

Clinical Research Center (CRC) Radioactive Materials Policy

It is the goal of the Radiation Safety Program at UIC to permit utilization of radiation in a manner that will ensure the safety of all persons. To this end, UIC has appointed a Radiation Safety Committee to establish operating practices and policies for the use of radioactive materials.

Authorization of Use of Radioactive Isotopes in the CRC

All researchers wanting to use radioactive materials must be certified by Radiology / Nuclear Medicine and the Radiation Safety Office before radiation can be ordered and patients can be scheduled in the CRC. The use of radioactive materials at UIC is strictly controlled. All individuals desiring to use any radioactive isotopes must have prior authorization from the Radiology/Nuclear Medicine (human use) and the Radiation Safety Office before such materials are acquired. Application for authorization may be made through Radiology/Nuclear Medicine (human use only) and the Radiation Safety Office.

Registration of Instruments and Machines Producing Ionizing Radiation

All machines that produce ionizing radiation or instruments that will be used with radioactive materials must be certified and registered with the UIC Radiation Safety Office. When an ionizing radiation producing device is to be obtained, the Radiation Safety Office (6-7429) must be notified for further details of registration.

Publication of Safety Guidelines

The UIC Radiation Safety Committee has prepared a Radiation Safety Manual as a guide toward achievement of safety in the utilization of radiation. The manual describes general procedures that apply specifically to UIC researchers. The manual is available at the UIC Radiation Safety Office (6-7429).

Training

Training related to risk assessment, safe radiation laboratory practices, and specific procedures used at UIC is available through the Radiation Safety Office. **Contact Radiology/Nuclear Medicine (6-3965), and the Radiation Safety Office (6-7429) for more information or for any other questions.**

Procedure for the Use of Radioactive Materials

1. The principal investigator is responsible for adherence to UIC and CRC policies for human use of radioactive materials.
2. The principal investigator **MUST** provide a list of personnel that will be using radioactive materials in humans.
3. The principal investigator **MUST** have day-to-day radiation protocol procedures on file in the CRC, corresponding to the approved CRC research protocol.
4. The principal investigator **MUST** document that personnel using radioactive materials in human subjects:
 - A. Are listed on the project list in Radiology/Nuclear Medicine (6-3965).
 - B. Have read project authorization documents in Radiology/Nuclear Medicine.
 - C. Have gone through the Radiation Safety training course to become a certified user of radioactive materials.