

**BOARD OF MEDICAL IMAGING**

**DIVISION 10**

**LICENSURE**

**337-010-0006**

**Definitions**

For purposes of ORS 688.405 to 688.605 and these rules:

- (1) The "Practice of Medical Imaging" shall be defined as but not limited to the use of ionizing radiation, ultrasound, radio waves or magnetic fields upon human anatomy for diagnostic or therapeutic purposes including the physical positioning of the patient, the determination of exposure parameters, and the handling of the ionizing radiation equipment.
- (2) "Approved school" means a school accredited in one of the medical imaging modalities or subspecialties by a national or regional post-secondary accreditation body and whose graduates are qualified to sit for a credentialing examination recognized by the Board of Medical Imaging in the graduate's medical imaging modality or subspecialty.
- (3) "Clinical instructor" means an individual assigned to supervise students in a clinical setting who is:
  - (a) A licensed physician who routinely supervises the medical imaging modality being studied by a student; or
  - (b) An individual licensed by the board and credentialed by a credentialing organization in the medical imaging modality being studied by a student.
- (4) "Credential" means the recognition awarded to an individual who meets the requirements of a credentialing organization.
- (5) "Credentialing organization" means a nationally recognized organization that issues credentials through testing or evaluations that determine that a person meets defined standards for training and competence in a medical imaging modality.
- (6) "Diagnostic medical sonography" means the use of nonionizing high frequency sound waves with specialized equipment to direct the sound waves into areas of the human body to generate images for the assessment and diagnosis of various medical conditions.
- (7) "Graduate" means an individual who has completed the didactic and clinical education at an approved school, including documented clinical proficiency, but who has not met all requirements for credentialing by a credentialing organization.

- (8) “Hybrid imaging or radiation therapy equipment” means equipment that combines more than one medical imaging modality into a single device.,
- (9) “Ionizing radiation” means alpha particles, beta particles, gamma rays, X-rays, neutrons, high-speed electrons, high-speed protons or other particles capable of producing ions. “Ionizing radiation” does not include radiation such as radiofrequency or microwaves, visible, infrared or ultraviolet light or ultrasound.
- (10) “License” means a license issued by the board to practice one or more of the medical imaging modalities.
- (11) “Licensed nurse practitioner” means a nurse practitioner licensed in Oregon.
- (12) “Licensed physician” means a physician or surgeon licensed in Oregon.
- (13) “Licensed physician assistant” means a physician assistant licensed in Oregon.
- (14) “Limited X-ray machine operator” means a person other than a licensed physician who performs diagnostic X-ray procedures under the supervision of a licensed physician, a licensed nurse practitioner or a licensed physician assistant using equipment that emits external ionizing radiation resulting in diagnostic radiographic images that are limited to select human anatomical sites.
- (15) “Limited X-ray machine operator course of study” means a board-approved set of didactic and clinical experience elements designed to prepare a person for gaining practical experience and for passing the limited X-ray machine operator examination.
- (16) “Magnetic resonance imaging” means the process by which certain nuclei, when placed in a magnetic field, absorb and release energy in the form of radio waves that are analyzed by a computer thereby producing an image of human anatomy and physiological information.
- (17) “Medical imaging” means the use of specialized equipment for the production of visual representations of human anatomy, tissues or organs for use in clinical diagnosis and treatment and includes but is not limited to X-ray, single photon emission, positron emission technology, ultrasound, magnetic fields, visible light and radio waves.
- (18) “Medical imaging licensee” means a person other than a licensed physician or a limited X-ray machine operator who holds a valid license and operates medical imaging equipment for diagnostic or therapeutic purposes under the supervision of a licensed physician.
- (19) “Medical imaging modality” means:
- (a) Diagnostic medical sonography and all its subspecialties;
  - (b) Magnetic resonance imaging and all its subspecialties;
  - (c) Nuclear medicine technology and all its subspecialties;
  - (d) Radiation therapy and all its subspecialties; or
  - (e) Radiography and all its subspecialties.

(20) “Nuclear medicine technology” means the specialized equipment that measures radiation emitted by radionuclides, including counters and cameras that form medical images for interpretation by a physician, or assists in therapeutic use of radionuclides.

(21) “Radiographer” means a person other than a licensed physician who performs a comprehensive set of diagnostic radiographic procedures under the supervision of a licensed physician using external ionizing radiation to produce radiographic, fluoroscopic or digital images.

(22) “Radiography” means the use of ionizing radiation to produce radiographic, fluoroscopic or digital images of human anatomy for diagnostic purposes.

