

SECOND REGULAR SESSION

# HOUSE BILL NO. 2431

100TH GENERAL ASSEMBLY

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INTRODUCED BY REPRESENTATIVE SWAN.

5242H.021

DANA RADEMAN MILLER, Chief Clerk

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## AN ACT

To amend chapter 334, RSMo, by adding thereto two new sections relating to radiologic licensure.

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*Be it enacted by the General Assembly of the state of Missouri, as follows:*

Section A. Chapter 334, RSMo, is amended by adding thereto two new sections, to be known as sections 334.1000 and 334.1005, to read as follows:

**334.1000. As used in sections 334.1000 and 334.1005, the following terms mean:**

- 2       **(1) "Advisory committee", the Missouri radiologic imaging and radiation**  
3 **therapy advisory committee;**
- 4       **(2) "Board", the state board of registration for the healing arts;**
- 5       **(3) "Certification organization", an organization that specializes in the**  
6 **certification and registration of radiologic imaging or radiation therapy technical**  
7 **personnel that is accredited by the National Commission for Certifying Agencies, the**  
8 **American National Standards Institute, the International Organization for**  
9 **Standardization, or other accreditation organizations recognized by the board;**
- 10       **(4) "Ionizing radiation", radiation that may consist of alpha particles, beta**  
11 **particles, gamma rays, x-rays, neutrons, high-speed electrons, high-speed protons, or**  
12 **other particles capable of producing ions. "Ionizing radiation" does not include**  
13 **nonionizing radiation, such as radio frequency or microwaves, visible infrared or**  
14 **ultraviolet light, or ultrasound;**
- 15       **(5) "Licensed practitioner", a person licensed to practice medicine, chiropractic,**  
16 **podiatry, or dentistry in this state with education and specialist training in the medical**  
17 **or dental use of radiation who is deemed competent to independently perform or**  
18 **supervise radiologic imaging or radiation therapy procedures by his or her respective**  
19 **state licensure board;**

20 (6) "Limited x-ray machine operator", a person who is licensed to perform only  
21 x-ray procedures not involving the administration or utilization of contrast media on  
22 selected specific parts of human anatomy under the supervision of a licensed  
23 practitioner;

24 (7) "Nuclear medicine technologist", a person who is licensed to perform a  
25 variety of nuclear medicine and molecular imaging procedures using sealed and  
26 unsealed radiation sources, ionizing radiation, adjunctive medicine and  
27 pharmaceuticals associated with nuclear medicine procedures, and therapeutic  
28 procedures using unsealed radioactive sources;

29 (8) "Radiation therapist", a person who is licensed to administer ionizing  
30 radiation to human beings for therapeutic purposes;

31 (9) "Radiation therapy", the use of ionizing radiation for the purpose of  
32 treating disease;

33 (10) "Radiographer", a person who is licensed to perform a comprehensive set  
34 of diagnostic radiographic procedures using external ionizing radiation to produce  
35 radiographic, fluoroscopic, or digital images;

36 (11) "Radiologic imaging", any procedure or article intended for use in the  
37 diagnosis or visualization of disease or other medical conditions in human beings  
38 including, but not limited to, computed tomography, fluoroscopy, nuclear medicine,  
39 radiography, and other procedures using ionizing radiation;

40 (12) "Radiologist", a physician licensed in this state and certified by or board-  
41 eligible to be certified by the American Board of Radiology, the American Osteopathic  
42 Board of Radiology, the British Royal College of Radiology, or the Canadian College of  
43 Physicians and Surgeons in that medical specialty;

44 (13) "Radiologist assistant", a person who is licensed to perform a variety of  
45 activities under the supervision of a radiologist in the areas of patient care, patient  
46 management, radiologic imaging, or interventional procedures guided by radiologic  
47 imaging, and who does not interpret images, render diagnoses, or prescribe medications  
48 or therapies.

334.1005. After January 1, 2021, no person shall perform radiologic imaging or  
2 radiation therapy procedures on humans for diagnostic or therapeutic purposes, except  
3 for persons licensed as follows:

4 (1) Limited x-ray machine operators;

5 (2) Nuclear medical technologists;

6 (3) Radiation therapists;

7 (4) Radiographers;

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8        **(5) Radiologists; or**  
9        **(6) Radiologist assistants.**  
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