

# Occupational Authorizations

for the meeting of the

ALC-OCCUPATIONAL LICENSING REVIEW SUBCOMMITTEE

Wednesday, December 18, 2019 at 2:30 PM

## Department of Health

### CARDIOVASCULAR INVASIVE SPECIALIST (LSL)/LIMITED SPECIALTY LICENSE

Authorization Type: Licensure # of Individuals Regulated:

Entity Division Name: Radiation Control Section

Scope of Practice: Cardiovascular Invasive Specialist Scope of Practice

- a. Providing optimal patient care.
- b. Receiving, relaying and documenting verbal, written and electronic orders in the patient's medical record.
- c. Corroborating a patient's clinical history with procedure and ensuring information is documented and available for use by a licensed practitioner.
- d. Verifying informed consent for applicable procedures.
- e. Assuming responsibility for patient needs during procedures.
- f. Preparing patients for procedures.
- g. Applying principles to minimize radiation exposure to patient, self and others.
- h. Performing venipuncture as prescribed by a licensed practitioner.
- i. Starting, maintaining and/or removing intravenous access as prescribed by a licensed practitioner.
- j. Identifying, preparing and/or administering medications as prescribed by a licensed practitioner.
- k. Evaluating images for technical quality and ensuring proper identification is recorded.
- l. Identifying and responding to emergency situations.
- m. Providing patient education.
- n. Educating and monitoring students and other health care providers.
- o. Performing ongoing quality assurance activities.
- p. Applying the principles of patient safety during all aspects of patient care.
- q. Performing cardiovascular diagnostic/interventional procedures as prescribed by a licensed practitioner.
- r. Determining radiographic technique exposure factors.
- s. Effectively moving the table during exposure.
- t. Assisting licensed practitioner with fluoroscopic and specialized interventional radiography procedures.
- u. Performing noninterpretive fluoroscopic procedures as prescribed by a licensed practitioner.
- v. Maintaining intra-arterial access as prescribed by a licensed practitioner. Participating in physiologic monitoring of patients.
- w. Performing manual and mechanical hemostasis, including the use of vascular closure devices, as prescribed by a licensed practitioner.
- x. Placing, maintaining and removing peripherally inserted central catheters as prescribed by a licensed practitioner.
- y. Post processing digital data for display or hard copy records, ensuring proper identification is evident.

Statutory Requirement(s): A Cardiovascular Invasive Specialist with an Arkansas Limited Specialty License is an individual who while under the supervision of a License Practitioner, operates medical equipment emitting ionizing radiation for diagnostic purposes that are limited to specific Invasive Cardiovascular Imaging Procedures on human beings.

See: A.C.A. § 17-106-106:

a) Other than a licensed practitioner, radiologic technologist, licensed technologist, or limited licensed technologist, no person shall use radioactive materials or medical equipment emitting or detecting

**CARDIOVASCULAR INVASIVE SPECIALIST (LSL)/LIMITED SPECIALTY LICENSE (Continued)**

ionizing radiation on human beings for diagnostic or therapeutic purposes.

and

(f) A person shall not apply ionizing radiation or administer radiopharmaceuticals to a human being or otherwise engage in the practice of radiologic technology unless the person possesses a valid license issued under this chapter.

Pursuant to Arkansas Code § 17-1-106, do you provide automatic licensure to an active military service member, returning military veteran applying for licensure within one year of his or her discharge from active duty, or the spouse of an active military service member or returning military veteran who is within one year of discharge from active duty?

Yes

**Fees & Penalties**

Fee Type	Fee Description	Amount (\$)	Frequency
Fee	RTLRC Limited Specialty License	\$45.00	Annually
Penalty	RTLRC Limited Specialty Late Fee	\$22.50	Once
Fee	RTL1A License Additional	\$20.00	Annually
Penalty	RTL1A License Additional Late Fee	\$10.00	Once