(23) “Radiologist” means a person licensed to practice medicine in the State of Oregon who is certified by or board eligible for certification by the American Board of Radiology, the American Osteopathic Association, the Royal College of Radiologists or the Royal College of Physicians and Surgeons of Canada.

(24) “Student” means an individual enrolled in:

(a) An approved school, college or university academic training program in medical imaging; or

(b) A limited X-ray machine operator course of study.

(25) “Supervision” means the act of monitoring and reviewing the performance of medical imaging licensees or limited X-ray machine operators through regular inspections of work produced, regardless of whether the supervising individual is continuously physically present during the [performance] use of medical imaging equipment or X-ray equipment.

(26) "Positioning" is the act of placing the patient in the standard or appropriate position for a medical imaging examination or radiation therapy based on the medical condition of patient.

Stat. Auth.: ORS 183.310(7) & 688.555(1)

Stats. Implemented: ORS 688.415, 688.525 & 688.915

Hist.: RT 2-1986, f. 4-29-86, ef. 7-1-86; RT 1-1989, f. & cert. ef. 1-24-89; RT 1-1990, f. & cert. ef. 2-2-90; RT 1-1992, f. & cert. ef. 1-15-92; BRT 1-2003, f. 8-14-03, cert. ef. 8-15-03; BRT 1-2010, f. & cert. ef. 6-15-10

### **337-010-0007**

#### **Recognized Credentialing Organizations and Credentials**

Licensees will be recognized on their licenses with listing of their major modality and all sub-specialties for which they have been certified. Currently recognized subspecialties are listed as follows under each credentialing organization:

(1) American Registry for Diagnostic Medical Sonographers (ARDMS)

(A) Registered Diagnostic Medical Sonographer -- RDMS

(B) Registered Diagnostic Cardiac Sonographer -- RDCS

(C) Registered Vascular Technologist -- RVT

(D) The following specializations under the main three categories above will also be listed as provided by the ARDMS, subject to change:

AB -- Abdomen

AE -- Adult Echocardiography

BR -- Breast Specialty

FE -- Fetal Echocardiography

NE -- Neurosonology

OB -- Obstetrics & Gynecology

PE -- Pediatric Echocardiography

VT -- Vascular Technology

**Example:** John Doe, RDMS (AB, OB), RDCS (AE, PE)

(2) American Registry of Magnetic Resonance Imaging Technologists (ARMRIT) Primary designation: MRI  
No sub-specialties

**Example:** John Doe MRIT (ARMRIT)

(3) American Registry of Radiologic Technologists (ARRT). An ARRT certificate confers upon its holder the right to use the title "Registered Technologist" and its abbreviation "R.T.(ARRT)" or "Registered Radiologist Assistant" and its abbreviation "R.R.A. (ARRT)" in connection with his or her name as long as the registration of the certificate is in effect. The category designation should be inserted between the "R.T." and the "(ARRT)" and should be shown as "R.T.(\*)(ARRT)" where the asterisk is replaced by the letter or letters indicated in the list below

(R) for Radiography

(N) for Nuclear Medicine Technology

(T) for Radiation Therapy

(MR) for Magnetic Resonance Imaging

(S) for Sonography

(CV) for Cardiovascular-Interventional Radiography

(M) for Mammography

(CT) for Computed Tomography

(QM) for Quality Management

(BD) for Bone Densitometry

(VS) for Vascular Sonography

(CI) for Cardiac-Interventional Radiography

(VI) for Vascular-Interventional Radiography

(BS) for Breast Sonography

**Example:** Joe Doe RT (R) (ARRT)

(4) Certification Board of Radiology Practitioner Assistants (CBRPA) "Radiology Practitioner Assistant" (R.P.A.) An RPA means an American Registry of Radiologic Technologists (A.R.R.T.) technologist who has successfully completed an advanced training program and is certified by the CBRPA

**Example:** Jane Doe RT (ARRT) (RPA) (CBRPA)

(5) Cardiovascular Credentialing International (CCI)

CCT -- Angiography -- Certified Cardiographic Technician

RCCS -- Sonography -- Registered Congenital Cardiac Sonographer

RCES -- Angiography -- Registered Cardiac Electrophysiology Specialist

RCIS -- Angiography -- Registered Cardiovascular Invasive Specialist

RCS -- Sonography -- Registered Cardiac Sonographer

RPhS -- Sonography -- Registered Phlebology Sonographer

RVS -- Sonography -- Registered Vascular Specialist

**Example:** Jane Doe RCES (CCI)

(6) Nuclear Medicine Technology Certification Board (NMTCB) Primary certification: Nuclear Medicine Technologist — CNMT. Sub-specialties:

Nuclear Cardiology -- NCT

Positron Emission Tomography -- PET

**Example:** John Doe NMT, NCT (NMTCB)

Stat. Auth: ORS 688.555(1)  
Stats. Implemented: ORS 688.425(1)  
Hist.: BRT 1-2010, f. & cert. ef. 6-15-10

### **337-010-0008**

#### **Change of Contact Information**

Every licensee or permittee shall maintain on file with the Board their correct current contact information including telephone number, email address, residence address, employer and name.

