

BOARDS AND COMMISSIONS
Board of Medical Imaging and Radiation Therapy
(Amended at ARRS Committee)

201 KAR 46:035. Practice standards, scopes of practice, and ethical standards.

RELATES TO: 311B.080

STATUTORY AUTHORITY: KRS 311B.050(2), 311B.080

CERTIFICATION STATEMENT: This certifies that this administrative regulation complies with the requirements of 2025 RS HB 6, Section 8.

NECESSITY, FUNCTION, AND CONFORMITY: KRS 311B.050(2) requires the Kentucky Board of Medical Imaging and Radiation Therapy to promulgate administrative regulations to administer and enforce KRS Chapter 311B. KRS 311B.080 requires the board to recognize and enforce national practice standards, scopes of practice, and ethical standards. This administrative regulation establishes uniform standards for the licensure of individuals who perform medical imaging and radiation therapy for diagnostic and therapeutic purposes while under the supervision of a licensed practitioner of the healing arts.

Section 1. Applicability. A licensee shall only perform medical imaging or radiation therapy for diagnostic medical imaging or therapeutic purposes while under the direct or indirect supervision as ~~established/specified~~ by a licensee's practice standards, by a licensee's scope of practice, or in the ACR-AAPM Technical Standard for the Management of the Use of Radiation in Fluoroscopic Procedures as listed in Section ~~4/3~~ of this administrative regulation.

Section 2. If a licensee's practice standards, a licensee's scope of practice, or the ACR-AAPM Technical Standard for the Management of the Use of Radiation in Fluoroscopic Procedures fails to ~~state/specify~~ who may provide direct or indirect supervision, a licensee shall only perform medical imaging or radiation therapy for diagnostic medical imaging or therapeutic purposes while under the direct or indirect supervision of a licensed practitioner of the healing arts.

Section 3. To ensure proper diagnosis and treatment of adverse events, a licensee shall only administer intravascular contrast media during medical imaging studies while ~~when~~ a licensed practitioner of the healing arts is immediately available:

- (1) In person; or
- (2) Virtually through real-time audio and video communications technology, and his or her designee shall be ~~is~~ immediately available in person. The designee, in addition to the medical imaging technologist or radiation therapist, shall be a licensed health care practitioner or provider whose scope of practice includes treatment of adverse events.

Section 4. Practice Standards. A licensee shall perform according to practice standards of the discipline for which the licensee holds a credential, as established by the American Society of Radiologic Technologists (ASRT), the American College of Radiology (ACR), the American Association of Physicists in Medicine (AAPM), and the Society of Nuclear Medicine and Molecular Imaging (SNMMI) and incorporated by reference. These standards shall include the:

- (1) ~~The~~ ASRT Practice Standards for Medical Imaging and Radiation Therapy – Radiography;
- (2) Nuclear Medicine Technologist Scope of Practice and Performance Standards;
- (3) Scope of Practice for the Nuclear Medicine Advanced Associate;
- (4) ~~The~~ ASRT Practice Standards for Medical Imaging and Radiation Therapy – Radiation Therapy;

- (5) ~~fThe~~ ASRT Practice Standards for Medical Imaging and Radiation Therapy – Bone Densitometry;
- (6) ~~fThe~~ ASRT Practice Standards for Medical Imaging and Radiation Therapy – Cardiac-Interventional and Vascular-Interventional Technology;
- (7) ~~fThe~~ ASRT Practice Standards for Medical Imaging and Radiation Therapy – Computed Tomography;
- (8) ~~fThe~~ ASRT Practice Standards for Medical Imaging and Radiation Therapy – Limited X-ray Machine Operator;
- (9) ~~fThe~~ ASRT Practice Standards for Medical Imaging and Radiation Therapy – Mammography;
- (10) ~~fThe~~ ASRT Practice Standards for Medical Imaging and Radiation Therapy – Radiologist Assistant;
- (11) ACR ASRT Joint-Policy Statement-Radiologist Assistant: Roles and Responsibilities;
- (12) ACR-AAPM Technical Standard for Management of the Use of Radiation in Fluoroscopic Procedures;
- (13) ~~fThe~~ American Registry of Radiologic Technologists' Standards~~[Code]~~ of Ethics; and
- (14) ~~fThe~~ Nuclear Medicine Technology Certification Board's Code of Ethics.

