

# Prehospital Care/EMS Rotation Objectives

## Longitudinal Experience & Base Hospital Rotation

### Year 1

Medical Expert *The trainee will be able to...*

1. List features or characteristics of a tiered response - (first responder, BLS responder, ALS responder). **(IV, XI, XII)**

#### Communicator

*The trainee will be able to...*

1. List pieces of priority information which physicians must gain from the EMS unit patient report. **(X)**
2. Establish therapeutic relationships, histories and discuss management plans with patients and their families. **(X)**

#### Collaborator

*The trainee will be able to...*

1. Develop an understanding of the environment in which EMS providers work. **(X)**
2. Foster team building/communication with various members of the SWORBHP. **(VII, XV)**
3. Consult effectively with emergency department physicians and nurses. **(X)**

#### Professional

*The trainee will...*

1. Demonstrate professional behaviour toward patients, paramedics, base hospital staff, support staff and allied health professionals. **(II-IV,VI,VIII, IX,X, XIV,XV)**

Year 2 - ***Bold Italicized*** are new objectives for year.

Medical Expert *The trainee will be able to....*

1. List features or characteristics of a tiered response - (first responder, BLS responder, ALS responder). **(IV, XI, XII)**
2. ***List medications available to PCP and ACP providers. (IV, V, X)***
3. ***Have an awareness of EMS advanced medical protocols. (V, VII, X)***

### **Communicator**

*The trainee will be able to...*

1. List pieces of priority information which physicians must gain from the EMS unit patient report. **(X)**
2. Establish therapeutic relationships, histories and discuss management plans with patients and their families. **(X)**

### **Collaborator**

*The trainee will be able to...*

1. Foster team building/communication with various members of the SWORBHP. **(VII, XV)**
2. Consult effectively with emergency department physicians and nurses. **(X)**
3. Develop an understanding of the environment in which EMS providers work. **(X)**

### **Professional**

*The trainee will....*

1. Demonstrate professional behaviour toward patients, paramedics, base hospital staff, support staff and allied health professionals. **(II-IV,VI,VIII, IX,X, XIV,XV)**
11. List medications available to PCP and ACP providers. **(IV, V, X)**
12. 12. Have an awareness of EMS advanced medical protocols and patch points. **(V, VII, X)**

## Year 3 - Base Hospital rotation.

Medical Expert *The trainee will be able to...*

1. List the 15 components of an EMS act as defined by the EMS Act of 1975 in the United States. **(XI)**
2. Differentiate and describe various EMS models. **(IV, XI)**
3. Discuss the administrative/operational structure of EMS in Ontario. **(IV)**
4. List features or characteristics of a tiered response - (first responder, BLS responder, ALS responder). **(IV, XI, XII)**
5. Discuss the role of a Base Hospital. **(IV, XI)**
6. Describe the difference between off-line and on-line medical control. **(IV, XI)**
7. Describe the responsibility of the off-line medical director. **(IV, XI)**
8. Describe 3 features of i) call prioritization, ii) screening, iii) pre-arrival instructions. **(VIII)**
9. Have an awareness of the procedure and use of EMS/ED radio communication. **(IV, VIII, X)**
10. Provide on-line medical control for EMS units as experience level indicates **(X)**.
11. List medications available to PCP and ACP providers. **(IV, V, X)**
12. Have an awareness of EMS advanced medical protocols and patch points. **(V, VII, X)**
13. Demonstrate the application of back board immobilization and extraction of a victim with potential spinal injuries. **(X)**
14. Become familiar with the Ambulance Call Record be able to extract pertinent data. **(VII)**

### Communicator

*The trainee will be able to...*

1. List pieces of priority information which physicians must gain from the EMS unit patient report. **(X)**
2. Establish therapeutic relationships, histories and discuss management plans with patients and their families. **(X)**

