

**California Code of Regulations  
Title 17. Public Health  
Division 1. Department of Health Services  
Chapter 5. Sanitation  
Subchapter 4.5. Radiologic Technology  
Group 1. Administration  
Article 1. Definitions**

Amend Section 30400 to read as follows:

**§ 30400. Definitions.**

(a) *No Change to Text.*

(1) through (16) *No Change to Text.*

(17) “DEXA” means dual energy X-ray absorptiometry.

~~(1718)~~ *No Change to Text.*

~~(1819)~~ *No Change to Text.*

~~(1920)~~ *No Change to Text.*

(21) “Dual Energy X-ray Absorptiometry” means a radiologic examination of all or part of the skeleton or body, utilizing X-rays from an X-ray source which is mechanically joined to a detector for scanning all or part of the skeleton or body under computer control, to measure bone density or total and regional whole body fat and lean tissue mass.

~~(2022)~~ *No Change to Text.*

~~(2123)~~ *No Change to Text.*

~~(2224)~~ *No Change to Text.*

~~(2325)~~ *No Change to Text.*

~~(2426)~~ *No Change to Text.*

~~(2527)~~ *No Change to Text.*

~~(2628)~~ *No Change to Text.*

~~(2729)~~ *No Change to Text.*

~~(2830)~~ *No Change to Text.*

~~(2931)~~ *No Change to Text.*

- (~~3032~~)                      *No Change to Text.*  
(~~3133~~)                      *No Change to Text.*  
(~~3234~~)                      *No Change to Text.*  
(~~3335~~)                      *No Change to Text.*  
(~~3436~~)                      *No Change to Text.*  
(~~3537~~)                      *No Change to Text.*  
(~~3638~~)                      *No Change to Text.*  
(~~3739~~)                      *No Change to Text.*  
(~~3840~~)                      *No Change to Text.*  
(~~3941~~)                      *No Change to Text.*  
(~~4042~~)                      *No Change to Text.*  
(~~4143~~)                      *No Change to Text.*  
(~~4244~~)                      *No Change to Text.*

(~~43~~) “~~X-ray bone densitometry~~” means a radiologic examination of all or part of the skeleton, utilizing X-rays from an X-ray source which is mechanically joined to a detector for scanning all or part of the skeleton under computer control.

- (~~4445~~)                      *No Change to Text.*

Note: Authority cited: Sections 114870(a) and 131200, Health and Safety Code.  
Reference: Sections 106990, 114850, 114870, 131050, 131051 and 131052, Health and Safety Code.

**Group 2. Training of Students of Radiologic Technology**  
**Article 1. General**

Amend Section 30413 to read as follows:

**§ 30413. Complete School Approval Application.**

(a) An application submitted for compliance with section 30412 shall be considered acceptable if the application contains the following:

- (1) through (3)              *No change to text.*

(4) An attestation that curricula meet the requirements of sections 30421, 30422, 30423, 30424, 30425, or ~~30427.2~~30427, as applicable.

(5) through (8)      *No change to text.*

Note: Authority cited: Sections 114870 and 131200, Health and Safety Code.  
Reference: Section 107035, 107045, 107055, 114870, 131050, 131051 and 131052, Health and Safety Code.

Amend Section 30417 to read as follows:

**§ 30417. Student Supervision at Clinical Sites.**

(a) through (d)      *No change to text.*

(e) Students in an approved limited permit X-ray technician school teaching the category of ~~X-ray bone densitometry~~DEXA, when operating X-ray equipment, shall be under direct oversight at all times.

(f) and (g)          *No change to text.*

Note: Authority cited: Sections 114870(a) and 131200, Health and Safety Code.  
Reference: Section 114870, 131050, 131051 and 131052, Health and Safety Code.

Amend Section 30418 to read as follows:

**§ 30418. Faculty Requirements and Qualifications.**

(a) through (c)      *No change to text.*

(d) Approved schools shall ensure that instructors providing instruction specified in those sections identified in subsection (d)(1) meet the criteria specified in subsection (d)(2):

(1) Sections 30421(a), 30422(a), 30423(b), (c), and (f)(1), 30424(a)(1) through (a)(5), 30425(a)(1) through (a)(3), or ~~30427.2~~30427 (a) and (b); and

(2)                      *No change to text.*

(e)                      *No change to text.*

Note: Authority cited: Sections 114870(a) and 131200, Health and Safety Code.  
Reference: Sections 114870(a), 131050, 131051 and 131052, Health and Safety Code.

Amend Section 30419 to read as follows:

**§ 30419. Program Director, Clinical Coordinator and Instructor Responsibilities.**

(a) through (b) *No change to text.*

(c) Didactic instructors required pursuant to section 30418~~(c)~~(d) shall be responsible for:

(1) through (5) *No change to text.*

Note: Authority cited: Sections 114870(a) and 131200, Health and Safety Code.  
Reference: Sections 114870(a), 131050, 131051 and 131052, Health and Safety Code.

Amend Section 30419 to read as follows:

**§ 30420. Radiation Protection Program.**

(a) Each approved school shall develop, document and implement a radiation protection program (RPP) commensurate with the scope and extent of the school's activities that will ensure compliance with subchapter 4.0 (commencing at section 30100) of this chapter. As part of the RPP, the school shall:

(1) through (3) *No change to text.*

(4) Investigate, perform an analysis, and take corrective action to prevent future occurrences of radiation exposure to a student exceeding any of the following:

(A) *No change to text.*

(B) Investigational levels established pursuant to subsection ~~(b)(5)(a)(5)~~;

(5) Establish investigational levels to monitor student radiation exposures that when exceeded, will initiate a review or investigation by the RSO. The methodology or reasons for the established levels and actions that will be taken by the RSO when the levels are exceeded shall be documented and maintained for inspection. The investigational levels and actions that will be taken by the RSO to maintain student

exposure as low as reasonably achievable shall be documented and provided to students.

