

SENIOR MEDICAL TECHNOLOGIST (ANATOMIC PATHOLOGY)

DISTINGUISHING FEATURES OF THE CLASS: Under general supervision, an incumbent of this class is responsible for performing specialized, technical cytologic analyses of specimens leading to the diagnosis and treatment of diseases. Responsibility also involves ensuring the receipt, recording, grouping and labeling of specimens and the communication of test results to the attending physician. Work involves shift assignment and weekend rotation. May function as a lead technologist in providing technical expertise and guidance in the area of specialization over lower level technicians. Does related work as required.

EXAMPLES OF WORK: (Illustrative Only)

Screens preparations, evaluates cytologic features of malignancy and marks appropriate areas on slides for review;

Observes slides for features of infections and other pathologic processes including malignancy;

Confers with attending pathologists on the significance of findings;

Prepares various types of specialized techniques and stains in Histopathology and Cytopathology including (but not limited to) preparation of paraffin sections and frozen sections, following appropriate fixation and processing of tissue blocks;

Prepares cytologic slides by routine process, centrifuge, microcentrifuge, cell block preparations, cytospin, millipore filter and Saccomono sputum techniques; stains of slide preparation by classical cytologic techniques (using organic dye and heavy metal precipitations, histochemical and cytochemical techniques);

Selects appropriate control tissue specimens to perform in parallel with all the above methods;

Assists physicians, particularly radiologists, in special procedures such as FNA (fine needle aspiration) Biopsies;

Reviews the work of technicians, providing them with instruction, professional guidance and expertise in the area of specialization;

Assists in monitoring the operation of the lab, ensuring adequate coverage on the assigned shift;

Maintains inventory of required reagents and supplies in the laboratory and oversees preventive maintenance of all equipment;

Operates automated or specialized equipment and provides instruction as needed;

Confers with attending, resident pathologists and other clinicians on slide preparations and ensures that specimens are handled appropriately, in keeping with the degree of medical urgency, and that the production schedule of the laboratory is maintained in a timely and efficient manner;

EXAMPLES OF WORK: (Illustrative Only) (Cont'd.)

Provides technical assistance in the development of new procedures in cytopathology;

Performs feasibility studies in setting up new procedures;

Implements quality control measures, documenting remedial action taken for detected deficiencies and defects;

Ensures the proper preparing, storing, dispensing and periodic evaluation of all solid and liquid reagents to assure the accuracy and precision of test results;

Provides training and evaluation for new technologists, technicians and resident physicians in the area of specialization;

Keeps abreast of developments of new techniques or improvements in published or existing methods;

Compiles workload and productivity statistics for the anatomic pathology laboratory;

May conduct lectures and conferences on interesting cytopathological cases;

Attends workshops, conferences and meetings;

Uses computer applications or other automated systems, such as spreadsheets, word processing, calendar, email and database software in performing work assignments;

Accesses protected health information (PHI) in accordance with departmental assignments and guidelines defining levels of access (i.e. incidental vs. extensive);

May perform other incidental tasks, as needed;

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND ATTRIBUTES: Good knowledge of the principles, techniques, procedures, instrumentation and safety precautions in the field of medical technology; good knowledge of normal and abnormal histology and cytomorphology; skill in the operation, calibration, troubleshooting and routine maintenance of modern laboratory equipment and instrumentation, including automated tissue processing and slide staining; ability to detect and investigate problems, and make evaluations, supported by experimental evidence; ability to understand, follow and explain medical and technical instruction; ability to provide technical consultation to physicians and nurses; ability to supervise and coordinate the work of others, and implement quality control standards; ability to read, write, speak, understand, and communicate in English sufficiently to perform the essential duties of the position; ability to use computer applications such as spreadsheets, word processing, e-mail and database software; dependability; accuracy; thoroughness; sound professional judgment; physical condition commensurate with the requirements of the position.

MINIMUM ACCEPTABLE TRAINING AND EXPERIENCE: Either: (a) at time of permanent appointment, possession of a license and current registration as a Clinical Laboratory Technologist issued by the New York State Education Department; or (b) at time of temporary appointment, possession of a limited permit as a Clinical Laboratory Technologist or restricted license to practice clinical laboratory technology at the Westchester Medical Center issued by the New York State Education Department.

NOTE: Employees are required to maintain valid licensure and current registration as required by the minimum qualifications throughout employment in this title.

*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.