**Administrative Rules Documents**

Document Type	Document
Rules	<a href="#">RADIOLOGIC_TECHNOLOGY_LICENSURE.pdf</a>

**Supporting Evidence Documents**

*No Supporting Evidence Documents Provided*

**LICENSED TECHNOLOGIST LICENSE (LTL)**

Authorization Type:	Licensure	# of Individuals Regulated:	400
Entity Division Name:	Radiation Control Section		
Scope of Practice:	Licensed Technologist License Scope of Practice a. Providing optimal patient care. b. Receiving, relaying and documenting verbal, written and electronic orders in the patient's medical record. c. Corroborating a patient's clinical history with procedure and ensuring information is documented and available for use by a licensed practitioner. d. Verifying informed consent for applicable procedures. e. Assuming responsibility for patient needs during procedures. f. Preparing patients for procedures. g. Applying principles to minimize radiation exposure to patient, self and others. h. Performing venipuncture as prescribed by a licensed practitioner. i. Starting, maintaining and/or removing intravenous access as prescribed by a licensed practitioner. j. Identifying, preparing and/or administering medications as prescribed by a licensed practitioner. k. Evaluating images for technical quality and ensuring proper identification is recorded. l. Identifying and responding to emergency situations. m. Providing patient education. n. Educating and monitoring students and other health care providers. o. Performing ongoing quality assurance activities. p. Applying the principles of patient safety during all aspects of patient care. q. Performing cardiovascular diagnostic/interventional procedures as prescribed by a licensed practitioner. r. Determining radiographic technique exposure factors.		

**LICENSED TECHNOLOGIST LICENSE (LTL) (Continued)**

- s. Effectively moving the table during exposure.
- t. Assisting licensed practitioner with fluoroscopic and specialized interventional radiography procedures.
- u. Performing noninterpretive fluoroscopic procedures as prescribed by a licensed practitioner.
- v. Maintaining intra-arterial access as prescribed by a licensed practitioner. Participating in physiologic monitoring of patients.
- w. Performing manual and mechanical hemostasis, including the use of vascular closure devices, as prescribed by a licensed practitioner.
- x. Placing, maintaining and removing peripherally inserted central catheters as prescribed by a licensed practitioner.
- y. Post processing digital data for display or hard copy records, ensuring proper identification is evident.

Statutory Requirement(s): A Licensed Technologist with an Arkansas Licensed Technologist License is an individual who while under the supervision of a License Practitioner, operates medical equipment emitting ionizing radiation for diagnostic purposes that are limited to Imaging Procedures on human beings.

See: A.C.A. § 17-106-106:

a) Other than a licensed practitioner, radiologic technologist, licensed technologist, or limited licensed technologist, no person shall use radioactive materials or medical equipment emitting or detecting ionizing radiation on human beings for diagnostic or therapeutic purposes.

and

(f) A person shall not apply ionizing radiation or administer radiopharmaceuticals to a human being or otherwise engage in the practice of radiologic technology unless the person possesses a valid license issued under this chapter.

Pursuant to Arkansas Code § 17-1-106, do you provide automatic licensure to an active military service member, returning military veteran applying for licensure within one year of his or her discharge from active duty, or the spouse of an active military service member or returning military veteran who is within one year of discharge from active duty?

Yes

**Fees & Penalties**

Fee Type	Fee Description	Amount (\$)	Frequency
Fee	RTL04 Limited Specialty License	\$45.00	Annually
Penalty	RTL04 Late Fee	\$22.50	Once
Fee	RTL1A License Additional	\$20.00	Annually
Penalty	RTL1A License Additional Late Fee	\$10.00	Once

**Administrative Rules Documents**

Document Type	Document
Rules	<a href="#">RADIOLOGIC_TECHNOLOGY_LICENSURE.pdf</a>

**Supporting Evidence Documents**

*No Supporting Evidence Documents Provided*

**LIMITED LICENSED TECHNOLOGIST (LLT)/LIMITED LICENSED X-RAY TECHNOLOGIST**

Authorization Type: Licensure # of Individuals Regulated:

Entity Division Name: Radiation Control Section

**LIMITED LICENSED TECHNOLOGIST (LLT)/LIMITED LICENSED X-RAY TECHNOLOGIST (Continued)**

- Scope of Practice: Limited License Technologist Scope of Practice
- a. Providing optimal patient care.
  - b. Receiving, relaying and documenting verbal, written and electronic orders in the patient’s medical record.
  - c. Corroborating a patient's clinical history with procedure and ensuring information is documented and available for use by a licensed practitioner.
  - d. Verifying informed consent for applicable procedures.
  - e. Assuming responsibility for patient needs during procedures.
  - f. Preparing patients for procedures.
  - g. Applying principles to minimize exposure to patient, self and others.
  - h. Evaluating images for technical quality and ensuring proper identification is recorded.
  - i. Identifying and responding to emergency situations.
  - j. Performing ongoing quality assurance activities.
  - k. Applying the principles of patient safety during all aspects of patient care.
  - l. Determining radiographic technique exposure factors.
  - m. Placing, maintaining and removing peripherally inserted central catheters as prescribed by a licensed practitioner.
  - n. Post processing digital data for display or hard copy records, ensuring proper identification is evident.

