PUBLICATIONS!!!

Nicole Berwald, Shahriar Zehtabchi, Susan Chang, Michael Augenbraun, Khaled Abu-Lawi, Tom McLaughlin, Michael Lucchesi. The Rate of Sexually Transmitted Infections in Emergency Department Patients with Vaginal Bleeding. Accepted to American Journal of Emergency Medicine.

Presentations at SAEM May 29 in Washington DC

- **Self Administered Vaginal Swabs Are As Reliable As Physician-Assisted Cervical Swabs in Screening for Sexually Transmitted Infections in Emergency Department Patients** Cheng
- **The Rate of Sexually Transmitted Infections in Emergency Department Patients with Vaginal Bleeding** Berwald
- **Routine Laboratory Testing For Emergency Department Patients With Asymptomatic Hypertension** Nishijima
- **The Pediatric Resource And Emergency Preparedness (PREP) Initiative: Pediatric Intensive Care Unit Surge Capacity And Resources In New York City Hospitals** Campbell

Welcome to our Academic Associates!!

Please continue to welcome our research students/ Academic Associates to the clinical area. They are invaluable to the success of our projects, so please make them feel welcome and provide them with any assistance they may need in identifying patients who are eligible for our studies. The research students have expressed that the residents have been very helpful in identifying patients, teaching them, and making them feel at home. Thank you very much!
Patients to Enroll in Research Studies

AT SUNY
1. Female patients presenting to Fast Track with or without vaginal bleeding
2. Dialysis patients with fever
3. Hypoglycemic patients with FS<60 by EMS or in ED
4. Hypertensive patients with diastolic BP> 100
5. Patients having abdominal CAT scan with IV contrast
6. All pt >18yo receiving contrast enhanced abdominal CT

AT KCH
1. All major trauma patients in CCT to be enrolled in trauma database
2. All critical medical patients in CCT and downstate are to be enrolled into critical care database. Please send Mag and Phos levels with the initial BMP.
3. All critically ill patients admitted to ICU get mag and phos and enroll in database
4. Pediatric patients presenting with asthma
5. Female patients aged 18-55 presenting with vaginal bleeding or with minor, non-GI/GU complaints
6. Hypoglycemic patients with FS<60 by EMS or in ED
7. Hypertensive patients with diastolic BP> 100
8. Trauma patients with urine toxicology screens positive for cocaine

Authors Needed

Writing an eMedicine chapter is a great way to learn a subject, buff your CV and earn points toward satisfying your academic requirement. Topic availability changes frequently, so just ask any of the faculty mentors or the research division if you are interested in participating in this highly rewarding endeavor…

eMedicine Chapter faculty mentors are: Sinert, Paladino, Doty, Silverberg, Gleyzer (ID), Mahl (Peds), Peacock, Erogul, Agoritsas & Weiner (Tox)

Since 1998 the department has published 47 emedicine chapters!! Below are those published in 2007.

EMEDICINE AUTHOR LIST
2007

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RATS!!
Additional motivated residents are still needed to join the rat team, and if anyone else is interested, please see Drs. Edward Tham or Eric Morley.

ANIMAL LAB PROJECTS
Institutional Animal Care and Use Committee certification (only for the animal model you are working on) needs to be completed for all current and future Animal Lab researchers (Faculty, Residents and Academic Associates). This is an online course (under Web Course and Exams):

http://www.ResearchTraining.org

Be sure to “link records to institution”

A QUICK LOOK AT CURRENT ACTIVE PROJECTS
Red Studies Need More Participants!
• Obesity in Asthma Drs. Sinert, Mahl, Hom, Flood, Hoppe, Israeli, Morley, O’Neill
• Comparison of Quictrach to Open Cric: A novel airway procedure to salvage a failed rapid sequence intubation. Drs. Manoach, Paladino
• Role of Cocaethylene in outcome of trauma patients after major injury. Drs. Zehtabchi, Weiner, Yadav, Moon
• Does the Prevention of Exacerbated Stress Hyperglycemia Improve the

Outcome of NIDDM Rats after Uncontrolled Hemorrhage? DM rats exhibit greater blood loss and higher lactates than controls. Will pretreatment with insulin correct this difference? Drs. Sinert, Paladino, Tham, Morley

- Radionuclide Induced Nephropathy after CT Scan Drs. Hipp, Liu
- The Strong Ion Difference as a Predictor or Outcome in Critically Ill Patients. Drs Soghoian, Zehtabchi and Sinert.
- Role of inflammatory markers in multi-organ failure after trauma. Drs. Zehtabchi, Yadav, Jung, Parnes
- Clinical Indicators of Outcome in hemodialysis patients who present to the Emergency Department with Fever. Drs Brandler, Dayton, O’Neill, Sinert.

