The Ontario College of Family Physicians is pleased to announce the offering of An Emergency Medicine Primer for Family Physicians in collaboration with Aim Health Group.

This 2 day course is being offered as an update for those family physicians who are currently working regular shifts in the Emergency Department (within the last two years, 3-4 shifts per month). Because of the intense pace of the course, it is intended as a refresher course for physicians who already have two years of Emergency Department experience in addition to residency.

SESSION DATES:
Friday March 28, 2014 (08:00 – 17:00 hours)
Saturday March 29, 2014 (08:00 - 17:00 hours)

What is being offered?

- 2 day course combining theory and practical sessions
- 16 topics on all major systems in adults and pediatrics
- Practical workshops in airway practice, casting, splinting, slit lamp use,
- lumbar puncture, X-Ray and EKG interpretation.

<table>
<thead>
<tr>
<th>Registration Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early Bird: January 29, 2014</td>
</tr>
<tr>
<td>$740.00 (13% HST included)</td>
</tr>
<tr>
<td>After January 29, 2014</td>
</tr>
<tr>
<td>$790.00 (13% HST included)</td>
</tr>
</tbody>
</table>

REGISTER EARLY!
On-site registration WILL NOT be considered

This program meets the accreditation criteria of The College of Family Physicians of Canada and has been accredited for 13.0 Mainpro-C credits.

Priority will be given to LOCAL Family Physicians in Emergency Rooms and/or the local community. Confirmation of your registration will be provided by e-mail

PLEASE READ THE FOLLOWING INFORMATION CAREFULLY, BEFORE COMPLETING THE REGISTRATION:
This Course is NOT OPEN to  
• Nurses, Medical Students, and Residents  
• Family physicians with less than 2 years recent experience in emergency rooms

TO REGISTER
Please send completed Registration Forms (Pages 2 to 9) with payment to:
Vincenza Piccolo, Ontario College of Family Physicians
340 Richmond Street West, Toronto, ON M5V 1X2, by Fax to 416-867-9990 or by e-mail at vincenza@cfpc.ca
To better assess your needs and experience, please answer ALL the following questions (incomplete forms will not be processed). Please note that any information you provide will be kept confidential and will only be reported in grouped form:

1. **Current Status:**
   - Family Physician: □ YES □ NO
   - Type of Practice:
     - a. □ Full-Time □ Part-Time
     - b. □ Solo □ Group
     - c. □ Office □ Hospital □ Both
     - d. □ Urban □ Suburban □ Rural

2. **How did you hear about the Emergency Medicine Primer for Family Physicians?**

3. **How many years of experience do you have in Emergency Medicine (not including residency)?**

Registration/Contact Information:

Prefix: _______ First Name: ___________________________ Last Name: ___________________________
Address: ______________________________________________________________________________
City: ___________________ Province: ___________________ Postal Code: _______________________
Telephone: ___________________ Fax: _______________________
Email Address: ________________________________
Registration Date: ________________________________

Fee Before January 29, 2014 $ 740.00 (13% HST included)
Fee After January 29, 2014 $ 790.00 (13% HST included)

Payment Information (please check one): □ Visa □ MasterCard

Card Number: ________________________________ Expiry: _________/_________
Amount Authorized: $ ____________________________

Cheques are to be made payable to: “Ontario College of Family Physicians”
4. Have you worked ER shifts in the past two years? □ YES □ NO
   Number of shifts per month: ________________  Last date worked: _________________________________
   Currently working at (Name of Hospital): ______________________________________________________

5. Do you anticipate working some shifts in your local ED? □ YES □ NO
   A. Before Summer 2013 □ YES □ NO
   B. In September, 2013 □ YES □ NO
   C. In October, 2013 □ YES □ NO
   If yes, how many shifts per month might you provide? ________________________________
   At which hospital (if different from question #4)? __________________________________________

6. How would you rate your current level of knowledge regarding Emergency Medicine?
   Poor  Fair  Good   Very Good  Excellent
   1     2     3      4      5

7. How would you rate your current level of confidence in your ability to manage Emergency Medicine?
   Not Confident  Slightly Confident  Fairly Confident  Quite Confident  Very Confident
   1     2     3      4      5

8. How do you see this program making a difference to your practice?
   __________________________________________________________________________________________

9. What steps will you need to take in order to integrate this knowledge into your practice?
   __________________________________________________________________________________________

Participants are asked to select 16 from the 21 topics listed below. The speakers will present 16 topics (over 2 days) based on consensus; however participants are provided with reading material for all 21 topics. Each topic is presented in 30 min.

