

Department of Emergency Medicine

RESEARCH UPDATE –OCTOBER 2018

PUBLICATIONS PEER-REVIEWED ARTICLES

LIANG T, ROSEMAN E, GAO M, SINERT R. THE UTILITY OF THE FOCUSED ASSESSMENT WITH SONOGRAPHY IN TRAUMA (FAST) EXAM IN PEDIATRIC BLUNT ABDOMINAL TRAUMA: A SYSTEMATIC REVIEW AND META-ANALYSIS. PEDIATRIC EMERGENCY CARE 2018 NOV

MARTIN MJ, BROWN CVR, SHATZ DV, ALAM HB, BRASEL KJ, HAUSER CJ, DE MOYA M, MOORE EE, ROWELL SE, VERCRUYSE GA, **BARON BJ**, INABA K. EVALUATION AND MANAGEMENT OF ABDOMINAL STAB WOUNDS: A WESTERN TRAUMA ASSOCIATION CRITICAL DECISIONS ALGORITHM. J TRAUMA ACUTE CARE SURG. 2018 Nov;85(5):1007-1015.

LEVENE RJ, POLLAK-CHRISTIAN E, **WOLFRAM S.** A 21ST CENTURY PROBLEM: CANNABIS TOXICITY IN A 13-MONTH-OLD CHILD. J EMERG MED. 2018 OCT 16

MANUSCRIPTS

BOOK CHAPTERS/ARTICLES/EMEDICINE

#FOAMED

AURRECOCHOEA, A. MULTIPLE MYELOMA.
[HTTP://BLOG.CLINICALMONSTER.COM/2018/11/20/MULTIPLE-MYELOMA/](http://blog.clinicalmonster.com/2018/11/20/multiple-myeloma/)

MURCHISON, C. FEMUR FRACTURE IN THE ED – PLEASE REMOVE THE TRACTION
[HTTP://BLOG.CLINICALMONSTER.COM/2018/10/29/FEMUR-FRACTURE-REMOVE-THE-TRACTION/](http://blog.clinicalmonster.com/2018/10/29/femur-fracture-remove-the-traction/)

MURCHISON, C. WEDNESDAY WRAP-UP 11/28 – ANAPHYLAXIS, AV NODE BLOCKS AND CARDIOTOXIC DRUGS.
[HTTP://BLOG.CLINICALMONSTER.COM/2018/11/29/WEDNESDAY-WRAP-UP-11-28/](http://blog.clinicalmonster.com/2018/11/29/wednesday-wrap-up-11-28/)

SHAN, G. TO PAN SCAN OR NOT TO PAN SCAN – DOES EVERY TRAUMA PATIENT NEED A WHOLE BODY CT?
[HTTP://BLOG.CLINICALMONSTER.COM/2018/12/17/TO-PAN-SCAN-OR-NOT-TO-PAN-SCAN/](http://blog.clinicalmonster.com/2018/12/17/to-pan-scan-or-not-to-pan-scan/)
DECEMBER 2018 RESEARCH UPDATE
DEPARTMENT OF EMERGENCY MEDICINE

CONFERENCE ABSTRACTS & PRESENTATIONS

RESEARCH STAFF

- **RICHARD SINERT, DO** – DIRECTOR OF RESEARCH
- **SHARIAR ZEHBTACHI, MD** – ASSOCIATE DIRECTOR OF RESEARCH
- **LORENZO PALADINO, MD** – ASSISTANT DIRECTOR RESEARCH & VICE CHAIR OF NYC H+H RESEARCH COUNCIL.
- **KYLE KELSON, MD** – CHIEF RESIDENT OF RESEARCH AND ADMINISTRATION
- **MOLLY CUTRIGHT, MD** – CHIEF RESIDENT OF RESEARCH AND ADMINISTRATION
- **BRYCE PETTY** – RESEARCH COORDINATOR
- **DIONNE CLARKE** – RESEARCH COORDINATOR
- **GENIE WYATT** – RESEARCH COORDINATOR

PROJECTS IN DEVELOPMENT

ZEHTABCHI, S. REACTION TIME TO PERIPHERAL STIMULI AS A POTENTIAL BIOMARKER OF CONCUSSIVE SYNDROME IN PATIENTS WITH MILD TBI.