Stat. Auth.: ORS 183.310(7) & 688.555(1)  
Stats. Implemented:  
Hist.: RT 1-1992, f. & cert. ef. 1-15-92; BRT 1-2010, f. & cert. ef. 6-15-10

### **337-010-0009**

#### **Change of Credentialing or License Status**

Every licensee or permittee must:

- (1) Maintain credentialing in their licensed specialty throughout the licensure period
- (2) Notify the Board within 30 days of any pending or final actions by the credentialing organization against the licensee.
- (3) Notify the Board within 30 days of lapse or suspension of any professional license.

Stat. Auth: ORS 688.555(1)  
Stats. Implemented: 688.455  
Hist.: BRT 1-2010, f. & cert. ef. 6-15-10

### **337-010-0010**

#### **Qualifications of Radiographer in Diagnostic Field**

In addition to those qualifications set out in ORS 688.465, applicants for licensure as a radiologic technologist in the diagnostic field must: Submit evidence of current credentialing by the American Registry of Radiologic Technologists (ARRT) in radiography. The Board will verify current credential status through review of the ARRT directory. If the applicant is not listed in the current ARRT directory, he or she must request written verification of current credential be submitted directly to the Board by the ARRT.

Stat. Auth.: ORS 688 ORS 688.555(1)  
Stats. Implemented: ORS 688.455  
Hist.: RT 2-1978, f. & ef. 7-7-78; RT 2-1982, f. & ef. 3-11-82; RT 2-1986, f. 4-29-86, ef. 7-1-86; BRT 2-2006, f. 12-15-06, cert. ef. 1-1-07; BRT 1-2010, f. & cert. ef. 6-15-10

### **337-010-0011**

## **Qualifications of Computed Tomography Equipment Operators and Merged Technology Equipment Operators' Licensing**

(1) An individual who operates computed tomography equipment for diagnosis must be credentialed by the American Registry of Radiologic Technologists in Computed Tomography (CT) or in Radiography with training in the operation of CT equipment in accordance with applicable RPS rules; currently OAR 333-106-0370 (x-ray) and 333-116-0880 (NM).

(2) In addition to qualifications to operate radiation therapy devices, Radiation Therapists operating CT for treatment planning must submit evidence of completion of a minimum of twelve (12) hours training in the use of computed tomography from an approved source as determined by the board.

(3) Nuclear Medicine Technologists who perform non-diagnostic attenuation CT exams with a hybrid scanner such as PET/CT, SPECT/CT or new emerging hybrid scanners must meet the training requirements in accordance with OAR 333-116-0880.

(4) In addition to qualifications to operate radionuclide imaging devices, Nuclear Medicine technologists may be granted a CT Technologist operator's license to perform diagnostic CT examinations if the following requirements are met:

(a) Credentialing by the American Registry of Radiologic Technologists in Computed Tomography, or

(b) The Board may grant authorization to allow Nuclear Medicine Technologists who are enrolled in a CT training program to perform diagnostic CT exams with direct supervision after they have completed a Board approved didactic training program that will allow the student to perform the ARRT required number of CT exams to sit for the ARRT (CT) exam. The authorization will be effective for 3 consecutive academic terms, and will expire automatically unless the Board is presented with evidence of passing the ARRT (CT) exam.

Stat. Auth.: ORS 688.555(1)

Stats. Implemented: ORS 688.480

Hist.: BRT 2-2006, f. 12-15-06, cert. ef. 1-1-07; BRT 1-2010, f. & cert. ef. 6-15-10

### **337-010-0013**

## **Qualifications of Magnetic Resonance Imaging Technologist**

An individual who operates Magnetic Resonance Imaging equipment must submit evidence of current credentialing in MRI by the American Registry of Radiologic Technologists (ARRT) or the American Registry of Magnetic Resonance Imaging Technologists (ARMRIT). The Board will verify current credential status through review of the ARRT or ARMRIT directory. If the applicant is not listed in the current applicable directory, he or she must request written verification of current credential be submitted directly to the Board by their credentialing organization.