NOTE: “Our desire is to provide a consensus approach based on the available literature, thereby providing attendees a way to practice. Sessions will therefore be practical; controversy will be acknowledged but a clear approach to management based on consensus will be evident”

Part A: Knowledge

1. □ What you don’t know about asthma and COPD
   By the end of this session, the participant will:
   • Understand the basic mechanism of asthma and COPD
   • Identify the risk factors for these disease processes
   • Know important historical features that are considered high risk patients (prior intubation, use of home oxygen, multiple ED visits, recent use of steroids, recent admission, etc.)
   • Understand the value and limitations of the following when attempting to determine severity of presentation:
• Respiratory rate
• Oxygen saturation
• Arterial blood gas
• Lung auscultation

• Be able to make use of objective testing such as peak flow or spirometry in the evaluation and management of acute asthma or exacerbations of COPD (BiPap, flow low curves vs peak flow, risk stratification in COPD)
• Know the immediate medical management of such patients, including
  • Salbutamol
  • Ipratropium
  • Steroids
  • Appropriate use of antibiotics and the class
• Understand the (limited) role of chest x-rays in the acute setting
• Have appropriate disposition plans, including admission, observation, discharge, and follow up.

2. □ The First 15 min - Part I
   By the end of this session, participants will:
   • Have a predetermined approach and know which interventions are life saving
   • Develop a comfort level to deal with common clinical high risk situations
   • Understand the priorities in management of life threatening conditions

3. □ The First 15 min – Part II
   By the end of this session, participants will:
   • Learn critical management skills needed to take care of the unstable patient
   • Learn how to stabilize the unstable patient (safe organized approach to severely ill patients)
   • Learn medications to be familiar with in the unstable patient
   • Learn how to stay calm under pressure
   • Learn symptom based approach, not diagnosis based approach to unstable patients
     • Acute dyspnea, acute hypotension, severe head injury
   • Review steps of resuscitation essential to the ED

4. □ Pulmonary Embolism and Deep Vein Thrombosis (PE/DVT)
   By the end of this session, participants will learn:
   a. A practical way to safely exclude DVT and PE in the ED
   b. A simple management strategy for known or suspected venous thromboembolism (VTE)
   c. Risk stratification
   d. D-Dimer
   e. PERC rules
   f. How to avoid transferring for imaging
   g. Outpatient management
5.  □ Cardiac Emergencies I  
By the end of this session, participants will:
• Develop an evidence based management strategy for ACS (STEMI and NSTEMI)
• Learn how to risk stratify patients with chest pain to allow for outpatient work-up of low risk patients
• Understand advances in the management of cardiac arrest patients including the use of therapeutic hypothermia

6.  □ Cardiac Emergencies II  
By the end of this session, participants will:
• Understand the etiology and management of acute decompensated congestive heart failure
• Understand the appropriate management of rapid atrial fibrillation with rate and rhythm control plus risk stratification for anticoagulation

7.  □ Rapid sequence intubation  
By the end of this session, participants will:
• Be able to discuss the definition, advantages, indications and complications of, and preparation for Rapid Sequence Intubation (RSI).
• Be able to discuss the indications and contraindications, advantages and disadvantages of a number of premedications, sedative and paralytic agents used in RSI.
• Be able to make optimal choices of medications for RSI in the setting of Asthma, Trauma, Head and Ocular Injury, Acute Myocardial Infarction, Shock and Intoxication.

8.  □ Head & C-spine injuries in adults  
By the end of this session participants will:
• Understand the epidemiology of c-spine injuries presenting to the ED
• Have an understanding of the anatomy of the cervical spine
• Have an approach to reading c-spine x-rays
• Know common injury patterns, and identify as stable or unstable
• Appreciate the role of swimmer’s view
• Know when to order a CT of the cervical spine
• Know how to clinically examine the c-spine
• Apply the principles above to the review of pediatric c-spine x-rays, as well as the clinical and radiological differences

9.  □ Common Orthopedic Conditions – Fractures  
By the end of this session participants will learn:
  a.  When or not to call for an ortho
  b.  What should be seen within 2-3 days, what can wait weeks?
10. **ENT emergencies**  
By the end of this session, participants will:
- Identify indications for antibiotics in otitis media, and exudative pharyngitis
- Discuss the modifications in treatment for acute suppurative oral infections
- Discuss the management of angioedema
- Review the management of epistaxis
- Review the management of foreign bodies in the ear.

