

NORTH COAST EMS

MICN Training Program Application

(to be completed by MICN candidate)

The MICN training program is designed to build on the skills and knowledge of the experienced Emergency Department Nurse. Instruction is tightly focused on the prehospital aspects of care. Candidates must therefore be adequately prepared with a thorough understanding of basic emergency nursing. Please complete this form verifying your preparation for the MICN training program. Note that you must obtain the signature of your ED Nurse Manager verifying all information.

MICN TRAINING PROGRAM ENTRY REQUIREMENTS

Please check to indicate completion:

- 1. Verification of current California RN licensure.
- 2. Verification of current ACLS course completion.
- 3. Verification of 500 hours of ED experience within the last year. (This requirement may be waived for candidates who can document equivalent experience. If applicable, you must apply to the NCEMS Medical Director in writing for an exception to policy.)
- 4. Thorough familiarity and competency with the following core information and skills:
 - A. Anatomy and physiology, including appropriate descriptive terminology.
 - B. Physical assessment of all body systems, including common assessment systems, such as Glasgow coma scoring, APGAR, BSA calculation for burns, etc.
 - C. Appropriate history taking for any medical or traumatic emergency, including variations for patients with special needs, such as children, the elderly, developmentally disabled, etc.
 - D. Airway management including indications, contraindications and basic technique for positioning, suction, supplemental oxygen, oropharyngeal airway, nasopharyngeal airway, esophageal obturator airway, endotracheal tube, nasotracheal tube, and cricothyrotomy.
 - E. Dysrhythmia recognition and management, including electrical therapy, vagal maneuvers and pharmacologic interventions.
 - F. IV fluid management, including selection of fluids, placement of lines (including external jugular lines) access to circulation through PVAD's or intraosseous routes, calculation of fluid challenges by body wt. and indications of fluid overload.

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- G. Appropriate placement of orogastric and nasogastric tubes.
- H. Initial intervention for:
1. All forms of trauma, including care of wounds, fractures, multi-system injury, etc.
 2. Respiratory emergencies, including airway adjuncts, ventilatory & oxygen delivery systems, needle thorocostomy.
 3. Cardiovascular emergencies including shock states.
 4. Unconscious states.
 5. Acute abdominal pain.
 6. Allergic reactions including anaphylaxis.
 7. Poisoning, overdose of drugs/alcohol.
 8. Communicable diseases, including recognition of risk factors and suspicious symptom patterns.
 9. Environmental emergencies including heat or cold exposure, envenomation, etc.
 10. Hazardous materials exposure and management.
 11. Gynecologic/obstetrical emergencies and emergency childbirth.
 12. Neonatal and pediatric care including appropriate initial fluid challenges, medication dosages, etc.
 13. Psychiatric and behavioral emergencies including relevant law.
 14. Relevant consent law, including 5150 hold, implied consent, emancipated minors, etc.
 15. Reporting requirements for coroner, law enforcement, suspected abuse, etc.
- I. Familiarity with the following medications including appropriate dosage, indications, contraindications, and adverse reactions. Candidates should be familiar with dosage variations for pediatric patients or for alternate forms of delivery such as via endo/nasotracheal tube.
1. Activated charcoal.
 2. Adenosine.
 3. Albuterol sulfate.
 4. Atropine sulfate.
 5. Bretylium tosylate.
 6. Calcium chloride.
 7. Dextrose 25% and 50%.
 8. Diazepam.
 9. Diphenhydramine HCl.
 10. Dopamine HCl.
 11. Epinephrine.
 12. Furosemide.
 13. Glucagon.
 14. Heparin lock flush solution.

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- 15. Isoproterenol HCl.
- 16. Potassium chloride.
- 17. Lidocaine HCl.
- 18. Magnesium sulfate.
- 19. Metaproterenol sulfate.
- 20. Morphine sulfate.
- 21. Naloxone HCl.
- 22. Neosynephrine topical.
- 23. Nitroglycerine (sublingual preparations).
- 24. Oxytocin.
- 25. Procainamide.
- 26. Sodium bicarbonate.
- 27. Syrup of Ipecac.
- 28. Terbutaline sulfate.

Sign to indicate compliance with all entrance requirements:

Signature

Print Name

Date

Verification of MICN Candidate Competency (to be completed by the ED Nursing Director who employs the MICN candidate)

I have evaluated the MICN candidate and found that competency in all areas noted above is sufficient to begin the MICN course. I am aware that the course does not provide any review of the above material. I understand that course fees will not be refunded if a candidate is unsuccessful in completion of the MICN course.

Signature

Print Name

Date