



Emergency and Urgent Care
September 17-20, 2014
Albuquerque (Santa Ana Pueblo), NM

as of 7/1/14

Wednesday - September 17, 2014

7:15 - 8:00 a.m.

Breakfast

8:00 - 8:15 a.m.

Welcome and Overview - *Theodor W. Pesch, MD, PhD*

8:15 - 9:00 a.m.

Neurologic Emergencies - *Vu-Kiet Tran, MD FCFP MHSc MBA*

1. Diagnose the symptoms of TIA and prescribe treatments quickly, keeping in mind that TIAs lasting less than 24 hours can still cause permanent brain damage.
2. Assess the severity of TIA and understand which lab/imaging tests are the most useful for diagnosis.
3. Perform a neurologic examination in order to rapidly diagnose the etiology of an epileptic seizure.
4. Prescribe initial and secondary treatments for epileptic seizures, keeping in mind potential side effects, drug interactions and other co-morbidities.

9:00 - 9:30 a.m.

HIV-Related Emergencies - *Kim Yu, MD, FAAFP*

1. Describe the most common CNS, gastrointestinal and respiratory complications of HIV-associated disease as well as their proper evaluation and treatment.
2. Evaluate and manage the febrile AIDS patient.
3. Discuss the most common side effects and toxicities of drugs used to treat HIV infection and AIDS.

9:30 - 10:00 a.m.

Urologic Emergencies - *Vu-Kiet Tran, MD FCFP MHSc MBA*

1. Evaluate the several different causes of acute pelvic pain and identify the presence of life-threatening conditions.
2. Understand the importance of pregnancy status for ordering the most efficient lab/imaging test for diagnosis.
3. Assess the most common signs and symptoms of male urologic emergencies to provide treatment.
4. Differentiate between TURP and radical prostatectomy.

10:00 - 10:15 a.m.

Question and Answer/Panel Discussion

10:15 - 10:30 a.m.

Break

10:30 - 11:15 a.m.

Toxic Flora Exposure - *Kim Yu, MD, FAAFP*

1. Identify common toxic flora and patterns of contact dermatitis.
2. Discuss toxic syndromes associated with common toxic plant ingestions.
3. Discuss treatment options for common exposures.

11:15 - 11:45 a.m.

Gastrointestinal Emergencies - *Vu-Kiet Tran, MD FCFP MHSc MBA*

1. Assess training needs related to advanced screening techniques in an emergency and urgent care setting and prepare plans to enhance diagnostic and procedural skills.
2. Compare treatment options for patients with common GI conditions, such as diverticular disease, upper and lower GI bleeding, visceral perforation and aortic aneurysm.
3. Differentiate the treatment options of different types of GI-related cancers.
4. Distinguish various GI issues and which diagnostic imaging modalities are the quickest and most effective for diagnosis.

11:45 a.m. - 12:00 p.m.

Question and Answer/Panel Discussion

12:00 - 1:30 p.m.

Lunch On Your Own

- 1:30- 2:15 p.m.** **Pain and Sedation - Vu-Kiet Tran, MD FCFP MHSc MBA**
 1. Evaluate the use of major tranquilizers, sedative-hypnotics, opioids, and reversal agents in order to control pain and minimize adverse responses associated with painful or frightening medical interventions.
 2. Compare the strengths of opioid and non-opioid drugs in order to achieve the most effective pain management.
 3. Describe the benefit of more frequent pain assessment.
 4. Utilize IV opioids as the preferred method of narcotic analgesia in the emergency room, since they are fast acting and easier to titrate.
- 2:15 - 3:00 p.m.** **Acute Renal Failure - Kim Yu, MD, FAAFP**
 1. Be able to discuss the differential diagnosis of acute renal failure.
 2. Evaluate the patient with acute renal failure in an efficient manner.
 3. Understand the significance of findings in the urinalysis as they relate to acute renal failure.

