

S.O.P. #: 600-16

SUBJECT: I. V. THERAPY TECHNICIAN

DIVISION: EMERGENCY MEDICAL SERVICES

Objective: To establish standards and guidelines for training and certification as an Intravenous Technician in Baltimore County.

Section 1: Program Requirements

- A. Must possess current certification as an Emergency Medical Technician-Basic (EMT-B).
- B. Must have company approval.
- C. Must attend all training sessions.
- D. Must successfully complete the didactic portion (to include a final examination) and demonstrate all applicable psychomotor skills to the instructor.
- E. Must successfully complete the final examination.
- F. Must attain clinical experience and successfully establish ten (10) IV's in clinical setting as determined by the Fire Rescue Academy.
- G. Must receive successful evaluation in a clinical setting.
- H. Must complete all recertification as outlined in Section 3 below.

Section 2: Training

- A. Intravenous Technician is conducted by the Fire Rescue Academy.
- B. Clinical Rotation
 1. Students must attend the clinical rotation as assigned by the Fire Rescue Academy.
 2. Students are expected to attend all scheduled clinical rotations. If a student is unable to attend a clinical rotation, the students shall contact the Fire Rescue Academy.
 3. Rules of conduct and behavior standards while attending clinical rotations shall be those outlined by the Fire Rescue Academy.
 4. Students attending clinical rotations shall be attired in either the Class B or Class C uniform. Uniforms shall be worn in conformance with the Baltimore County Fire Department uniform standards. Volunteer personnel shall wear the uniform in conformance with their company policy.
 5. After successful completion of the clinical experience, the student will receive a functional privileges letter and certification card from the Fire Rescue Academy. A copy of the functional privileges letter shall be sent to the student's Company Commander, or Senior Volunteer Station Officer and EMS District Officer.

Section 3: Certification

- A. Intravenous Technician Certification shall be valid for such a period consistent with the provider's Emergency Medical Technician-Basic (EMT-B) certification.
- B. An Intravenous Technician shall meet the below listed recertification procedures:
 1. Successfully complete twenty-four intravenous cannulations within the thirty-six month certification period.
 - a. Intravenous cannulations shall be documented on Form 616.
 - b. Forms 616's shall be forwarded to the Fire Rescue Academy fifteen days prior to EMT-B expiration (June 15th for a June 30th expiration and December 16th for a December 31st expiration).
 2. Complete an on-line continuing education program. The program will be available on sixty days prior to EMT-B expiration dates (May 1st for June expirations and November 1st for December expirations).

S.O.P. #: 600-16

SUBJECT: I.V. THERAPY TECHNICIAN

3. Successfully complete an on-line evaluation based upon the on-line orientation program. This evaluation will be automatically sent to the Fire Rescue Academy after completing the evaluation.
 4. Intravenous Technicians successfully meeting recertification requirements will be issued new Intravenous Technician cards.
- C. Intravenous Technicians who fail to complete the required number of intravenous cannulations shall be sent to a clinical site in order to achieve ten successful cannulations.

Section 4: Certification Maintenance

- A. Personnel hold the ranks of Probationary Emergency Medical Technician (PEMT), Emergency Medical Technician (EMT), and Emergency Medical Technician/Firefighters (EMT/FF) must maintain IV Technician status.