Stat. Auth.: ORS 688.555(1 )

Stats. Implemented: ORS 688.455

Hist.: BRT 1-2010, f. & cert. ef. 6-15-10

### **337-010-0014**

## **Qualifications of Diagnostic Medical Sonographer**

An individual who operates ultrasound equipment for medical imaging purposes must submit evidence of current credentialing in diagnostic medical sonography from the American Registry of Diagnostic Medical Sonography (ARDMS), American Registry of Radiologic Technologists (ARRT), or Cardiac Credentialing International (CCI). The Board will verify current credential status through review of the ARDMS, ARRT or CCI directory. If the applicant is not listed in the current applicable directory, he or she must request written verification of current credential be submitted directly to the Board by their credentialing organization.

Stat. Auth.: ORS 688.555(1 )

Stats. Implemented: ORS 688.455

Hist.: BRT 1-2010, f. & cert. ef. 6-15-10

### **337-010-0015**

#### **Qualifications of Radiation Therapist**

In addition to those qualifications set out in ORS 688.475, applicants for licensure as a radiation therapist must: Submit evidence of current credentialing from the American Registry of Radiologic Technologists (ARRT) in radiation therapy. The Board will verify current credential status through review of the ARRT directory If the applicant is not listed in the current ARRT directory, he or she must request written verification of current credential be submitted directly to the Board by the ARRT.

Stat. Auth.: ORS 688

Stats. Implemented: ORS 688.455

Hist.: RT 2-1978, f. & ef. 7-7-78; RT 2-1982, f. & ef. 3-11-82; RT 2-1986, f. 4-29-86, ef. 7-1-86; BRT 1-2010, f. & cert. ef. 6-15-10

### **337-010-0016**

#### **Qualifications of Nuclear Medicine Technologist**

An individual who operates nuclear medicine equipment must submit evidence of current credentialing by the Nuclear Medicine Technology Certification Board (NMTCB) the American Registry of Radiologic Technologists (ARRT) in Nuclear Medicine. The Board will verify current credential status through review of the NMTCB or ARRT directory. If the applicant is not listed in the current applicable directory, he or she must request written verification of current credential be submitted directly to the Board by their credentialing organization.

Stat. Auth.: ORS 688.555(1)

Stats. Implemented: ORS 688.455

Hist.: BRT 1-2010, f. & cert. ef. 6-15-10

### **337-010-0023**

#### **Determination of Fitness; State and Nationwide Criminal Background Checks**

(1) The purpose of this rule is to provide for the reasonable screening of: applicants for licensure; board members, employees, contract vendors and individuals subject to investigation by the Board, in order to determine if they have a history of criminal behavior such that they are not fit to be granted or retain a license issued by the Board.

(2) "Subject individual" means a person from whom the Board may require fingerprints for the purpose of enabling the Board to request a state or nationwide criminal records check. In this rule, subject individual means: applicants for licensure or renewal of a license; board members, employees, contract vendors and individuals subject to an investigation by the Board.

(3) This rule is to be applied when evaluating the criminal history of a subject individual and conducting fitness determinations based upon such history. The fact that a subject individual does not have an adverse criminal history does not guarantee the granting or renewal of a license.

(4) The Board may request that the Department of State Police conduct a state criminal history check and a national criminal history check, using fingerprint identification of subject individuals. The Board may conduct state criminal records checks on subject individuals and any licensee through the Law Enforcement Data System maintained by the Department of State Police in accordance with rules adopted, and procedures established, by the Department of State Police. Criminal history information obtained from the Law Enforcement Data System must be handled in accordance with ORS Chapter 181, OAR 257-010 to 257-015 and applicable Oregon State Police procedures.

(5) Additional Information Required. In order to conduct a state and national criminal history check and fitness determination, the Board may require additional information from the subject individual as necessary. Additional information may include but is not limited to, proof of identity; residential history; names used while living at each residence; or additional criminal, judicial, or other background information.

(6) In making the fitness determination, the Board may consider:

(a) The nature of any record that may include but is not limited to any record of arrest or conviction for:

(A) Any drug or alcohol offence;

(B) Any felony;

(C) Any offence involving fraud, theft, identity theft or other instance of dishonesty;

(D) Any offence involving violation of federal importation or customs laws or rules;

(E) Any offence requiring registration as a sex offender.

