



RON CHAPMAN, MD, MPH
Director & State Health Officer

State of California—Health and Human Services Agency
California Department of Public Health



EDMUND G. BROWN JR.
Governor

**INFORMATION NOTICE
FLUOROSCOPY EXAMINATION PREPARATION**

On January 1, 2013, The American Registry of Radiologic Technologists (ARRT) began administration of a newly developed fluoroscopy examination. This examination is administered to California candidates who are required to take CDPH-approved examinations to obtain either (1) a Radiologic Technologist Fluoroscopy Permit, (2) a Fluoroscopy Supervisor and Operator Permit or (3) a Physician Assistants Fluoroscopy Permit.

PREPARING FOR THE FLUOROSCOPY EXAMINATION

Major content areas of the fluoroscopy examination are:

CONTENT CATEGORY	PERCENT OF TEST	NUMBER OF QUESTIONS
A. Radiation Biology and Physics	24%	22
B. Exposure Reduction	27%	24
C. Equipment Operation	24%	22
D. Image Evaluation, Quality Control, & Patient Considerations	25%	22
TOTAL	100%	90

CANDIDATE EXAMINATION PREPARATION MATERIALS

The following resources will guide you in preparation to take the fluoroscopy examination:

- 1) The ARRT's [*Content Specifications for the Fluoroscopy Examination*](#) with a detailed listing of the topics included on the examination is available on the CDPH-RHB website. Candidates should make certain that they have a working knowledge of all of the content listed in the ARRT's *Content Specifications for the Fluoroscopy Examination*.
- 2) The American Society of Radiologic Technologists (ASRT) publishes online modules and directed readings related to fluoroscopy. These educational materials are available for purchase through the [ASRT website at http://www.asrt.org/promotions/california-fluoroscopy-license](http://www.asrt.org/promotions/california-fluoroscopy-license).
- 3) Some examination content is referenced to the *National Council on Radiation Protection and Measurement Reports* and *Title 21 Code of Federal Regulations*, the U.S. Food and Drug Administrations' regulations pertaining to X-ray machine standards.

Here are some suggestions for preparing for the examination:

1. Download the ARRT's *Content Specifications for the Fluoroscopy Examination* from the ARRT website. This outline lists all of the topics that may be included on the examination.
2. Make sure that your study materials include all of the topics listed in the ARRT's *Content Specifications for the Fluoroscopy Examination*.
3. Make yourself familiar with all of the terms and abbreviations on the ARRT's *Content Specifications for the Fluoroscopy Examination*.

Note: Previous fluoroscopy examinations referenced the *California Syllabus on Fluoroscopy Radiation Protection* (which is no longer available). If using the *Syllabus* as a study guide you will find that the *Syllabus* does not cover content in the examination. For example, Section D.1 and D.3 of the *Content Specifications* covers digital content that is not covered in the *Syllabus*. Also, Section D.4 of the *Content Specifications* covers modern regulations and patient care considerations that are not covered in the *Syllabus*. Some examination content is referenced to the *National Council on Radiation Protection and Measurement Reports*, and *Title 21 Code of Federal Regulations*, the U.S. Food and Drug Administrations' regulations pertaining to X-ray machine standards.

CONTACT INFORMATION

For additional information regarding this notice, please contact Marilyn Cantrell, Senior Health Physicist, Certification Unit at Marilyn.Cantrell@cdph.ca.gov.