### Collaborator

*The trainee will be able to...*

1. Work closely with the staff at the Central Ambulance Communications Centre to gain an understanding of their role and responsibilities in EMS care. **(VIII)**
2. Foster team building/communication with various members of the SWORBHP. **(VII,XV)**
3. Consult effectively with emergency department physicians and nurses. **(X)**

## **Manager**

*The trainee will be able to...*

1. Gain an understanding of data processing and management from a Quality Assurance process at SWORBHP. **(VI, VII)**
2. Discuss various steps of quality assurance. **(VI, VII)**
3. Perform VSA ACR audits to gain a familiarity with the QA process. **(VII)**
4. Become familiar with the process of remediation. **(IV, VI, VII, XV)**
5. Attend various meetings to gain an understanding of the role of the medical director of EMS management. **(XV)**

## **Health Advocate**

*The trainee will be able to...*

1. Identify evidenced based areas for improvement in pre-hospital management to provide optimal patient care. **(XII)**

## **Scholar**

*The trainee will be able to...*

1. Develop, implement and monitor a personal continuing educational strategy. **(I-XV)**
2. Discuss current literature in EMS and be able to discern which practices in EMS are evidence based and which are not. **(XII, XIII)**
3. Contribute to the “summary” database of EMS Studies **(XIII)**
4. Have an awareness of current EMS research being conducted at LHSC/SWORBHP **(IV)**.
5. Complete an educational project such as a rounds presentation for paramedics, developing case scenarios for ACP or PCP medics to evaluate use of medical directives, teach a recertification course, or any other project which meets approval of the Medical Director. **(IX)**

## **Professional**

*The trainee will....*

1. Demonstrate professional behaviour toward patients, paramedics, base hospital staff, support staff and allied health professionals. **(II-IV, VI, VIII, IX, X, XIV, XV)**
2. Demonstrate a strong self directed work ethic and a desire to learn issues pertaining to the above objectives. **(I-XV)**

# Action Plan for Successfully Completing the Objectives (FRCP Residents)

## Before Rotation Begins

- I. Review online EMS content on [www.lhsc.on.ca/About Us/Base Hospital Program](http://www.lhsc.on.ca/About_Us/Base_Hospital_Program)
- II. Contact Lisa Ragogna ([lisa.ragogna@ontario.ca](mailto:lisa.ragogna@ontario.ca)), Operations Manager of London Central Ambulance Communications Centre, to set up date and time for a 4-6 hour observational experience at the dispatch center.

## During Rotation

- IV. Orientation meeting with Matt Davis (Medical Director of Education).
- V. Review PCP and ACP medical directives/protocols.
- VI. Meet with Matt Davis or delegate for Quality Assurance presentation.
- VII. Complete 15-20 ACR audits during after meeting with Matt Davis or delegate. Suggest reviewing VSA and relevant directives/protocols prior to completing audits.
- VIII. Attend CACC for 4-6 hours to observe EMS dispatch operations.
- IX. Complete 4 EMS ride-outs and keep relevant log & complete 1 ORNGE observation shift
- X. Read Relevant Rosen/Tintinalli EMS chapters and study package.
- XI. Read provided EMS literature/studies.
- XII. Complete 2-3 Bottom Lines which will be added to ongoing database.
- XIII. Meet with Matt Davis mid-rotation to discuss any concerns, positive/negative experiences, suggestions for rotation improvements.
- XIV. Attend any relevant SWORBHP meetings or SWORBHP education sessions

## **Ride-out Experience.**

Thames EMS safety seminar must be completed prior to ride-out.

Contact Jay Loosely – Superintendent of Education

Give dates of availability.

You will be assigned shifts based on crew availability using those dates.

These are assigned shifts - similar to your emergency medicine shifts. If you are unable to attend for some reason you must contact: 1) the duty manager 2) email Jay Loosley 3) email Matt Davis.

Ride-outs must be completed and logs submitted to Matt Davis by end of rotation.

## Contacts

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