Statutory Requirement(s): Limited Licensed Technologists, while under the supervision of a Licensed Practitioner, operate medical equipment emitting ionizing radiation for human diagnostic purposes for radiographic examination of the chest or skeletal areas. They are only allowed to perform radiographic exams in the categories they have passed in the Limited Scope of Practice in Radiography Examination.

See: A.C.A. § 17-106-106:

a) Other than a licensed practitioner, radiologic technologist, licensed technologist, or limited licensed technologist, no person shall use radioactive materials or medical equipment emitting or detecting ionizing radiation on human beings for diagnostic or therapeutic purposes.

and

(f) A person shall not apply ionizing radiation or administer radiopharmaceuticals to a human being or otherwise engage in the practice of radiologic technology unless the person possesses a valid license issued under this chapter.

Pursuant to Arkansas Code § 17-1-106, do you provide automatic licensure to an active military service member, returning military veteran applying for licensure within one year of his or her discharge from active duty, or the spouse of an active military service member or returning military veteran who is within one year of discharge from active duty?

Yes

<b>Fees &amp; Penalties</b>			
Fee Type	Fee Description	Amount (\$)	Frequency
Fee	RTL05 Limited Chest License	\$45.00	Annually
Penalty	RTL05 LLT Late Fee	\$22.50	Once
Fee	RTL06 Limited Extremity License	\$45.00	Annually
Fee	RTL07 Limited Spine License	\$45.00	Annually
Fee	RTL08 Limited Skull/Sinus License	\$45.00	Annually
Fee	RTL09 Limited Podiatry License	\$45.00	Annually
Fee	RTL1A License Additional	\$20.00	Annually
Penalty	RTL1A License Additional Late Fee	\$10.00	Once

<b>Administrative Rules Documents</b>	
Document Type	Document

**LIMITED LICENSED TECHNOLOGIST (LLT)/LIMITED LICENSED X-RAY TECHNOLOGIST (Continued)**

Document Type	Document
Rules	<a href="#">RADIOLOGIC TECHNOLOGY LICENSURE.pdf</a>

**Supporting Evidence Documents**

*No Supporting Evidence Documents Provided*

**NUCLEAR MEDICINE TECHNOLOGIST**

Authorization Type: Licensure # of Individuals Regulated:

Entity Division Name: Radiation Control Section

Scope of Practice: Nuclear Medicine Technologist Scope of Practice

- a. Providing optimal patient care.
- b. Receiving, relaying and documenting verbal, written and electronic orders in the patient’s medical record.
- c. Corroborating a patient's clinical history with procedure and ensuring information is documented and available for use by a licensed practitioner.
- d. Verifying informed consent for applicable procedures.
- e. Assuming responsibility for patient needs during procedures.
- f. Preparing patients for procedures.
- g. Applying principles to minimize radiation exposure to patient, self and others.
- h. Performing venipuncture as prescribed by a licensed practitioner.
- i. Starting, maintaining and/or removing intravenous access as prescribed by a licensed practitioner. Identifying, preparing and/or administering medications as prescribed by a licensed practitioner. Evaluating images for technical quality and ensuring proper identification is recorded.
- j. Identifying and responding to emergency situations.
- k. Providing education.
- l. Educating and monitoring students and other health care providers.
- m. Performing ongoing quality assurance activities.
- n. Applying the principles of patient safety during all aspects of patient care.
- o. Performing nuclear medicine procedures as prescribed by a licensed practitioner and under the supervision of an authorized user. Effective June 25, 2017 NM 6
- p. Performing hybrid imaging including PET/CT and SPECT/CT for emission, transmission, and attenuation correction, anatomical location and for use in radiation therapy treatment planning when performed within hybrid imaging as prescribed by a licensed practitioner and under the supervision of an authorized user.
- q. Identifying, preparing and/or administering ionizing radiation (radioactive material and computed tomography) and non-ionizing radiation as prescribed by a licensed practitioner and under the supervision of an authorized user.