Manuscript stage:
• Right-Handed Intubation Drs. Manoach, Paladino
  • Submitted to Anesthesia
• Evidence-based review: Beta-blockers in Myocardial Infarction Dr. Paladino, Liu
• Joint Disaster Triage. Paladino, Arquilla
• Evidence-based review: CTA for peripheral vascular trauma Morley and Zehtabchi.
• IDDM and hemorrhagic shock in a rat model. Morley, Paladino, Tham, Sinert
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- Routine electrolyte testing in hypertension. Nishijima, Zehtabchi, Sinert
- Routine electrolyte testing in hypoglycemia. Secko, Paladino, Sinert
- The effect of obesity on children presenting to the emergency department with acute asthma exacerbations. Hom, Morley, Flood, Hoppe, O'Neill, Sinert

In IRB Review:
- Multicenter Headache Study Dr Wiener

In Development:
- Metabolic Rates of Rats During Hemorrhage Drs. Sinert, Paladino, Morley, Soghoian
- ProCESS study of resuscitation of sepsis. Drs Sinert, Zine, Lucchesi, Nabors, Paladino, deSouza
- Lasix po vs. IV for CHF Mallemat, Darkeh
- Vitamin C for prevention of adrenal suppression after etomidate in rats. Paladino, Tham, Morley, Soghoian
- SBP chart review. Nishijima, Sinert
- Bicarbonate Gap in Ethylene Glycol Intoxication. Sinert, Soghoian, Wiener

Grant In Preparation:
American Heart Association Research Fellowship: BNP study Sinert, Paladino

R1 and homeland security for the multiple patient ventilator and disaster study. Paladino
Clot foam in stopping intraperitoneal hemorrhage in trauma. Paladino
4. Neutrolide in limiting organ re-perfusion injury in trauma resuscitation. Paladino

IRB CERTIFICATION
- If you have not gotten your IRB certification or it has been at least two years since you certified, please do so as we need to be certified as a department.

All attendings & residents are required to complete certification for “Human Participants Protection Education.” Please sign on to the CITI (Collaborative IRB Training Initiative) training program below: https://www.citiprogram.org/

RESEARCH BLOCK
This block’s residents are: Dr Ruben and Dr Rafailov

Next block’s residents are: Dr Nichols and Dr Cupid

Please speak to Dr Zehtabchi one month prior to your rotations. Also, please join us on Wednesday afternoons during your rotation in Dr. Sinert’s office at 12 PM for research meetings.

POLICY: CONFERENCE REIMBURSEMENT
For abstract presenters, our Department will reimburse you for your hotel and meeting registration. This applies to both residents and attendings, and is in addition to your CME money. Due to the new changes in department reimbursement policy, you need to contact Ms. Patella before paying for your registration, or booking for your hotel. Please refer to the department website (under Research) for details on how to obtain reimbursement.

**POLICY: AUTHORSHIP AND CONTRIBUTORSHIP**

**Byline Authors**
An "author" is generally considered to be someone who has made substantive intellectual contributions to a published study, and biomedical authorship continues to have important academic, social, and financial implications. (1) In the past, readers were rarely provided with information about contributions to studies from those listed as authors and in acknowledgments. (2) Some journals now request and publish information about the contributions of each person named as having participated in a submitted study, at least for original research. Editors are strongly encouraged to develop and implement a contributorship policy, as well as a policy on identifying who is responsible for the integrity of the work as a whole.

While contributorship and guarantorship policies obviously remove much of the ambiguity surrounding contributions, it leaves unresolved the question of the quantity and quality of contribution that qualify for authorship. The International Committee of Medical Journal Editors has recommended the following criteria for authorship; these criteria are still appropriate for those journals that distinguish authors from other contributors.

- Authorship credit should be based on 1) substantial contributions to conception and design, or acquisition of data, or analysis and interpretation of data; 2) drafting the article or revising it critically for important intellectual content; and 3) final approval of the version to be published. Authors should meet conditions 1, 2, and 3.
- When a large, multi-center group has conducted the work, the group should identify the individuals who accept direct responsibility for the manuscript (3). These individuals should fully meet the criteria for authorship defined above and editors will ask these individuals to complete journal-specific author and conflict of interest disclosure forms. When submitting a group author manuscript, the corresponding author should clearly indicate the preferred citation and should clearly identify all individual authors as well as the group name. Journals will generally list other members of the group in the acknowledgements. The National Library of Medicine indexes the group name and the names of individuals the group has identified as being directly responsible for the manuscript.
- Acquisition of funding, collection of data, or general supervision of the research group, alone, does not justify authorship.
- All persons designated as authors should qualify for authorship, and...
Department of Emergency Medicine

all those who qualify should be listed.

• Each author should have participated sufficiently in the work to take public responsibility for appropriate portions of the content.

Some journals now also request that one or more authors, referred to as "guarantors," be identified as the persons who take responsibility for the integrity of the work as a whole, from inception to published article, and publish that information.

The order of authorship on the byline should be a joint decision of the co-authors. Authors should be prepared to explain the order in which authors are listed. For further information on this and other policies visit http://www.icmje.org

GET INVOLVED IN RESEARCH!!

All faculty and residents are part of the Research Committee. On the first Wednesday of every month, ongoing projects are reviewed and new research is discussed. All PGY 2’s & 3’s must contact Dr. Zehtabchi at least one month prior to the start of your Research Rotation to setup a project. If you fail to do this your research time will be converted into clinical shifts. Everyone is encouraged to participate in at least one study (regardless of your PGY level) throughout the academic year.

Feel free to contact the Research Division: kchresearch@yahoo.com

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Dr. Eric Morley
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Eric.morley@downstate.edu

RESEARCH OFFICE HOURS

Every Wednesday Dr. Sinert will be available in his office (10 am to 4 pm) to meet with faculty and residents on research issues. Just contact Dr. Sinert one week in advance to setup a time.

Dr. Sinert
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nephron1@bellatlantic.com