3:00 - 3:15 p.m. **Question and Answer/Panel Discussion**

OPTIONAL SESSIONS (separate registration and fee required)

- 3:30 - 5:30 p.m.** **Joint Injection and Joint Aspiration (\$160)**
Mark Graber, MD and Robert W. Kilgo, MD, FACEP, RDMS
 1. Understand the why and how joint injections are performed.
 2. Properly perform joint injections.
 3. Recognize risks and benefits of joint injections.
- 3:30 - 6:30 p.m.** **Suturing Techniques in the ER (\$240)**
Vu-Kiet Tran, MD FCFP MHSc MBA and Kim Yu, MD, FAAFP
 1. Perform the most common suturing techniques, including simple, running, and half-buried mattress (corner) sutures.
 2. Evaluate the various suture materials available and in which situations they are to be used appropriately.
 3. Utilize different wound closure materials, which may include surgical needles, sutures, skin staples, topical skin adhesives, tapes, bandages or skin adhesives.

Thursday - September 18, 2014

- 6:45 - 7:30 a.m.** **Registration and Breakfast**
7:25 a.m. **Daily Announcements - Theodor W. Pesch, MD, PhD**
- 7:30 - 8:15 a.m.** **Respiratory Emergencies: Asthma and COPD - Mark Graber, MD**
 1. Prepare diagnostic and treatment plans to help patients with long-term management of asthma.
 2. Differentiate quick-relief and long-term medications for patients and explain which to use for an acute asthma attack.
 3. Review the guidelines for making timely and accurate diagnosis of COPD, including early recognition of signs and symptoms.
- 8:15 - 9:00 a.m.** **ENT Urgencies - Kim Yu, MD, FAAFP**
 1. Distinguish between primary and secondary otalgia.
 2. Evaluate use antibiotic vs. symptomatic treatment in difficult cases of otalgia.
 3. Differentiate between infectious and non-infectious pharyngitis, based on symptoms and lab tests.
 4. Judge treatment options for pharyngitis.
 5. Evaluate and manage acute sinusitis.

9:00 - 9:45 a.m.	Vascular Emergencies - <i>Robert W. Kilgo, MD, FACEP, RDMS</i> 1. Recognize the signs and symptoms of abdominal aortic aneurysms and aortic dissection as well as less common vascular issues. 2. Describe the physical findings in chronic arterial insufficiency. 3. Summarize diagnosis and treatment options for encountered conditions.
9:45 - 10:00 a.m.	Question and Answer/Panel Discussion
10:00 - 10:15 a.m.	Break
10:15 - 11:00 a.m.	Fatal Rashes - <i>Vu-Kiet Tran, MD FCFP MHSc MBA</i> 1. Identify dermatologic conditions that may be life-threatening and require urgent treatment. 2. Discuss appropriate therapeutic options to urgent dermatologic conditions.
11:00 - 11:45 a.m.	Trauma (Chest, Abdomen, Lacerations and Burns) - <i>Mark A. Graber, MD</i> 1. Evaluate for commonly overlooked but important chest and abdomen injuries. 2. Know what to do if there is no CT available and you suspect an intraabdominal or intrathoracic injury. 3. Discuss the etiology and complications of lacerations. 4. Assess burn patients to determine if outpatient, inpatient, or referral to a burn center in the most appropriate management.
11:45 a.m. - 12:00 p.m.	Question and Answer/Panel Discussion
12:00 - 1:15 p.m.	Lunch On Your Own
1:15 - 2:00 p.m.	Cardiovascular Emergencies - <i>Vu-Kiet Tran, MD FCFP MHSc MBA</i> 1. Utilize ECG machines in the emergency room and interpret the ECG complex, and detect ST elevations and t-wave inversions, as well as symptoms of long QT syndrome and Brugada syndrome. 2. Differentiate between heart failure due to systolic and diastolic dysfunction. 3. Distinguish between severe hypertension/hypertensive emergency and hypertensive urgency and respond with the appropriate treatment modality. 4. Recognize the symptoms and appropriate pharmacologic treatment of heart failure when it is presented in an urgent care setting.
2:00 - 2:45 p.m.	Hypotension - <i>Robert W. Kilgo, MD, FACEP, RDMS</i> 1. Prepare differential diagnostic and treatment strategies for hypotensive patients. 2. Discuss use of bedside tools to accurately assess the hypotensive patient. 3. Review underlying etiology of the hypotensive patient, including endocrine, dehydration, cardiac, infection and Parkinson's. 4. Review management options for the chronic hypotensive patient including pharmacologic and non-pharmacologic options.
2:45 - 3:00 p.m.	Question and Answer/Panel Discussion

