast and double contrast. Single-contrast evaluation only uses barium. Double-contrast evaluation uses gas crystals which distend the lumen along with barium which coats the mucosal surface. With double contrast, there is a better view of the stomach and upper part of the small intestine and an increase in detecting polyps and early cancer. The radiologist and technologist are in the room with the patient during this procedure. The upper GI endoscopy is different. An endoscope, a camera attached to a flexible tube,

is guided through the mouth, down through the esophagus, and into the stomach. The gastroenterologist, a surgeon, performs this procedure, with other trained health care professionals assisting them (NIH). Both procedures examine the upper GI tract, just in different ways. The UGI fluoroscopy shows the esophagus, stomach, and part of the small intestine (RadiologyInfo.org). The UGI endoscopy also views the esophagus, stomach and upper part of small intestine, the duodenum, along with the lining of each. The endoscopy is a more invasive approach. Both exams look for similar diagnoses for the upper GI tract such as ulcers and tumors.

The preparations for both exams are similar. The doctor should give preparation instructions. Because the doctor is the one ordering the procedure, make sure a complete medical history and symptoms are provided, including medications and allergies. Allergies are important to know in both procedures because of the contrast and anesthesia being used. Medications might need to be adjusted or stopped for a short time before the procedure, especially with the endoscopy (NIH). Women should notify the doctor about possible pregnancy, especially if the fluoroscopy exam is being performed. Give all history to the doctor so they can proceed with the most effective and appropriate exam. Both preparations require nothing be taken by mouth for several hours before, usually after midnight on the day of the exam. For the UGI fluoroscopy, once at the appointment, a gown may be given to change into to make sure there is no metal that could show up during the exam. Clothing, jewelry, dental appliances, and eyeglasses may be removed (RadiologyInfo.org). The radiologist wants clear images free of artifacts to make the correct diagnosis. The UGI endoscopy includes all the above, along with needing a ride home. Patients are not allowed to drive for 24 hours after the procedure because of the sedatives (NIH). The patient will lie down on a table and be attached to monitors so the health care team can observe breathing,

blood pressure and heart rate. A sedative will be given through an IV, along with an anesthetic sprayed in the mouth to numb the throat for the insertion of the endoscope (Mayo Clinic). A plastic mouth guard will be inserted to hold the mouth open (Mayo Clinic). After the above listed preparations have been completed, the procedure is performed.

During the UGI fluoroscopy, a scout x-ray image of the upper abdomen is taken to make sure the stomach is empty. The patient then stands in front of an erect table (ASRT) and the fluoroscopy screen is placed in front (Gale Encyclopedia). If it is a double-contrast exam, gas crystals are ingested with water. Then the liquid barium, a white or pink chalky substance, is ingested as the radiologist watches with the fluoroscopy, or live video. The radiologist may angle the table differently and compress the abdomen. The patient may be asked to change positions, such as turning 45 degrees or rolling prone. This helps spread the barium and coat the upper GI tract. Once this is done, still x-ray images are taken (ASRT). This procedure takes about 20 to 30 minutes. Once all images are taken, the patient will get dressed and be given instructions to drink lots of fluids to help flush out the barium. At my clinical site, we explain that what goes in white comes out white, so bowel movements will look different for a couple days from the barium. The images will be reviewed, and a report will be sent to the ordering physician, who will go over the results with the patient (ASRT).

With the upper endoscopy, once the patient is lying down, usually on the left side, the doctor gently inserts the endoscope into the mouth, down the esophagus, and into the stomach. Air is blown through the endoscope to make the lining of the digestive tract more visible (Tests for Examining the Upper Digestive Tract). The doctor looks at a monitor which displays the images from the endoscope camera. If there are any abnormalities, the doctor can take a biopsy sample or other instruments can be used to stop bleeding from ulcers and remove potentially

cancerous growths (Tests for Examining the Upper Digestive Tract). During the procedure, the patient is monitored and administered pain medications and sedatives. Once complete, the endoscope is gently removed. The patient is monitored for 1 to 2 hours in a recovery room before going home. Some results are available right away, and the doctor will discuss them during the recovery time. Gas and bloating, a sore throat for a couple days, and cramping are common after the exam. Rest is needed the remainder of the day, and a normal diet can be resumed when the patient can swallow normally (NIH). This procedure takes about 15 to 30 minutes depending on the situation (Mayo Clinic).