Statutory Requirement(s): Nuclear Medicine Technologist means a person, other than a Licensed Practitioner, who performs therapeutic, in vivo, imaging, and measurement procedures, prepares radiopharmaceuticals, and administers diagnostic doses of radiopharmaceuticals, and administers diagnostic doses of radiopharmaceuticals to human beings while under supervision of a Licensed Practitioner who is licensed as required to possess and use radioactive materials. Nuclear Medicine Technologists are certified by Nuclear Medicine Technology Board Certification or the American Registry of Radiologic Technologists. No person, other than a Licensed Practitioner, Radiologic Technologist, Licensed Technologist, or Limited Licensed Technologist shall use radioactive materials or medical equipment emitting or detecting ionizing radiation on human beings for diagnostic or therapeutic purposes.

See: A.C.A. § 17-106-106 at:

a) Other than a licensed practitioner, radiologic technologist, licensed technologist, or limited licensed technologist, no person shall use radioactive materials or medical equipment emitting or detecting ionizing radiation on human beings for diagnostic or therapeutic purposes.

and

**NUCLEAR MEDICINE TECHNOLOGIST (Continued)**

(f) A person shall not apply ionizing radiation or administer radiopharmaceuticals to a human being or otherwise engage in the practice of radiologic technology unless the person possesses a valid license issued under this chapter.

Also see A.C.A. § 17-106-103 at:

(6) "Ionizing radiation" means gamma rays, X rays, alpha and beta particles, high speed electrons, protons, neutrons, and other nuclear particles;

Pursuant to Arkansas Code § 17-1-106, do you provide automatic licensure to an active military service member, returning military veteran applying for licensure within one year of his or her discharge from active duty, or the spouse of an active military service member or returning military veteran who is within one year of discharge from active duty?

Yes

**Fees & Penalties**

Fee Type	Fee Description	Amount (\$)	Frequency
Fee	Nuclear Medicine License	\$45.00	Annually
Penalty	Nuclear Medicine Late Fee	\$22.50	Once
Fee	RTL1A License Additional	\$20.00	Annually
Penalty	RTL1A License Additional Late Fee	\$10.00	Once

**Administrative Rules Documents**

Document Type	Document
Rules	<a href="#">RADIOLOGIC TECHNOLOGY LICENSURE.pdf</a>

**Supporting Evidence Documents**

*No Supporting Evidence Documents Provided*

**RADIATION THERAPY TECHNOLOGIST**

Authorization Type: Licensure # of Individuals Regulated: 122

Entity Division Name: Radiation Control Section

Scope of Practice: Radiation Therapy Technologist Scope of Practice

- a. Providing optimal patient care.
- b. Receiving, relaying and documenting verbal, written and electronic orders in the patient’s medical record.
- c. Corroborating a patient's clinical history with procedure and ensuring information is documented and available for use by a licensed practitioner.
- d. Verifying informed consent for applicable procedures.
- e. Assuming responsibility for patient needs during procedures.
- f. Preparing patients for procedures.
- g. Applying principles to minimize radiation exposure to patient, self and others.
- h. Performing venipuncture as prescribed by a licensed practitioner.
- i. Starting, maintaining and/or removing intravenous access as prescribed by a licensed practitioner.
- j. Identifying, preparing and/or administering medications as prescribed by a licensed practitioner.
- k. Evaluating images for technical quality and ensuring proper identification is recorded.
- l. Identifying and responding to emergency situations.
- m. Providing education.
- n. Educating and monitoring students and other health care providers.
- o. Performing ongoing quality assurance activities.
- p. Applying the principles of patient safety during all aspects of patient care.

**RADIATION THERAPY TECHNOLOGIST (Continued)**

- q. Delivering radiation therapy treatments as prescribed by a radiation oncologist.
- r. Performing simulation, treatment planning procedures and dosimetric calculations as prescribed by a radiation oncologist.
- s. Using imaging technologies for the explicit purpose of simulation, treatment planning and treatment delivery as prescribed by a radiation oncologist.
- t. Detecting and reporting significant changes in patients' conditions and determining when to withhold treatment until the radiation oncologist is consulted.
- u. Monitoring doses to normal tissues within the irradiated volume to ensure tolerance levels are not exceeded.
- v. Constructing/preparing immobilization, beam directional and beam modification devices.
- w. Participating in brachytherapy procedures

Statutory Requirement(s): Radiation Therapy Technologists provide radiation therapy to patients as prescribed by a radiologist according to established practices and standards. Their duties may include reviewing prescription and diagnosis; acting as liaison with physician and supportive care personnel; preparing equipment, such as immobilization, treatment, and protection devices; and maintaining records, reports, and files. They may assist in dosimetry procedures and tumor localization. They are only authorized to perform Radiation Therapy procedures.