OPTIONAL SESSIONS (separate registration and fee required)

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1. Perform the most common suturing techniques, including simple, running, and half-buried mattress (corner) sutures.
2. Evaluate the various suture materials available and in which situations they are to be used appropriately.
3. Utilize different wound closure materials, which may include surgical needles, sutures, skin staples, topical skin adhesives, tapes, bandages or skin adhesives.
4. Accurately predict when stitches should be removed based on location and the extent of wound healing (Bonus: sub-cuticular and vertical mattress.)

Friday - September 19, 2014

6:45 - 7:30 a.m.

Breakfast

7:25 a.m.

Daily Announcements - *Theodor W. Pesch, MD, PhD*

7:30 - 8:15 a.m.

Pitfalls in the Evaluation of Child Abuse - *Kelly Sinclair, MD, FAAFP, FACEP*

1. Discuss the legal definitions of all types of abuse and neglect.
2. Identify the most common injuries associated with physical abuse as well as the characteristics of psychological abuse and neglect, keeping in mind that findings that appear to indicate abuse may result from other causes.
3. Write careful documentation of abuse or neglect and be familiar with policies and procedures for mandatory reporting, including where and how to report such matters.

8:15 - 9:00 a.m.

Role of the FP in a Disaster - *Kim Yu, MD*

1. Incorporate the National Incident Management System's Incident (NIMS) Implementation Activities for Hospitals and Healthcare Systems into ones disaster medicine preparedness strategies.
2. Plan for a disaster by having appropriate critical resources and medical equipment on hand.
3. Respond to a disaster by performing triage and providing definitive medical care.
4. Identify how to create a local network when regular communication lines are unavailable.

9:00 - 9:45 a.m.

New Drugs of Abuse - *Kelly Sinclair, MD, FAAFP, FACEP*

1. Assess recent trends in substance abuse and estimate the prevalence in your community and/or practice setting.
2. Formulate strategies to educate patients about the safe use of prescriptions in order to prevent non-medical use of such medications.
3. Discuss new or trending products used for illegal purposes that may become (or currently serve as) substances of abuse.

9:45 - 10:00 a.m.

Question and Answer/Panel Discussion

10:00 - 10:15 a.m.

Break

10:15 - 11:00 a.m.

Pediatric Emergencies - *Kelly Sinclair, MD, FAAFP, FACEP*

1. Utilize diagnostic guidelines and decision-making criteria to make a prompt diagnosis and develop appropriate management plans for pediatric patients.
2. Evaluate pediatric fever in order to identify those at high risk for serious bacterial illness.
3. Support pediatric patients who present with neurologic abnormalities, including status epilepticus.
4. Evaluate and manage pediatric airway emergencies, including foreign-body aspiration and croup.

