# ISSUED May, 2004

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# SUPERSEDES

# TITLE Andrology Technologist CLASSIFICATION GRADE 07

#  SPECIALTY GRADE 67

## BASIC FUNCTION AND RESPONSIBILITY

Perform a variety of procedures involving complex andrology-related procedures for the treatment of male and female infertility. Responsible for making critical, independent decisions that have a direct impact on the outcomes of the infertility treatment selection and treatment outcomes. Provide clinicians with technical expertise and information used to diagnose and treat infertility. Participate in on-call rotation for weekends and early weekday mornings. Perform the duties of the laboratory safety or quality control officer.

## CHARACTERISTIC DUTIES AND RESPONSIBILITIES

Perform highly complex enumerative, morphologic and biochemical andrology laboratory procedures for the diagnosis and treatment of male and female infertility. Isolate and prepare motile sperm for intrauterine or in vitro insemination according to written protocols. Perform sperm cryopreservation for patients at risk of reproductive impairment.

Maintain documentation of the steps performed in accomplishing motile sperm isolation for intrauterine or in vitro insemination and appropriate labeling of every vial and test tube used for sample processing.

Assist male infertility specialist with microsurgical testicular sperm aspiration. Evaluate aspirates/biopsies in the operating room during the surgery. Report observations to the surgeon during the surgery.

Maintain records of laboratory results and procedures.

Interact with patients and clinicians on a daily basis. Explain test results to patients and referring clinicians to facilitate formulation of treatment plans.

Participate in operation of client depositor and directed donor semen bank. Obtain patient consent for specimen cryopreservation and stored specimen disposition. Carry out the client depositor’s specimen disposition directive.

Monitor equipment performance, diagnose malfunctions and make repairs or initiate service requests. Calibrate and conduct routine maintenance of laboratory instrumentation. Maintain servicing records for lab accreditation.

Participate in all aspects of quality control, quality assurance and proficiency testing.

Requisition and maintain inventory of laboratory supplies, reagents, and other expendables.

Coordinate training for new employees and evaluate performance.

Perform data collection, data entry, record keeping and other tasks required for compliance with CLIA and accreditation by CAP and JCAHO.

Develop policies and procedures to optimize communication between the laboratory and clinics.

Review and recommend changes to the existing laboratory protocols.

Actively participate in laboratory meetings to discuss quality testing, workflow, efficiency strategies, problematic areas, and laboratory improvement.

Communicate any problems with equipment to the laboratory director.

Comply with the appropriate health and safety regulations and work rules.

Attend and participate in laboratory staff meetings and continuing education programs.

Coordinate the lab safety training of all staff members and/or continuing education programs and records CEU information.

Maintain effective working relationships with faculty, staff, students and the public.

### *In addition to the duties and responsibilities noted above, the position description must include statements from*[*UI Health Care Core Values (WECARE)*](https://uihc.org/mission-vision-and-core-values)*for Health Care positions or*[*Universal Competencies*](https://hr.uiowa.edu/careers/competencies/universal-competencies)*for all other positions.*

### SUPERVISION RECEIVED

Supervision is received from a designated official.

### SUPERVISION EXERCISED

Functional supervision is exercised over support staff.

## QUALIFICATIONS

A Bachelor’s degree in Biological Sciences, Medical Technology, Clinical Laboratory Sciences, a related scientific discipline, or an equivalent combination of education and experience is required.

Reasonable (1-3 years) experience performing clinical andrology laboratory procedures is required.

Excellent written and verbal communication skills are required.

Significant degree of eye-hand coordination and manual dexterity for manipulation of gametes and tissue under stereomicroscope or inverted microscope is required.

Academic knowledge of biology, chemistry and physiology is required.

Scheduling flexibility for weekend call and early morning rotation is required.

SPECIAL QUALIFICATIONS

Laboratory quality assurance protocols require employees to be non-smokers. The use of fragrances and/or aerosols when performing procedures is prohibited because it may adversely affect the success of the procedure.