

Base Hospital/EMS Rotation Objectives

Medical Student Elective Experience in Base Hospital and EMS Medicine

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

1. Differentiate and describe various EMS models. **(IV, XI)**
2. Discuss the administrative/operational structure of EMS in Ontario. **(IV)**
3. List features or characteristics of a tiered response - (first responder, BLS responder, ALS responder). **(IV, X, XI)**
4. Discuss the role of a Base Hospital. **(IV, XI)**
5. Understand the difference between off-line and on-line medical control. **(IV, XI)**
6. Understand the responsibility of the off-line medical director. **(IV, XI)**
7. Have an awareness of the procedure and use of EMS/ED radio communication. **(IV, VIII, IX)**
8. List medications available to PCP and ACP providers. **(IV, V, IX)**
9. Have an awareness of EMS medical protocols. **(V, VII, IX)**
10. 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. **(IX)**
2. Communicate effectively with paramedics and base hospital staff **(VIII, IX)**

Collaborator

The trainee will be able to...

1. Gain an understanding of Central Ambulance Communications Centre's role and responsibilities in EMS care. **(VIII)**
2. Foster team building/communication with various members of the SWORBHP. **(VI, VII)**
3. Consult effectively with emergency department physicians and nurses. **(IX)**

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. Perform ACR audits to gain a familiarity with the QA process. **(VII)**

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. 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)**.

Professional

The trainee will....

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

Action Plan for Successfully Completing the Objectives

Before Rotation Begins

Review online EMS content on www.lhsc.on.ca/About_Us/Base_Hospital_Program

During Rotation

- Orientation meeting with Matt Davis (Medical Director Education).
- Review PCP and ACP medical directives/protocols.
- Complete ACR audits after meeting with Matt Davis or delegate. Suggest reviewing VSA and relevant directives/protocols prior to completing audits.
- Attend CACC to observe EMS dispatch operations.
- Complete 4 EMS ride-outs and keep relevant log.
- Read Relevant Rosen/Tintinalli EMS chapters
- Read provided EMS literature/studies.
- Complete a “Bottom Line” which will be added to ongoing database or other educational project to be determined at the start of the rotation.
- Meet with Matt Davis mid-rotation to discuss any concerns, positive/negative experiences, suggestions for rotation improvements.

Ride-out Experience.

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

Ride-outs are observation only. There will be no direct patient care or contact.

If you are unable to attend for some reason you must contact: 1) the duty manager 2) email Jay Loosely if he is not the duty manager & 3) email Dr. Matt Davis.

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

Contacts

MAIN CONTACT FOR ELECTIVE

Dr. Matthew Davis
Medical Director of Education
SWORBHP
office - (519) 685-8500 ext. 78987
matthew.davis@lhsc.on.ca

Dr. Mike Lewell
Regional Medical Director
SWORBHP
office - (519) 685-8500 ext. 76718
michael.lewell@lhsc.on.ca

Susan Kriening
Regional Manager
SWORBHP
office - (519) 685-8500 ext. 75715
Susan.kriening@lhsc.on.ca

Dr. Mike Peddle
Local Medical Director
SWORBHP
Pager 519-685-8500 x 13680
Office 519-685-8500 x 56566
Michael.Peddle@lhsc.on.ca

Lisa Ragogna
Operations Manager
London Central Ambulance Communications Centre
1510 Woodcock Street Suite #20
London, Ontario N6H 5S1
(519) 661-1789
lisa.ragogna@ontario.ca

Jay Loosley
Superintendent MLEMS - EMS Ride-out Schedule
340 Waterloo Street London ON
jloosley@mlems.ca
519-679-5466 x 103