11:00 - 11:45 a.m.	Mammalian Bites, Rabies, and MRSA Updates - Mark A. Graber, MD <ol style="list-style-type: none"> 1. Recognize and treat potential staphylococcal (MRSA) infections with antibiotics (oral, topical, intravenous) and incision and drainage as indicated. 2. Evaluate when a skin culture is required to positively identify the type and source of skin infection. 3. Discuss the clinical manifestations of infections from bite wounds.
11:45 a.m. - 12:00 p.m.	Question and Answer/Panel Discussion
12:00 - 1:15 p.m.	Lunch On Your Own
1:15 - 2:00 p.m.	Traumatic Brain Injury - Theodor Pesch, MD, PhD <ol style="list-style-type: none"> 1. Recognize the symptoms of PCS/TBI and rapidly respond prior to the development of permanent brain damage. 2. Quickly assess the severity of a brain injury presented to the emergency room (Glasgow Coma Scale). 3. Promptly identify the symptoms of PCS/TBEi, even when classic signs are absent. 4. Utilize guidelines for evaluating athletes to return to play and be prepared to update others involved in the athlete's treatment.
2:00 - 2:45 p.m.	Headaches - Mark A. Graber, MD <ol style="list-style-type: none"> 1. Determine which patient with a headache needs further evaluation. 2. Identify some less common types of headaches. 3. Diagnose and treat common migraine mimics.
2:45 - 3:00 p.m.	Question and Answer/Panel Discussion
3:00 p.m. - 3:15 p.m.	Break
3:15 p.m. - 4:00 p.m.	Managing the Dying Patient - Theodor W. Pesch, MD, PhD <ol style="list-style-type: none"> 1. Counsel patients on advance directive documentation. 2. Develop an approach to the common symptoms present in terminally ill patients. 3. Review the management of the common symptoms that occur in the last hours of life. 4. Develop a communication strategy for discussing end-of-life care with patients.
4:00 - 4:45 p.m.	Orthopedics: Joint Reduction - Robert W. Kilgo, MD, FACEP, RDMS <ol style="list-style-type: none"> 1. Evaluate the symptoms of strains versus sprains and prepare treatment plans according to their diagnostic presentation. 2. Assess dislocations and treat or refer patients for specialty attention to restore the bones and joint to normal functioning. 3. Demonstrate proper elements of the "RICE" method to patients prior to discharge from the emergency room.
4:45 - 5:00 p.m.	Question and Answer/Panel Discussion

Saturday - September 20, 2014

6:45 - 7:30 a.m.	Breakfast
7:25 a.m.	Daily Announcements - Theodor W. Pesch, MD, PhD
7:30 - 8:15 a.m.	Dizziness and Vertigo - Mark Graber, MD <ol style="list-style-type: none"> 1. Identify the difference between vertigo, disequilibrium, intoxication, near-syncope, and psychiatric dizziness. 2. Identify helpful tests to distinguish peripheral from central vertigo. 3. Understand how to treat different kinds of vertigo.

8:15 - 9:00 a.m.	OB Emergencies - <i>Larry Leeman, MD, MPH</i> <ol style="list-style-type: none"> 1. Understand how to treat hypertensive urgencies and eclampsia. 2. Understand how to manage postpartum hemorrhage in the emergency room setting. 3. Evaluate postpartum dyspnea and/or chest pain with regard to common etiology and treatment. 4. Describe the evaluation of potential ectopic pregnancy including common pitfalls leading to missed diagnoses.
9:00 - 9:45 a.m.	The Use of Focused Bedside Ultrasonography to Facilitate Patient Care - <i>Theodor Pesch, MD, PhD</i> <ol style="list-style-type: none"> 1. Understand the role of focused bedside ultrasonography in the evaluation of common emergency presentations. 2. Interpret focused bedside ultrasounds and render treatment accordingly. 3. Articulate the differences between different diagnostic imaging tests available.
9:45 - 10:00 a.m.	Question and Answer/Panel Discussion
10:00 - 10:15 a.m.	Break
10:15 - 11:00 a.m.	Hematologic Emergencies - <i>Mark A. Graber, MD, FACEP</i> <ol style="list-style-type: none"> 1. Discuss the complex interplay of vascular integrity, platelet count/function, coagulation factors and fibrinolysis. 2. Predict results that excessive bleeding will have on the body's physiological reserves. 3. Classify the extent of bleeding through the use of grading systems, laboratory tests and diagnostic imaging. 4. Memorize the target values of important blood parameters, such as Hb, PT/aPTT and platelet counts.
11:00 - 11:45 a.m.	Billing Pearls: Coding the Encounter - <i>Lynn M. Myers, MD, CPD, CHC</i> <ol style="list-style-type: none"> 1. Recognize appropriate resources for procedure codes. 2. Identify provider's responsibility to document and support billing codes. 3. Understand the basic setup of ICD-10.
11:45 a.m. - 12:00 p.m.	Question and Answer/Panel Discussion
12:00 p.m.	Course Adjourn

Topics and times are subject to change.