



MOBILE INTENSIVE CARE NURSE (MICN) TRAINING PROGRAM

I. AUTHORITY:

Health and Safety Code 1797.206.

II. APPLICATION:

This policy establishes the process for approving an education program preparing Registered Nurses (RNs) for authorization to function as MICNs in the Orange County Emergency Medical Services system.

III. DEFINITIONS:

"Advanced Life Support" or **"ALS"** means any definitive prehospital emergency medical care role approved by the OCEMS, in accordance with State regulations, which includes any of the specialized care services listed in Section 1797.52 of the Health and Safety Code.

"Base Hospital" or **"BH"** means a hospital which has been designated by and has contracted with the OCEMS to direct and provide medical control for an ALS service in the portion of the EMS area assigned to it by OCEMS.

"MICN Authorizing Examination" means an examination which is administered by OCEMS, designed to determine an individual's competence for authorization as an MICN.

"Mobile Intensive Care Nurse" means a Registered Nurse who has been authorized by the OCEMS Medical Director to issue instructions to ALS prehospital emergency medical care personnel within the Orange County EMS system, according to OCEMS policies and procedures.

IV. MICN EDUCATION REQUIREMENTS:

The purpose of an MICN training program shall be to prepare registered nurses to function as an MICN in Orange County.

- A. MICN training programs shall be approved by the OCEMS. Eligibility for approval shall be limited to programs conducted by the following:
 1. Base Hospitals, or
 2. Accredited universities and colleges.
 3. Private providers of education for registered nurses.

- B. Each MICN training program shall have a designated director who shall be a physician or registered nurse currently licensed in the State of California. The director shall have a minimum of one year's experience in academic or clinical education and a minimum of two (2) years' experience in ALS prehospital care within the last five (5) years. Duties of the director include, but are not limited to:
 1. Administration of the program.
 2. Review of course content and written and skills examinations.
 3. Review of principal instructor(s) qualifications, if applicable.
 4. Approval of all teaching staff and coordination of curriculum development.



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5. Assurance of education program compliance with this policy and other related laws and regulations; and
6. Signing all course completion records.

C. Each program shall have a principal instructor(s) who may also be the director, who shall:

1. Be a RN currently licensed in the State of California and currently authorized as an Orange County MICN.
2. Have a minimum of two (2) year's academic or clinical experience as an RN in ALS prehospital emergency medical care within the last five (5) years.
3. Participate in curriculum development, course coordination, and instruction.

V. EDUCATION PROGRAM APPROVAL REQUIREMENTS:

- A. An MICN training program which meets the eligibility requirements defined in this policy, seeking to qualify as an approved MICN training program shall submit a written request for MICN training program approval to OCEMS.
- B. OCEMS shall review the following:
 1. The name and qualifications of the director, and of the principal instructor(s).
 2. Evidence that the program meets all eligibility requirements.
 3. Course curriculum, objectives, outline and schedule.
 4. Sample of written examinations
 5. Sample of case-based radio scenarios and console simulations
- C. Program approval or disapproval shall be made in writing by OCEMS to the requesting education program within thirty (30) days of receipt of required documentation.
- D. Program approval shall be granted for two (2) years. OCEMS must be notified each time the course is provided. Notification shall include a roster of participants and sponsoring Base Hospital.

VI. REQUIRED MICN COURSE CONTENT:

The content of the basic MICN training program shall include adequate instruction and skills practice to allow a registered nurse who meets MICN student eligibility requirements to become competent in all of the topics and skills listed in California Code of Regulations, Title 22, Section 100159.

VII. REQUIRED COURSE HOURS:

The basic MICN training program shall consist of:

- A. A minimum of twenty four (24) hours of didactic presentations, interactive console simulations, case reviews, in addition to self-study modules and quizzes.
- B. Communication system orientation.



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- C. A minimum of eight (8) hours of field observation on an ALS unit, to be scheduled following completion of the course.

VIII. REQUIRED TESTING:

- A. An approved MICN training program shall include periodic quizzes and competency -based evaluations to test the knowledge of:
- OCEMS Treatment Guidelines
 - OCEMS Policies and Procedures
 - OC Communications System
 - California Paramedic Scope of Practice
 - Orange County Paramedic Scope of Practice
- B. In order to successfully complete the basic MICN training program or its equivalent, knowledge and skills proficiency shall be demonstrated in the following:
1. ALS prehospital management of the following medical emergencies:
 - a. shock
 - b. respiratory emergencies
 - c. cardiovascular emergencies
 - d. neurological emergencies
 - e. soft tissue emergencies
 - f. musculoskeletal injuries
 - g. obstetrical and gynecological emergencies
 - h. pediatric emergencies
 - i. geriatric emergencies
 - j. behavioral emergencies
 - k. other medical emergencies; and
 - l. multi-system trauma
 2. Knowledge of the following topics:
 - a. general pharmacology
 - b. medical-legal aspects related to EMS services
 - c. management of multi-casualty and disaster situations including triage; and
 - d. OCEMS policies, procedures, and treatment guidelines.
 3. Skills proficiency in the following:
 - a. dynamic and static dysrhythmia recognition; and
 - b. utilization of hospital-to-field communication techniques for the direction of prehospital EMS personnel and management of field emergencies.

