



Requirements for Physicians (non-radiologists) who Energize Fluoroscopic Equipment

If you intend to use (energize) fluoroscopic equipment as part of your practice of medicine in the hospital, the State of Maryland requires that you first demonstrate your competency to do so. (*COMAR 26.12.01.01, Supplement 12, Section F.5.L*) There is both an initial competency requirement and an ongoing competency requirement. Accordingly, Washington Adventist Hospital requires that you apply for the privilege to energize or direct the use of fluoroscopy systems and show that you have met the State's requirements.

If you have demonstrated fluoroscopy competency at another hospital or institution, you may submit documentation for evaluation by our credentials committee. Please note that this documentation must be a certificate or a letter on the institution letterhead with date of exam and that you have passed.

I. Initial Competency

Initial competency in fluoroscopy is demonstrated through completion of at least four hours of training in either your residency or CME coursework covering the following elements:

1. Biological effects of x-ray
2. Principles of radiation protection
3. Factors affecting fluoroscopic outputs
4. Dose reduction techniques
5. Principles and operation of specific fluoroscopic x-ray system(s) to be used
6. Fluoroscopic and fluorographic outputs of each mode of operation on the system(s) to be used
7. Applicable requirements of these regulations.

You may obtain training by going to <http://www.adventisthealthcare.com/professionals/> and clicking on Initial Fluoroscopy Training. Please return your exam with your application.

II. Ongoing Competency

Ongoing competency is demonstrated through the completion of one hour of CME training every twenty-four months that covers fluoroscopic radiation safety and patient dose management. If you have previously demonstrated initial competency and only require one-hour of CME to demonstrate ongoing competency, the hospital accepts the “*Fluoroscopy Refresher Course*” from the Radiation Safety Academy. For a fee of \$47, the course can be taken online at the website below. After successful completion, print out your certificate and bring it to the medical staff office along with your appointment or reappointment application.

<http://www.radtrainonline.com/courses/default.asp#>

[If you have any technical difficulties please contact Dade Moeller & Associates, Inc. 301-990-6006 x16](#)

The Fluoroscopy Refresher Course appears under the heading of Radiation Worker Refresher Training.