(b) The facts that support the conviction or indictment or that indicate the making of the false statement;

(c) The relevancy, if any, of the crime or the false statement to the specific requirements of the subject individual's license; and

(d) Intervening circumstances relevant to the responsibilities and circumstances of the license. Intervening circumstances include but are not limited to:

(A) The passage of time since the commission of the crime;

(B) The age of the subject individual at the time of the crime;

(C) The likelihood of a repetition of offenses or of the commission of another crime;

- (D) The subsequent commission of another relevant crime;
  - (E) Whether the conviction was set aside and the legal effect of setting aside the conviction; and
  - (F) A recommendation of an employer.
- (e) Any false statement made by the individual regarding the criminal history of the individual;
  - (f) Any refusal to submit or consent to a criminal record check including a refusal to provide fingerprint identification;
  - (g) Any other pertinent information obtained as part of an investigation.
- (7) If a subject individual is determined to be unfit, then the individual may not be granted a license or a renewal of a license or registration. The Board may make a fitness determination conditional upon applicant's acceptance of probation, conditions, limitations, or other restrictions upon licensure.
- (8) All background checks shall be requested to include available state and national data, unless obtaining one or the other is an acceptable alternative.
- (9) Criminal offender information is confidential. Dissemination of information received under this rule may only be made to people with a demonstrated and legitimate need to know the information. When the information is part of the investigation of an applicant or licensee, it is confidential pursuant to ORS 676.175. Any fingerprint cards used to conduct a check shall be destroyed by either the Federal Bureau of Investigation or the Department of State Police as specified in ORS 181.534.
- (10) The Board will permit the subject individual for whom a fingerprint-based criminal records check was conducted to inspect the individual's own state and national criminal offender records and, if requested by the subject individual, provide the individual with a copy of the individual's own state and national criminal offender records.
- (11) If an applicant, licensee or permittee is determined not to be fit for a license, they are entitled to a contested case hearing pursuant to ORS 183.413 to 470 and in accordance with OAR 855-001-0005 to 0017.
- (12) A challenge to the accuracy or completeness of information provided by the Department of State Police, Federal Bureau of Investigation and agencies reporting information must be made through the Department of State Police, Federal Bureau of Investigation or reporting agency and not through the contested case process.
- (13) Request for re-evaluation following correction. If the subject individual successfully contests the accuracy or completeness of information provided by the Oregon State Police, the Federal Bureau of Investigation or other agency reporting information to the Board, the Board will conduct a new criminal history check and re-evaluate the criminal history upon submission of a new criminal history request form.
- (14) If the subject individual discontinues the application or fails to cooperate with the criminal history check process then the application is considered incomplete.
- (15) Subject individuals will be required to pay the actual costs charged by the Department of State Police for the state and national criminal background check.

Stat. Auth.: ORS 181.534, 688.557  
Stats. Implemented: ORS 688.557  
Hist.: BRT 1-2010, f. & cert. ef. 6-15-10

### **337-010-0025**

#### **Continuing Education**

Licenses must comply with all continuing education and continuing competency requirements of the applicable credentialing organization by submitting their annual registration.

Stat. Auth.: ORS 688.555(1)  
Stats. Implemented: ORS 688.505  
Hist.: RT 2-1978, f. & ef. 7-7-78; RT 1-1985, f. & ef. 2-21-85; RT 1-1987, f. & ef. 1-27-87; RT 2-1990, f. & cert. ef. 4-27-90; RT 1-1992, f. & cert. ef. 1-15-92; BRT 3-1998, f. & cert. ef. 7-15-98; BRT 1-2003, f. 8-14-03, cert. ef. 8-15-03; BRT 1-2010, f. & cert. ef. 6-15-10

### **337-010-0026**

#### **LXMO Permit Renewal**

(1) LXMO permit holders must submit evidence of continuing education at the time they file an application for license renewal. An initial permanent LXMO permit that is prorated for a period of less than 24 months includes the requirement of an average of one hour of continuing education per month, depending on the number of anatomic areas in a limited permit.

(2) LXMO permit holders must obtain a minimum of continuing education hours according to the following schedule:

(a) One to three anatomic areas: 9 hours per year.

(b) Four or more anatomic areas: 12 hours per year.

(3) The Board may require LXMO permit holders to produce documents verifying continuing education activities for purposes of an audit by the Board. LXMO permit holders are required to retain verification documents for a period of two years following the renewal date. At any time during that two years the Board may require LXMO permit holders to produce those documents for purposes of an audit by the Board.

(4) Verification Documents for LXMO Renewal Applicants include:

(a) A completed OBMI worksheet, listing all continuing education activities performed during the immediately preceding licensing period.

(b) All renewal applicants are subject to audit of their Continuing Education hours by the Board.

(5) Acceptable Types of Continuing Education Activities:

(a) Any independent reading, video or audiocassette must include a pre-approved post-test to be acceptable for meeting OMBI's continuing education requirements.