(6) through (8)      *No change to text.*

(b)                      *No change to text.*

Note: Authority cited: Sections 114870 and 131200, Health and Safety Code.  
 Reference: Sections 107045, 114870(d), 131050, 131051 and 131052, Health and Safety Code.

**Group 2. Training of Students of Radiologic Technology**  
**Article 4. Limited Permit X-Ray Technician Schools.**

Redesignate Section 30427.2 to Section 30427 and Amend to read as follows:

**§ ~~30427.2~~30427. Limited Permit X-Ray Technician Schools Teaching the X-Ray Bone Densitometry DEXA Category.**

Approved limited permit X-ray technician schools teaching the ~~X-ray bone densitometry~~DEXA category shall require that each student who graduates from the school complete the following educational program within two months of beginning the program. However, the program may not be less than three days:

(a) Eighteen (18) hours of formal classroom education consisting of the following:

| <i>Subject</i>  | <i>Hours of Instruction</i> |
|---|-----------------------------|
| (1) Radiation physics, biology, and protection                          | 3                           |
| (2) Bone biology, bone disease and therapy, and densitometry parameters | 3                           |
| (3) <del>X-ray bone densitometry</del> <u>DEXA</u> equipment            | 4                           |
| (4) Computers and image formation                                       | 3                           |
| (5) Anatomy and positioning   | 4                           |
| (6) Ethics and patient handling   | 1                           |

(b) through (c)      *No Change to Text.*

Note: Authority cited: Sections 114870(a) and 131200, Health and Safety Code.  
Reference: Sections 106975, 107045, 114850, 114870(c) 114870(d), 114880, 131050,  
131051 and 131052, Health and Safety Code.

**Group 2. Training of Students of Radiologic Technology**  
**Article 5. Notification**

Amend Section 30435 to read as follows:

**§ 30435. Notification Requirements.**

Within 30 days after any of the following, an official of an approved school shall, in writing, inform the Department of:

(a) *No change to text.*

(b) Change in course offerings, only if the changes result in the school curricula no longer meeting the requirements contained in sections 30421, 30422, 30423, 30424, 30425, or ~~30427~~230427, as applicable.

(c) through (f) *No change to text.*

Note: Authority cited: Sections 114870(a) and 131200, Health and Safety Code.  
Reference: Sections 114870, 131050, 131051 and 131052, Health and Safety Code.

**Group 3. Certificates for Radiologic Technologists and Permits for Limited Permit X-ray Technicians**  
**Article 2. Permits for Limited Permit X-Ray Technicians**

Amend Section 30442 to read as follows:

**§ 30442. Limited Permit Categories.**

The categories for limited permits are:

(a) through (f) *No Change to Text.*

(g) ~~X-ray bone densitometry~~DEXA.

Limited Permit X-ray Bone Densitometry Category – Whole Body Composition  
Procedures & Terminology Change  
DPH-15-012  
June 10, 2016

Note: Authority cited: Sections 114870(a) and 131200, Health and Safety Code.  
Reference: Sections 114870(c), 131050, 131051 and 131052, Health and Safety Code.

Amend Section 30443 to read as follows:

**§ 30443. Limited Permit Scopes.**

Subject to the restrictions specified in section 30447, the scope of each limited permit is as follows:

(a) through (f) *No Change to Text.*

(g) ~~X-ray bone densitometry~~DEXA permit: radiography of the total skeleton or body or part thereof, using ~~X-ray bone densitometry~~DEXA.

Note: Authority cited: Sections 114870(a) and 131200, Health and Safety Code.  
Reference: Sections 114870(c), 131050, 131051 and 131052, Health and Safety Code.

Amend Section 30447 to read as follows:

**§ 30447. Restrictions.**

(a) *No Change to Text.*

(b) Exclusions listed in subsections (a)(2) and (a)(6) shall not apply to individuals who possess a current and valid limited permit in ~~X-ray Bone Densitometry~~DEXA, issued pursuant to section 30444.

(c) through (d) *No Change to Text.*

Note: Authority cited: Sections 114870(a), ~~131050, 131051~~ and 131200, Health and Safety Code. Reference: Sections 106965, 106975, 114845, 114850, 114870(c), ~~and 114880, 131050, 131051 and 131052,~~ Health and Safety Code.

Amend Section 30461 to read as follows:

**§ 30461. Licentiate Permits and Scope of Permits.**

(a) The permit categories for licentiates of the healing arts are:

(1) through (4) *No Change to Text.*

(b) through (d) *No Change to Text.*

(e) Subject to subsection (f), an~~An~~ X-ray bone densitometry supervisor and operator permit authorizes a licensed physician and surgeon, as limited by section 30467, to:

(1) *No Change to Text.*

(2) Supervise the use of a registered XBD that meets the criteria specified in section 30467(a)(1) through (a)(3) and for which the holder has completed the training requirement specified in section 30466(a)(5)(C) by:

(A) Certified diagnostic radiologic technologists;

(B) XT's who hold a limited permit in the ~~X-ray bone densitometry~~DEXA permit category as defined in section 30443 and as restricted by section 30447; or

(C) Students in an approved school when the student is operating a registered XBD or DEXA machine.

(f) Authorization specified in subsection (e) may not be construed to authorize the use or supervision of an XBD or DEXA machine for purposes of measuring total or regional whole body fat and lean tissue mass. The permit holder may use or supervise the use of an XBD or DEXA machine only in accordance with section 30467(a)(1) through (a)(3).

Note: Authority cited: Sections 114870(a) and 131200, Health and Safety Code.  
Reference: Sections 114870(e), 131050, 131051 and 131052, Health and Safety Code.