See: A.C.A. § 17-106-106:

a) Other than a licensed practitioner, radiologic technologist, licensed technologist, or limited licensed technologist, no person shall use radioactive materials or medical equipment emitting or detecting ionizing radiation on human beings for diagnostic or therapeutic purposes.

and

(f) A person shall not apply ionizing radiation or administer radiopharmaceuticals to a human being or otherwise engage in the practice of radiologic technology unless the person possesses a valid license issued under this chapter.

Pursuant to Arkansas Code § 17-1-106, do you provide automatic licensure to an active military service member, returning military veteran applying for licensure within one year of his or her discharge from active duty, or the spouse of an active military service member or returning military veteran who is within one year of discharge from active duty?

Yes

<b>Fees &amp; Penalties</b>			
Fee Type	Fee Description	Amount (\$)	Frequency
Fee	RTL02 Radiation Therapy License	\$45.00	Annually
Penalty	RTL02 Radiation Therapy Late Fee	\$22.50	Once
Fee	RTL1A License Additional	\$20.00	Annually
Penalty	RTL1A License Additional Late Fee	\$10.00	Once
<b>Administrative Rules Documents</b>			
Document Type	Document		
Rules	<a href="#">RADIOLOGIC_TECHNOLOGY_LICENSURE.pdf</a>		
<b>Supporting Evidence Documents</b>			

*No Supporting Evidence Documents Provided*

**RADIOLOGIC TECHNOLOGIST (RADIOGRAPHER)**

Authorization Type: Licensure # of Individuals Regulated:

Entity Division Name: Radiation Control Section

Scope of Practice: Radiologic Technologist Scope of Practice

- a. Providing optimal patient care.
- b. Receiving, relaying and documenting verbal, written and electronic orders in the patient's medical record.
- c. Corroborating a patient's clinical history with procedure and ensuring information is documented and available for use by a licensed practitioner.
- d. Verifying informed consent for applicable procedures.
- e. Assuming responsibility for patient needs during procedures.
- f. Preparing patients for procedures.
- g. Applying principles to minimize radiation exposure to patient, self and others.
- h. Performing venipuncture as prescribed by a licensed practitioner.
- i. Starting, maintaining and/or removing intravenous access as prescribed by a licensed practitioner.
- j. Identifying, preparing and/or administering medications as prescribed by a licensed practitioner.
- k. Evaluating images for technical quality and ensuring proper identification is recorded.
- l. Identifying and responding to emergency situations.
- m. Providing patient education.
- n. Educating and monitoring students and other health care providers.
- o. Performing ongoing quality assurance activities.
- p. Applying the principles of patient safety during all aspects of patient care.
- q. Performing diagnostic radiographic and noninterpretive fluoroscopic procedures as prescribed by a licensed practitioner.
- r. Optimizing technical exposure factors in accordance with the principles of ALARA.
- s. Assisting the licensed practitioner with fluoroscopic and specialized radiologic procedures.

Statutory Requirement(s): Radiologic Technologists use medical equipment emitting ionizing radiation for human diagnostic purposes under the supervision of a Licensed Practitioner. A Radiologic Technologist License is a license for individuals who have graduated from an accredited Radiologic Technology School and passed the American Registry of Radiologic Technologists Radiography national registry examination. They are authorized to perform all types of radiography studies, including Computed Tomography, Mammography, Special Procedures and Bone Densitometry.

Pursuant to Arkansas Code § 17-1-106, do you provide automatic licensure to an active military service member, returning military veteran applying for licensure within one year of his or her discharge from active duty, or the spouse of an active military service member or returning military veteran who is within one year of discharge from active duty?

<b>Fees &amp; Penalties</b>			
Fee Type	Fee Description	Amount (\$)	Frequency
Fee	RTL01 Radiologic Technologist License	\$45.00	Annually
Penalty	RTL01 Radiologic Technologist License Late Fee	\$22.50	Once
Fee	RTL1A License Additional	\$20.00	Annually
Penalty	RTL1A License Additional Late Fee	\$10.00	Once

<b>Administrative Rules Documents</b>	
Document Type	Document
Rules	<a href="#">RADIOLOGIC TECHNOLOGY LICENSURE.pdf</a>

**Supporting Evidence Documents**

*No Supporting Evidence Documents Provided*