(b) Acceptable forms of continuing education activities for LXMO permit holders (no maximum) include, with one hour of credit for each hour spent in the activity:

(A) Attendance at meetings of professional organizations that are directly related to radiography (educational portions of the meetings only).

(B) Directed reading of professional and scientific journals and newsletters related to radiography, listening to or viewing video recordings related to radiography, all of which include a post-test.

(C) Symposia, workshops, lectures, refresher courses, correspondence courses, etc. pertaining to radiography.

(D) In-service education when related to radiography.

(E) A minimum of one hour of education in one permit area is required per year and 2 hours of either radiation use and safety or radiographic technique is required per year.

Stat. Auth.: ORS 688.555(1)

Stats. Implemented: ORS 688.505

Hist.: BRT 1-2010, f. & cert. ef. 6-15-10

### **337-010-0030**

#### **Limited X-Ray Machine Operator (LXMO) Permits**

(1) Applicants for LXMO Permits Qualifications:

(a) An applicant for a LXMO permit must be at least 18 years of age, pay an application fee, and, effective January 1, 2007, have successfully passed a course of instruction that reflects the current Core Module of the "Content Specifications for the Examination for the Limited Scope of Practice in Radiography" published by the American Registry of Radiologic Technologists. The curriculum must consist of not less than 52 hours of instruction approved by the Board in the following subjects:

(A) Radiation physics;

(B) Interaction of radiation with matter;

(C) Radiation exposure, monitoring, and radiation units;

(D) Principle of the radiographic equipment;

(E) Biological effects of radiation;

(F) Low-dose technique and minimizing patient exposure;

(G) Applicable Federal and State radiation regulations;

(H) Darkroom, film processing, and quality assurance;

(I) Film and image critique;

(J) Personnel protection;

(K) Digital and computer-generated radiographic imaging;

(L) Developing and using technique charts; and

(M) Patient care.

(b) Have received a course of instruction in laboratory practice approved by the Board:

(A) Meeting the requirements stated in the Board's publication "Overview of Guidelines for Instructors of Courses in Preparation for the Limited Scope Examination in Diagnostic Radiologic Technology dated "October 1, 2008" which is incorporated by reference and made a part of this rule;

(B) Reflects the current Radiographic Procedure Module(s) of the "Content Specifications for the Examination for the Limited Scope of Practice in Radiography" published by the American Registry of Radiologic Technologists

(C) Taught by a licensed registered technologist specific to each category for which a limited permit is sought and have received the instructor's certification that the applicant has demonstrated all the positions/projections described in the Behavioral Objectives for each category. Effective January 1, 2007, the minimum hours in each category is as follows:

(1) Skull/Sinus, 18 hours;

(2) Spine, 30 hours;

(3) Chest, 12 hours;

(4) Extremities, 60 hours;

(5) Podiatric 10 hours.

An individual must successfully pass a Board-approved Core Module course and successfully complete the didactic portion of a Radiographic Procedure Module (Skull/Sinus, Spine, Chest, Extremities, and Podiatric) relative to the anatomical area the student wishes to radiograph. Student status will continue for one year from the date of completion of the didactic portion of the corresponding Radiographic Procedure Module. Student status expires at the end of the one-year period specified above; or seven days after the date on which an applicant becomes eligible for a permanent LXMO permit.

(d) Radiographic procedures cannot be performed on patients without having passed the ARRT Core exam and corresponding ARRT Radiographic Procedure module. The applicant must obtain a temporary permit to successfully complete a practical experience program approved by the Board specific to each category for which the applicant seeks a LXMO permit. The practical experience component must consist of experience with live patients with a licensed RT, radiologist, or licensed physician, licensed nurse practitioner or licensed physician assistant with adequate training in radiography in accordance with RPS Rules present in the room during radiographic exposures. Processed images made by the students are evaluated and critiqued by an ARRT-registered, Oregon-licensed radiographer Practical Experience Evaluator;

(e) The student may be evaluated for imaging by using the Practical Experience Evaluation Form developed by the Board. If the Practical Experience Evaluator chooses to use a method for evaluation other than the Practical Experience Evaluation Form, that method must receive prior approval from the Board. The Practical Experience Evaluator must provide the student with a certificate of completion in the categories in which the student has successfully completed practical experience.