11. **Evaluation and management of patients with acute headache**  
a. Thunderclap headache, Migraine management, Fever and headache  
By the end of this session, participants will be able to:
- Identify the warning signs and symptoms of new onset headaches
- Discuss possible investigations and indications for their use in patients with acute headache
- Review treatment options for acute headache

12. **Neurological emergencies**  
By the end of this session, participants will be able to:
- Recognize the components of acute stroke care
- Placing the role of thrombolysis in context
- Identify the time frame for the acute work up of a TIA
- Discuss the acute evaluation for subarachnoid hemorrhage
- Review the approach to acute cord compression syndromes

13. **Gynecologic emergencies**  
By the end of this session, participants will:
- Appreciate the common gynecological and obstetrical emergencies presenting to the ED
- Know how to recognize and treat:
  a. 1st trimester bleed /ectopic
  b. Eclampsia
  c. Minor abdominal trauma

14. **Pediatric emergencies**  
By the end of this session, participants will be able to:
- Have an approach to a pediatric patient presenting with fever
- Have an approach to a pediatric patient presenting with vomiting
- Identify occult pneumonia and UTI as causes of fever
- Know how to diagnose and manage patients with Hemolytic Uremic Syndrome (HUS)
- Have an approach to a pediatric patient with altered mental status
15. **Pediatric emergencies – Part II**
By the end of this session, participants will learn:
- A classification of minor head injury in pediatric patients
- Management issues stratified by age
  - Adult patients
  - Children (>2 years of age)
  - Infants (< 2 years of age)
- An approach to a pediatric patient with altered mental status

16. **Abdominal emergencies**
By the end of this session, participants will be able to:
- Know that abdominal pain is a common presentation in the ED
- Determine the likely diagnosis based on age
  - Pediatric patients
  - Elderly patients
- Learn how to treat pain in pediatric and elderly patients
- Know the appropriate investigations to order
- Stratify as medical or surgical, and refer to the respective specialty

17. **Pain management**
By the end of this session, participants will:
- Identify that proper pain control requires knowledge and a willingness to treat pain
- Learn Adult & Pediatric (analgesia and sedation)
- Discuss the myths of pain presentations
- Review methods to reduce the pain of common procedures
- Discuss specific uses of opioids
- Review briefly drug addiction in the ED

18. **Procedural sedation**
By the end of this session, participants will:
- Discuss a proper approach to procedural sedation
- Learn how to ensure the patient is always safe if procedural sedation is practiced
- Review medications to be used
- Discuss national guidelines and discharge policies

19. **Severe infections & important emerging infections**
By the end of the session, participants will:
- Recognize and aggressively treat patients with septic shock (mortality of 20-50%)
- Understand the principle of early goal directed therapy and how it affects outcomes
- Review (early) antibiotic treatments
- Learn new sepsis treatments (role of steroids, Activated Protein C)
- Learn how to recognize/treat new emerging infections (MRSA, C. difficile)
20. □ **Acute Toxicology**  
By the end of the session, participants will learn:  
• The role of the Ontario Regional Poison Information Centre  
• How to stabilize a critically ill poisoned patient:  
  - airway protection  
  - volume resuscitation  
  - coma cocktail for altered mental status  
  - benzodiazepines for agitation and seizures  
  - bicarbonate for wide-complex dysrhythmias  
• Approaches to gastrointestinal decontamination

21. □ **Psychiatric emergencies: Managing Psychosis and Medical Clearance**  
By the end of the session, participants will learn:  
• Form 1s, Restraint and Treatment in the ED  
• Medical Clearance  
• Medications for the Agitated Patient in the ED

**Part B: Skills – Practical Workshops**

**Day 1:** Please select 2 out of 3 of the following workshops:  
☐ A. Slit lamp/ foreign bodies in the eye ☐ 1 hour  
☐ B. EKG interpretation ☐ 1 hour  
☐ C. Lumbar Puncture ☐ 1 hour

**Day 2:** Please select 2 out of 3 of the following workshops:  
☐ D. Casting/Splinting ☐ 1 hour  
☐ E. Ortho/X-rays ☐ 1 hour  
☐ F. Airway practice with mannequins ☐ 1 hour  
• Adult and pediatric/infant

If you have selected Casting/Splinting, please indicate what kind of techniques you would like to learn:
____________________________________________________________________________________________________________  
____________________________________________________________________________________________________________  
____________________________________________________________________________________________________________  
____________________________________________________________________________________________________________
10. Please specify the top 3 areas of concern (either topics or procedures) you hope this course will help you improve:

1. _________________________________________________________________________________________________________
2. _________________________________________________________________________________________________________
3. _________________________________________________________________________________________________________

11. Please provide a brief outline of a real case or problem you have faced in your emergency department that you would like to have discussed during the course:

____________________________________________________________________________________________________________
____________________________________________________________________________________________________________
____________________________________________________________________________________________________________
____________________________________________________________________________________________________________

12. Do you have access to:

☐ Bedside U/S
☐ CT in hospital
☐ Advanced airway instrument ie Glidescope
☐ 24 hr labs

13. Do you use any of the following:

☐ Bedside U/S
☐ CT in hospital
☐ Advanced airway instrument ie Glidescope
☐ 24 hr labs

14. Breakfast and lunch will be provided on both days. Do you have any life threatening or serious food allergies we should be aware of?

____________________________________________________________________________________________________________
____________________________________________________________________________________________________________
____________________________________________________________________________________________________________
____________________________________________________________________________________________________________