

SENIOR LABORATORY TECHNICIAN (II-UROLOGY)

DISTINGUISHING FEATURES OF THE CLASS: Under the direction of a urologist, an incumbent in this class is responsible for performing specialized urodynamic and urology procedures. Incumbents perform invasive techniques and operate equipment in order to monitor the dynamics of the urinary tract. Work involves the administration of voiding electromyography, voiding cystometrography, intrabdominal and vesical pressures with or without simultaneous recordings of electromyography. These are monitored by using computerized technological equipment, and is often performed in conjunction with video and fluoroscopy. Supervision is not a responsibility of this class. Does related work as required.

EXAMPLES OF WORK: (Illustrative Only)

Performs urodynamic procedures, such as inserting urethral catheter to monitor vesical pressure, rectal transducer to monitor intrabdominal pressure, and places electromyography needles and/or patch electrodes to urethral or perineal area;

Prepares patients for urodynamic and/or urological procedures by peri-operative teaching to ensure they are informed and cooperative. Discusses patient's condition with patient's physician to ascertain any particular limitations which could alter the performance of the procedures planned;

Operates up to six channels of urodynamic instrumentation and correlates the neuromuscular activity with the vesical and intrabdominal pressures to determine complex urological abnormalities;

Records all aspects of individual urodynamic procedures to ensure diagnosis of abnormalities. This includes but is not limited to uroflowmetry, post-void residuals, cystometrography, and urethral pressure profiles;

Records, cuts and mount all tracings, transferring information to patient's chart;

Maintains an adequate store of supplies used in the Urolab and requisitions new supplies when inventory runs low;

Troubleshoots all equipment in the Urolab, makes minor repairs and performs routine maintenance to ensure proper operation; informs Biomedical Engineering staff of equipment failure, and conducts follow-up on maintenance and repairs;

Performs regular quality control inspections of equipment using appropriate equipment as recommended by the manufacturer;

Instructs students, interns, residents and other staff in the procedures and techniques for the above mentioned procedures;

Attends meetings, conferences and seminars to remain current in the field of urology;

Performs related technical and administrative support duties to ensure the smooth and effective operation of the Urolab.

REQUIRED KNOWLEDGE, SKILLS, ABILITIES AND ATTRIBUTES: Thorough knowledge of modern techniques and procedures used in urodynamics testing; thorough knowledge of all types of urological procedures; thorough knowledge of all aspects of sterilization and disinfecting techniques; skill in the operation of standard and special laboratory and radiological equipment; ability to understand and explain medical terminology; ability to work well under stressful conditions; ability to understand, follow and convey complex technical instruction; ability to operate, adjust, maintain and troubleshoot various types of urologic/urodynamic equipment; ability to understand and carry out the precise limits and standards of urologic/urodynamic procedures; ability to communicate clearly; ability to circulate in the operating room and assist urologists and nursing staff; ability to train others; accuracy; thoroughness; tact; dependability; compassion; initiative; good motor coordination and manual dexterity; physical condition commensurate with the demands of the position.

MINIMUM ACCEPTABLE TRAINING AND EXPERIENCE: Certification as a Certified Urologic Associate issued by the Certification Board of Urologic Nurses and Associates and two years experience working in a urological setting under the supervision of a urologist performing invasive procedures such as urethral catheterization.

*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 Education Department as a post-secondary, degree-granting institution.