ZEHTABCHI, S. UTILITY OF NEAR INFRARED SPECTROPHOTOMETRY PLUS EEG IN PREDICTING CONCUSSIVE SYNDROME IN PATIENTS WITH MILD TBI.

MANUSCRIPTS IN PREPARATION: SUBMITTED

1. **ROSHANAK BENABBAS, GURURAJ SHAN, OLUMIDE AKINDUTIRE, NINFA MEHTA, RICHARD SINERT.** THE EFFECTS OF PAY FOR PERFORMANCE COMPENSATION MODEL IMPLEMENTATION ON VACCINATION RATE: A SYSTEMATIC REVIEW. SUBMITTED TO QUALITY MANAGEMENT IN HEALTH CARE

Department of Emergency Medicine

2. ADITI JAYANTH, ROSHANAK BENABBAS, JENNIFER CHAO, RICHARD SINERT. DIAGNOSTIC MODALITIES TO DETERMINE VENTRICULOPERITONEAL SHUNT MALFUNCTION: A SYSTEMATIC REVIEW AND META-ANALYSIS. SUBMITTED TO: ACADEMIC EMERGENCY MEDICINE
3. ANDREA GREENE, ROSHANAK BENABBAS, RICHARD SINERT. UTILITY OF SHORT QUESTIONNAIRE SCREENING TESTS TO DETERMINE THE PROBABILITY OF ALCOHOL CONSUMPTION DURING THE FIRST TRIMESTER OF PREGNANCY. SUBMITTED TO: ADDICTION
4. BON C, RISCINTI M, SEXTON T, BENABBAS R, MEHTA N, SINERT R. UTILITY OF CAROTID ARTERY POINT-OF-CARE ULTRASOUND IN ASSESSING FLUID RESPONSIVENESS: A SYSTEMATIC REVIEW AND META-ANALYSIS

IN DEVELOPMENT

1. MARIA-PAMELA JANAIRI, ROSHANAK BENABBAS, EDEN KIM, NINFA MEHTA, RICHARD SINERT. THE EFFECT OF SIMULATION TRAINING OF CENTRAL LINE PLACEMENT ON CATHETER-RELATED BLOODSTREAM INFECTION RATE: A SYSTEMATIC REVIEW AND META-ANALYSIS
2. BONNY J BARON, GHOLAMREZA SADEGHIPOUR ROODSARI, ROSHANAK BENABBAS, SHAHRIAR ZEHTABCHI. ELEVATED SERUM LACTATE IN TRAUMA PATIENTS WITHOUT SIGNIFICANT INJURIES.
3. ROSHANAK BENABBAS, JULIANA JARAMILLO, PETER SONG, CHAGANTI P, JEFFREY RALLO, JENNIFER CHAO, RICHARD SINERT. DIAGNOSTIC ACCURACY OF LABORATORY TESTS IN THE DIAGNOSIS OF SERIOUS BACTERIAL INFECTIONS IN FEBRILE WELL-APPEARING CHILDREN IN THE EMERGENCY DEPARTMENT: A SYSTEMATIC REVIEW AND META-ANALYSIS

4. CHAGANTI P, GORDON I, ZEHTABCHI S A SYSTEMATIC REVIEW OF FOAM DRESSINGS FOR 2ND DEGREE BURNS
5. DESOUZA S I, BENABBAS R, CARMELLI G, SEXTON T, SINERT R. PHARMACOLOGIC CARIOVERSION OF ACUTE-ONSET ATRIAL FIBRILLATION AND ATRIAL FLUTTER: A SYSTEMATIC REVIEW AND NETWORK META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS
6. JOSEPH M, JARAMILLO J, AL DUBAYAN M, SINERT R. DIABETIC KETOALKALOSIS: A CASE SERIES
7. PALADINO L, BOURDERAKIS L, ROSEN P, MCKEE S, GROSS D, BARON B, SINERT R. THE WORKUP FOR ZONE-2 PENETRATING NECK INJURIES
8. GORDON I, SINERT R. THE UTILITY OF ULTRASOUND IN DETECTING SKULL FRACTURES IN PEDIATRIC BLUNT HEAD TRAUMA
9. BALA N, CHAO J, SINERT R. THE PREVALENCE OF BACTEREMIA IN WELL-APPEARING FEBRILE SICKLE CELL PEDIATRIC PATIENTS