(2) Applicants for LXMO Permits in X-ray Bone Densitometry: Qualifications:

(a) An applicant for a limited permit in x-ray bone densitometry must be at least 18 years of age, pay an application fee set by the Board, and have successfully passed a Board approved 24 hour course of instruction which includes not less than 20 hours of radiation protection, equipment operation and quality control specific to x-ray bone densitometry, and meets the didactic and practical experience requirements stated in the Board's publication "Behavioral Objectives and Teaching Guide Bone Densitometry Equipment Operators dated October 01, 2008 which is incorporated by reference and made a part of this rule.

(b) An individual must successfully pass a Board-approved course in x-ray bone densitometry. Student status will continue for one year from the date of completion of the "Bone Densitometry Equipment Operators Examination" given by the American Registry of Radiologic Technologists. Student status expires at the end of the one-year period specified above; or seven days after the date on which an applicant becomes eligible for a permanent LXMO permit.

(c) Bone density procedures cannot be performed on patients without having passed the ARRT Bone Densitometry Equipment Operators Examination.

(3) LXMO Permit students who wish to sit for the ARRT Limited Scope of Practice in Radiography Examination need to have a Course Completion Certificate to be eligible to sit for the ARRT "Limited Scope of Practice in Radiography" Examination from a program both approved by the board and licensed by the Oregon Department of Education, Private Career School Section or otherwise approved or accredited by the Oregon Department of Higher Education.

(4) Time Frame for Completing Requirements for a LXMO Permit: An applicant has a maximum of one year from the time of completion of a LXMO permit didactic class term to make application for a LXMO permit or add categories to an existing LXMO permanent permit. During the practical experience program after passing the ARRT exam. the applicant may only make x-ray exposures of patients under direct supervision by a licensed RT, radiologist, or licensed physician, licensed nurse practitioner or licensed physician assistant with adequate training in radiography in accordance with RPS Rules present in the room during radiographic exposures.

(5) Students are allowed 3 attempts to pass an ARRT exam.

(6) Limited Scope Examination Fees:

(a) Students can sit for the examination throughout the year. The examination fee is \$20 for each examination category for which the student is tested, combined with an administration fee set by the American Registry of Radiologic Technologists (ARRT). These fees, together with the necessary certifications and verifications that the applicant has completed Board-approved Core Module course, Radiographic Procedure Module courses and a practical experience program must be submitted to the Board office. On submission and acceptance of the application materials, OBMI shall register the applicant with the ARRT, after which the applicant has 90 days in which to sit for the exam.

(b) The examination shall consist of two sections:

(A) Core Section (Radiation Use and Safety, Equipment Operation, Quality Control, Image Production, Image Evaluation, and Patient Care), which all applicants are required to pass; and

(B) Specific Radiographic Procedures (positioning and techniques) in the category or categories (Skull/Sinus, Spine, Chest, Extremities, and Podiatric) for which a limited permit is desired to be obtained. At least one category must be passed to obtain a permanent LXMO Permit (ORS 688.515(h)). The LXMO Permit may be issued only in those categories that are passed.

(c) A score of 70 percent constitutes a minimum passing score for each section of the limited scope examination;

(d) Limited scope examinations will be administered at computer-based testing sites identified by ARRT. The student is subject to rules regarding test administration at the testing site;

(e) The application fee for the LXMO permit examination is non-refundable.

[Publications: Publications referenced are available from the agency.]

Stat. Auth.: ORS 388.555(1)

Stats. Implemented: ORS 688.515(4) & 688.515(8)

Hist.: RT 2-1978, f. & ef. 7-7-78; RT 2-1982, f. & ef. 3-11-82; RT 3-1982, f. & ef. 9-30-82; RT 2-1985, f. & ef. 7-1-85; RT 2-1986, f. 4-29-86, ef. 7-1-86; RT 1-1987, f. & ef. 1-27-87; RT 3-1987, f. & ef. 4-16-87; RT 5-1987, f. & ef. 10-19-87; RT 1-1988, f. & cert. ef. 4-13-88; RT 2-1988, f. & cert. ef. 11-9-88; RT 3-1988, f. & cert. ef. 11-9-88; RT 1-1989, f. & cert. ef. 1-24-89; RT 3-1990, f. & cert. ef. 11-7-90; RT 4-1990, f. & cert. ef. 11-7-90; RT 1-1991, f. & cert. ef. 1-30-91; RT 1-1992, f. & cert. ef. 1-15-92; BRT 4-1998, f. & cert. ef. 7-15-98; BRT 2-2002, f. & cert. ef. 11-18-02; BRT 1-2006, f. & cert. ef. 2-6-06; BRT 2-2006, f. 12-15-06, cert. ef. 1-1-07; BRT 1-2010, f. & cert. ef. 6-15-10

### **337-010-0031**

#### **Requirements for LXMO Permit Program Sponsors**

(1) Instructors of Core Module or Radiographic Procedure Module classes must provide the Board with the names of all students who have successfully completed the didactic portions of the LXMO permit program. The list must indicate the specific didactic portion(s) of the LXMO permit program the student has successfully completed and the completion date.

