

**Information Notice Number 31
(March 2009)**

For Florida Radiation Machine Registrants

Department of Health, Bureau of Radiation Control

ELECTRONIC BRACHYTHERAPY

A new Chapter 64E-5, Part XVI, Florida Administrative Code (FAC), entitled Electronic Brachytherapy, was adopted on March 12, 2009. Electronic brachytherapy is a method of radiation therapy using electrically-generated x-rays to deliver a radiation dose at a distance of up to a few centimeters by intracavitary, intraluminal or interstitial application, or by applications with the source in contact with the body surface or very close to the body surface. The new regulations are similar to those for radioactive material-based, high-dose-rate brachytherapy (HDR) and include:

- Qualifications and responsibilities of the Authorized User, Visiting Authorized User, Authorized Medical Physicist, Authorized Operator and the Radiation Safety Officer.
- Requirements for surveys, dosimetry systems and survey instruments.
- Specifications for the Quality Management Program, operating procedures, calibrations, treatment planning systems and spot checks.
- Radiation machines must be registered with the Bureau of Radiation Control within thirty days of installation by a registered vendor. Radiation machines cannot be operated until they are registered.
- Federal manufacturing requirements, regulations from other states, and statements by manufacturers do not exempt radiation machines registrants or users from the registration, performance, and safety requirements specified by Chapter 64E-5, FAC.

If you have questions or need guidance about Chapter 64E-5, FAC or electronic brachytherapy machines, please contact:

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