Each procedure has some advantages and disadvantages. According to RadiologyInfo.org, the benefits of UGI fluoroscopy are:

- It is an extremely safe, noninvasive procedure.
- The results usually lead to accurate evaluation of the esophagus, stomach, and duodenum.
- Barium is not absorbed into the blood, and allergic reactions are extremely rare.
- No radiation remains in a patient's body after an x-ray exam.
- X-rays usually have no side effects in the typical diagnostic range for this exam.

Other advantages for UGI fluoroscopy include no need for anesthesia, less expense, and less preparation (Radiographic and Endoscopic Evaluation of the Upper GI Tract). For endoscopy, if an abnormality is seen, a biopsy easily can be performed right then (Radiographic and Endoscopic Evaluation of the Upper GI Tract). It is also a safe and effective test for peptic ulcer disease (Radiographic and Endoscopic Evaluation of the Upper GI Tract).

With every procedure, there are always risks. For upper GI fluoroscopy, risks include constipation, intestinal obstruction, and allergic reaction to barium or the flavoring in the barium. Constipation is the most common complication because the body doesn't absorb barium, and if

the patient does not drink enough fluid, the barium is not flushed out, leading to intestinal obstruction. That is why it is very important to drink lots of fluids for a couple days after the exam. Then there is the radiation risk. Because fluoroscopy uses x-rays, there is exposure to ionizing radiation. It is usually minimal and poses little risk, but the risk increases if these studies are required multiple times and in a short period of time. It also increases when a woman is pregnant because a fetus should not be exposed to radiation due to the fetus' extreme sensitivity (Gale Encyclopedia). The technologist and radiologist take special care in this exam. They use the lowest radiation dose possible while still creating the best images possible. Technology continues to improve over time. X-ray systems have more controlled x-ray beams and dose methods, limiting scatter radiation, which in turn limits exposure to other body parts not being examined (RadiologyInfo.org). Patients also are shielded, which blocks scatter radiation from reaching other areas of the body. Some risks associated with an esophagogastroduodenoscopy include bleeding, perforation of the GI tract lining, and a reaction to the sedation medication such as breathing or heart problems. Most bleeding is minor and usually stops without treatment, and reactions to the sedative can be treated with medicines and/or IV fluids. Perforations are usually uncommon and may need surgery to treat (NIB). More serious complications include excessive bleeding, aspiration of stomach contents or saliva, and puncture of the intestinal wall. These complications are rare. The endoscopy is also more expensive than the fluoroscopy exam.

UGI fluoroscopy and endoscopy are similar in diagnosing upper GI disorders associated with ulcers and cancers. In some literature, fluoroscopy is better at diagnosing ulcers. However, endoscopy is a better exam because biopsies can be performed during the procedure, whereas if an abnormality is seen under fluoroscopy, another test such as endoscopy will

need to be performed. Although both exams are similar, endoscopy has more preparation and procedure steps as well as more serious risks. The patient and the ordering doctor need to have an in-depth discussion about medical history, benefits versus risks of each option, and what is trying to be diagnosed to decide which procedure is best for the situation.

Works cited

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KANSAS SOCIETY OF RADIOLOGIC TECHNOLOGISTS

Scholarship Application Checklist

- Kansas Society of Radiologic Technologists member
 - Scholarship application
 - Essay.
- Students: Official transcript in a sealed envelope and letter of recommendation from clinical instructor or other supervising technologist.
- Technologist: Copy of ARRT card and letter of recommendation from a radiology technology colleague.
- All materials should be in one envelope and postmarked by Feb. 1.

Mail to:

Denise Orth, RT(R)(M), FKSRT
KSRT Executive Secretary
1702 Mermis Ct.
Hays, KS 67601

- Winners will be notified and must attend the Kansas Society of Radiologic Technologists Spring Convention to receive the scholarship.



KANSAS SOCIETY OF RADIOLOGIC TECHNOLOGISTS
Scholarship Application
Deadline is Feb. 1

I. Applicant Certification

I certify that I am a U.S. citizen, U.S. national or U.S. permanent resident, that this application information provided is true and correct to the best of my knowledge. I understand that any false statements made herein will void this application, and I will be ineligible for support from the KSRT Scholarship Fund. I hereby authorize the release of all information contained in this application packet as may be required to determine my eligibility for a scholarship. I hereby waive my rights to review any documents pertaining to my scholarship application once submitted.

Signature of Applicant

Date

II. KSRT Member

I am a member. Years of membership _____

I am sending in my membership now.