(2) Retention of Student Records: instructors of Core Module or Radiographic Procedure Module classes and practical experience evaluators must retain student grades and attendance records for a period of two years.

(3) LXMO permit program sponsors must annually submit to the Board for review an outline of the LXMO permit program. The outline along with the names of all instructors teaching in the program must be submitted to the Board office no later than July 1 each year. In addition to a written outline, and as a condition of Board approval, each LXMO permit program site shall be inspected biannually or as needed by a Board member or an authorized representative of the Board. The site visit shall include an inspection of the physical premises on which LXMO permit programs are conducted as well as interviews with students currently enrolled in the LXMO permit program.

(4) A resource library shall be maintained at the program site and the resource materials shall be made available to students.

(5) Prior to the first class meeting, Board-approved LXMO permit programs must provide students with clear statements describing the course and program policies. These must include but are not necessarily limited to information regarding the following:

(a) Student costs including tuition, books, lab fees, LXMO permit examination fees, LXMO permit application and renewal fees;

(b) Tuition refund policies;

(c) How the practical experience requirement will be fulfilled including a clear explanation of the responsibilities to be assumed by the program and the responsibilities that will be assumed by the student;

(d) Employment guarantees, if any;

(e) Course outlines and minimum hourly requirements for each section of the course;

(f) The LXMO permit examination process including applications, deadlines for filing for the examination, and examination fees;

(g) LXMO permits including applications and fees.

(6) Failure by the LXMO permit program sponsor to submit the outline required under this section or to cooperate in the site visit procedure shall constitute grounds for the Board's refusal to approve the program.

(7) If the Board's inspection of a LXMO permit program site reveals that corrective action needs to be taken, the Board or its representative will so notify the program director. The program director shall respond in writing to the Board within 20 days of receiving the information. The response shall consist of a description of the corrective action that will be taken.

(8) Any LXMO Permit course of instruction, approved by the Board in order to satisfy the Board's requirement for didactic and clinical experience portions of the LXMO Permit course of instruction, shall be made generally available to the public for purposes of enrollment in and completion of the course, unless the Board, for good cause, decides otherwise.

Stat. Auth.: ORS 688.555(1)

Stats. Implemented: ORS 688.515(3)(e)

Hist.: RT 1-1989, f. & cert. ef. 1-24-89; RT 3-1990, f. & cert. ef. 11-7-90; BRT 6-1998, f. & cert. ef. 10-16-98; BRT 2-2006, f. 12-15-06, cert. ef. 1-1-07; BRT 1-2010, f. & cert. ef. 6-15-10

**337-010-0045**

## **Temporary Licensee**

(1) Temporary License

(A) Students who have successfully completed, or will successfully complete within 6 months, an approved school's didactic and clinical programs may apply for a temporary license that will be effective upon completion of the approved school's program.

(B) A temporary license is intended to allow graduates of an approved school to gain additional paid medical imaging experience in the applicable imaging modality before completing required credentialing examinations.

(C) A temporary license is valid for 6 months and may be renewed upon Board approval.

(D) A temporary licensee must apply to the Board for a medical imaging license within 30 days of being awarded a credential in a medical imaging modality by a recognized credentialing organization.

(E) If a temporary licensee is also licensed by the Board in another medical imaging modality, the restrictions of this subsection shall only apply when the individual is functioning as a temporary licensee.

(2) Temporary Licensee Supervision. A temporary licensee may only operate the applicable medical imaging modality under the direct supervision of a licensed physician, or an individual licensed by the Board and credentialed by a credentialing organization in the medical imaging modality identified on the temporary license. For purposes of this subsection, direct supervision means that the supervisor is physically present in the building and available to assist the temporary licensee as needed.

Stat. Auth.: ORS 688

Stats. Implemented:

Hist.: RT 2-1978, f. & ef. 7-7-78; BRT 1-2010, f. & cert. ef. 6-15-10

## **337-010-0080**

### **Processing of Applications**

Applications for licensure under the auspices of the Board will be processed in the order received in the Board office. Paper documents will be date-stamped. Electronic documents will be dated and timed, to the extent possible by existing technology.

Stat. Auth.: [ORS 688.555\(1\)](#)

Stats. Implemented: [ORS 688.445\(1\)](#)

Hist.: BRT 6-1998, f. & cert. ef. 10-16-98

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