

LEAD X-RAY TECHNOLOGIST (NUCLEAR MEDICINE)

DISTINGUISHING FEATURES OF THE CLASS: Under general supervision, an incumbent of this class is responsible for advanced technical work involving the application of radio-nuclides to various designated portions of the body to assist physicians in the detection, diagnosis and treatment of diseases and abnormalities. Work involves the proper positioning of patients, the maintenance and adjustment of nuclear equipment, and the maintenance of radiographic files for a prescribed period. The Lead Technologist is distinguished from the Senior Technologist in that incumbents must possess specialized training and previous experience in the performance of special nuclear procedures, including keeping abreast of developments of the various types of highly sophisticated equipment involved. Partial supervision may be exercised over X-Ray Technicians, non-professional and clerical support staff in the way of quality control of work, and providing technical assistance. Does related work as required.

EXAMPLES OF WORK: (Illustrative Only)

Positions and instructs patients in preparation for the application of radio nuclides using specialized equipment and procedures;

Adjusts nuclear equipment to correct setting for each examination as prescribed by the attending physician;

Handles emergency situations;

Reviews the darkroom processing of nuclear studies;

Prepares and maintains records and files of procedures;

Purges outdated files, as directed;

Troubleshoots equipment failure, makes repairs where possible;

Insures equipment is functioning properly on a continuous basis;

Requisitions supplies, as needed;

Consults with referring physicians as required;

Provides training and technical direction to lower level technicians and nurses in nuclear procedures and processes;

Establishes and maintains effective relationships with medical and nursing staff to insure adequate and timely servicing of patients;

May be requested to assist in the development of techniques for procedures;

May assist in the use of a variety of equipment and procedures not routinely employed;

Participates in continuing education programs in Nuclear Medicine Technology.

REQUIRED KNOWLEDGE, SKILLS, ABILITIES AND ATTRIBUTES: Thorough knowledge of the modern procedures used in the performance of nuclear medicine examinations for diagnostic purposes; good knowledge of the operation of all types of nuclear equipment; good knowledge of human anatomy; good knowledge of the required safety precautions in the operation and use of equipment; skill in the operation and minor repair of complex nuclear equipment; ability to understand and carry out complex oral and written directions; ability to direct and instruct others; ability to handle sick and injured patients properly; thoroughness; reliability; good judgment; physical condition commensurate with the demands of the position.

MINIMUM ACCEPTABLE TRAINING AND EXPERIENCE: Must possess certification and maintain current registration with either the American Registry of Radiologic Technologists (ARRT) or the Nuclear Medicine Technology Certification Board as a Nuclear Medicine Technologist; and two years experience in a hospital X-Ray department or a private radiological laboratory performing diagnostic work using radio nuclides.

*SPECIAL NOTE: Education beyond the secondary level must be from an institution recognized or accredited by the Board of Regents of the New York State Department of Education as a post-secondary, degree-granting institution.