Section 5. ~~[Section 4.]~~ Incorporation by Reference.

- (1) The following material is incorporated by reference:
 - (a) "The ASRT Practice Standards for Medical Imaging and Radiation Therapy – Radiography", revised June ~~28, 2026~~~~f22, 2025~~~~[30, 2024]~~;
 - (b) "Nuclear Medicine Technologist Scope of Practice and Performance Standards", October ~~5, 2024~~~~[June 9, 2022]~~;
 - (c) "Scope of Practice for the Nuclear Medicine Advanced Associate", February 2025~~[created 2009]~~;
 - (d) "The ASRT Practice Standards for Medical Imaging and Radiation Therapy – Radiation Therapy", revised June ~~28, 2026~~~~f22, 2025~~~~[30, 2024]~~;
 - (e) "The ASRT Practice Standards for Medical Imaging and Radiation Therapy – Bone Densitometry", revised June ~~28, 2026~~~~f22, 2025~~~~[30, 2024]~~;
 - (f) "The ASRT Practice Standards for Medical Imaging and Radiation Therapy – Cardiac- Interventional and Vascular-Interventional Technology", revised June ~~28, 2026~~~~f22, 2025~~~~[30, 2024]~~;
 - (g) "The ASRT Practice Standards for Medical Imaging and Radiation Therapy – Computed Tomography", revised June ~~28, 2026~~~~f22, 2025~~~~[30, 2024]~~;
 - (h) "The ASRT Practice Standards for Medical Imaging and Radiation Therapy – Limited X-ray Machine Operator", revised June ~~28, 2026~~~~f22, 2025~~~~[30, 2024]~~;
 - (i) "The ASRT Practice Standards for Medical Imaging and Radiation Therapy – Mammography", revised June ~~28, 2026~~~~f22, 2025~~~~[30, 2024]~~;
 - (j) "The ASRT Practice Standards for Medical Imaging and Radiation Therapy – Radiologist Assistant", revised June ~~28, 2026~~~~f22, 2025~~~~[30, 2024]~~;
 - (k) "ACR ASRT Joint Policy Statement-Radiologist Assistant: Roles and Responsibilities", May 2003;
 - (l) "ACR-AAPM Technical Standard for Management of the Use of Radiation in Fluoroscopic Procedures", revised 2023;
 - (m) "The American Registry of Radiologic Technologists' Standards~~[Code]~~ of Ethics", (March 31, 2026~~September 1, 2025~~~~[2023]~~); and
 - (n) "The Nuclear Medicine Technology Certification Board's Code of Ethics", (November 15, 2017).

(2) This material may be inspected, copied, or obtained, subject to applicable copyright law, at:

(a) American Society of Radiologic Technologists, 15000 Central Ave. SE Albuquerque, NM 87123-3909, <https://www.asrt.org/main/standards-regulations/practice-standards/practice-standards>;

(b) Society for Nuclear Medicine and Molecular Imaging, 1850 Samuel Morse Drive Reston, Virginia 20190, <http://www.snmni.org>;

(c) The American Registry of Radiologic Technologists' Code of Ethics, 125 Northland Drive, Saint Paul, Minnesota 55120, ~~https://assets-us-01.kc-usercontent.com/406ac8c6-58e8-00b3-e3c1-0c312965deb2/9a769d60-98f4-4c8d-a006-c8478e5b6e04/ARRT_Standards_of_Ethics.pdf~~~~https://assets-us-01.kc-usercontent.com/406ac8c6-58e8-00b3-e3c1-0c312965deb2/e5152767-a1a7-4db8-b57b-fcf6ed2e65cb/ARRT_Standards_of_Ethics.pdf~~
~~<https://www.arrt.org/docs/default-source/Governing-Documents/code-of-ethics.pdf?sfvrsn=10>~~;

(d) The Nuclear Medicine Technology Certification Board, 3558 Habersham at Northlake, Building I, Tucker, Georgia 30084, <https://www.nmtcb.org/policies/ethics.php>; or

(e) The Board of Medical Imaging and Radiation Therapy, 2365 Harrodsburg Road, Suite A220, Lexington, Kentucky 40504, Monday through Friday, 8:00 a.m. to 4:30 p.m.

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