

## SENIOR LABORATORY TECHNICIAN (I-ORTHOPEDICS)

DISTINGUISHING FEATURES OF THE CLASS: Under general supervision, an incumbent of this class is responsible for performing clinical support and patient care functions in the Division of Orthopedic Surgery. Incumbents apply casts, splints, and other orthopedic appliances to patients, ensuring proper fit and placement of all orthopedic devices; maintain traction configurations in compliance with physicians' orders; and assist orthopedic surgeons during procedures as needed. Supervision is not a responsibility of this class. This class is distinguished from the Patient Care Technician (Orthopedics) in that the Laboratory Technician (Orthopedics) must be certified as an Orthopedic Technologist by the National Board for Certification of Orthopedic Technologists and have additional orthopedic experience. Work is subject to shift assignment and emergency calls. Does related work as required.

### EXAMPLES OF WORK: (Illustrative Only)

Prepares and applies casts, splints, braces, and other orthopedic appliances to patients;

Ensures proper fit and placement of all orthopedic devices by using appropriate casting materials, padding, wrapping and molding techniques;

Obtains the proper traction apparatus and applies to patient beds and patient injuries;

Maintains traction configurations for injured patients in compliance with physicians' orders;

Orders surgical instruments needed for specific surgical procedures;

Prepares patients for surgery and other procedures;

Cleans, replenishes and sterilizes instruments and supplies;

Checks and prepares equipment necessary for procedures;

Conducts orthopedic assessments of patients to obtain a complete history of their injuries or abnormalities for use by the attending surgeon;

Assists with patient monitoring and testing during surgical procedures;

Performs other support service functions as needed.

REQUIRED KNOWLEDGE, SKILLS, ABILITIES AND ATTRIBUTES: Good knowledge of the standards of accepted patient care; good knowledge of the principles, practices and procedures for applying and removing casts, splints, braces, traction, and other orthopedic appliances; good knowledge of the various types of casting materials and when to use each one; working knowledge of the equipment, instruments, procedures and supplies used in an orthopedic surgical unit; knowledge of anatomy, physiology, orthopedic

REQUIRED KNOWLEDGE, SKILLS, ABILITIES AND ATTRIBUTES: (Cont'd.)

conditions, and diagnostic procedures; skill in nursing care techniques; skill in wrapping, padding and molding techniques; skill in interpersonal relationships; ability to function as a member of a team; ability to adequately record observations of patients in writing; good judgment; manual dexterity; thoroughness; tact; initiative; physical condition commensurate with the demands of the position.

MINIMUM ACCEPTABLE TRAINING AND EXPERIENCE: High school or equivalency diploma and either: (a) satisfactory completion of 60 college credits\* which included course work in biology, chemistry, nursing or other related science, and one year of experience in orthopedic casting, splinting and traction techniques in a health care facility; or (b) completion of an orthopedic technologist program recognized by the National Board for Certification of Orthopedic Technologists, and two years of patient care experience in a health care facility; or (c) three years patient care experience in a health care facility, two years of which must have primarily involved performing orthopedic techniques including casting, splinting, and traction.

SPECIAL REQUIREMENT: Certification by the National Board for Certification of Orthopedic Technologists as an Orthopedic Technologist at time of appointment.

\*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.