III. Personal Information

Mr. Ms. Name _____
Last First MI

Mailing Address _____
Number/Street (Apt#) City State Zip

E-mail _____

Phone (_____) _____

ARRT Certifications _____ ARRT #: _____

IV. Educational Information

Radiologic Science Program _____
Name of Institution City/State

Program Director _____

Email Address _____ Phone (_____) _____

Anticipated Graduation date _____ / _____ GPA _____
Month Year

Program Type

- Certificate Program
- Associate degree program
- Bachelor's program

Area/Concentration

- Medical Imaging
- Nuclear Medicine
- Vascular
- Radiation Therapy
- Sonography
- Other _____

V. Letter of recommendation

Name: _____

Position: _____

Email address: _____

VI. Essay

Please provide a one-page typed essay describing why you deserve this scholarship. For objectivity purposes, do not include any statements that would identify your school/instructors or yourself. The essay shall be 12 point font Arial with single spacing and 1-inch margins.

Applications will not be considered if not complete. Please submit application and transcript to:
Denise Orth, KSRT Executive Secretary
1702 Mermis Ct., Hays, KS 67601

APPLICATION FOR MEMBERSHIP

THE KANSAS SOCIETY OF RADIOLOGIC TECHNOLOGISTS

By submitting this form, you are agreeing to abide by the Bylaws of the Kansas Society of Radiologic Technologists. You are also acknowledging the information submitted is correct and accurate. Dues must accompany this application.

FULL NAME _____
First Middle Initial Last Credentials

Street City State Zip

DOB _____ Email _____
Month Day Year

Phone Number () _____ Date of application _____

Check membership category.

ACTIVE MEMBER: DUES \$50.00/Year
Certified by ARRT and Member of ASRT and practicing in the field of radiologic technology.
MUST SUBMIT COPIES OF ARRT AND ASRT CARDS

ASSOCIATE A MEMBER: DUES \$50.00/Year
Certified by ARRT and practicing in the field of radiologic technology.
COPY OF ARRT CARD MUST BE SUBMITTED.

ASSOCIATE B MEMBER: DUES \$50.00/Year
Persons practicing in the field of radiologic technology not certified by the American Registry of Radiologic Technologists and are not registry eligible; or, those persons interested in promoting the purposes and functions of the KSRT, but are not eligible for Active, Associate A, Life, Senior or Student membership.

SENIOR MEMBER: DUES \$25.00/Year
Certified by ARRT and 65 years old or more.
SEND COPIES OF ARRT CARD AND BIRTH CERTIFICATE OR DRIVER'S LICENSE.

STUDENT MEMBER: (STATUS APPLIES TO PRIMARY PROGRAM OF STUDY) DUES \$25.00/Year
Enrolled in an approved school of radiography for a MINIMUM of 24 months.

PRESENT EMPLOYMENT or SCHOOL: _____

STUDENTS ONLY: Date of Enrollment _____ Anticipated Date of Graduation _____

Continuous Renewal _____ New applicant _____ (PLEASE CHECK ONE)

Graduate Bridge Program: Certificate must be returned with membership renewal application and dues stated on certificate. Valid for primary program of study.

The KSRT values our volunteers! Which of the following would you be interested in volunteering for?

Circle all that apply: Committee Officer Speaker

"The Rotating Anode" is available electronically for all new members.

I would like to contribute to the Scholarship Fund for the amount of \$ _____ in addition to my dues. This DOES NOT qualify as a charitable deduction OR professional expense for tax purposes.

PLEASE RETURN TO:

Denise K. Orth Executive Secretary, KSRT 1702 Mermis Court Hays, KS 67601 KSRT.exsec@gmail.com
Pay with PayPal or make checks/money orders payable to the KSRT. No partial dues accepted.
\$25.00 CHARGE FOR ALL CHECKS RETURNED FOR INSUFFICIENT FUNDS!



KANSAS SOCIETY OF RADIOLOGIC TECHNOLOGISTS

Who is KSRT?

Professional society for radiologic technologists and medical imaging professionals in Kansas

Why Join?

- Support advocacy efforts
- Get involved
- Advance your career
- Network with local professionals
- Earn CEUs

Our Mission:

Serve to advocate for imaging professionals in health policy, education, and advancing modalities

Become a member today!

Do you have an ASRT Membership?

Become an Active KSRT Member: \$50

Not an ASRT Member?

Become an Associate KSRT Member \$50

Are you a student?

Student Memberships \$25

Apply online:

ksrad.org/join-us.html

Mark your Calendar!!

Virtual Online Convention

March 27th, 2021

A proud affiliate of the
asrt
American Society of
Radiologic Technologists

Follow KSRT on



ADDRESS SERVICE REQUESTED

KANSAS SOCIETY OF
RADIOLOGIC TECHNOLOGISTS
1702 MERMIS CT.
HAYS, KS 67601



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