ONGOING STUDIES FOR ENROLLMENT

INTRANASAL KETAMINE FOR PEDIATRIC PROCEDURAL SEDATION (INK): FEASIBILITY STUDY TO DETERMINE SUCCESS RATE OF INTRANASAL KETAMINE FOR PEDIATRIC PROCEDURAL SEDATION

INITIATING INHALED CORTICOSTEROID THERAPY AT DISCHARGE FROM THE PEDIATRIC ED TO PREVENT ASTHMA RELAPSE: RCT

SICKLE CELL – CALL 917-580-6987

RESET: RIVIPANSEL: EVALUATING SAFETY, EFFICACY, AND TIME TO DISCHARGE.

INCLUSION CRITERIA - ANY PATIENT, AGE 6 AND OLDER, ADMITTED FOR SICKLE CELL DISEASE IN VASO-OCCLUSIVE CRISIS

NEURO STUDIES – CALL [347-220-8585](tel:347-220-8585)

ESETT: BENZO REFRACTORY CONVULSIVE STATUS EPILEPTICUS – ONLY ENROLLING PEDIATRICS AGES 2-18, PLEASE CALL DR. ZEHTABCHI [646-369-4111](tel:646-369-4111)

Department of Emergency Medicine

AT KINGS COUNTY HOSPITAL CENTER ONLY

KAVI- KINGS AGAINST VIOLENCE INITIATIVE

INCLUSION CRITERIA – ANY PATIENT AGE 14-21 WHO PRESENT TO KCHC FOR EVALUATION AND TREATMENT OF AN INJURY SUSTAINED VIA A INTERPERSONAL CONFLICT. WORKBOOK AVAILABLE IN PEDS ER AND CCT.

ONGOING GRANTS

EMROC – AHF
EMODS (CIR)
NETT INFRASTRUCTURE GRANT
HHC STROKE DATABASE
BHHC TBRAIN

AUTHORS NEEDED

WRITING AN EMEDICINE CHAPTER OR AN EMOCS BLOG POST IS A GREAT WAY TO LEARN A SUBJECT, ENHANCE YOUR CV AND EARN POINTS TOWARD SATISFYING YOUR ACADEMIC REQUIREMENT.

EMEDICINE CHAPTER FACULTY MENTORS INCLUDE:

SINERT, PALADINO, SILVERBERG, GERNSHEIMER, GLEYZER (ID), DESOUZA (RESUS, CV, SEPSIS), PEACOCK, AGORITSAS (PEDS), WIENER (TOX), AND QUINN (SPORTS MED/ORTHO) CONTACT: KATHLEEN ROARTY AT KROARTY@WEBMD.NET

THE ORIGINAL KINGS OF COUNTY BLOG - IF INTERESTED IN WRITING FOR THE RESIDENCY BLOG?

PLEASE CONTACT CHARLES MURCHISON (CMURCHIS@GMAIL.COM) OR RITHVIK BALAKRISHNAN (RITHVIKB@GMAIL.COM)
YOU CAN EARN SCHOLARLY ACTIVITY CREDIT FOR WRITING A DEEP DIVE POST ABOUT AN APPROVED TOPIC. THE PROJECT MUST INCLUDE A COMPREHENSIVE LITERATURE SEARCH, UNDERGO PEER REVIEW BY THE SENIOR RESIDENT EDITORS, AN OUTSIDE ATTENDING, DR. KIM AND DESOUZA, AND WILL INVOLVE A THOROUGH REVISION PROCESS. YOU CANNOT EARN BOTH ASYNCHRONOUS LEARNING CREDIT AND SCHOLARLY ACTIVITY CREDIT FOR THE SAME POST.

EMDOCS – EMERGENCY MEDICINE

EDUCATION EMOCS PROVIDES FREE OPEN ACCESS MEDICAL EDUCATION (FOAMED) RELATING TO ALL THINGS EMERGENCY MEDICINE. CONTACT DR. ALEX KOYFMAN VIA EMAIL AT akoyfman8@gmail.com OR EDITORS@EMDOCS.NET

THE WWW.THENNT.COM IS AN EVIDENCE-BASED MEDICINE WEBSITE THAT SUMMARIZES THE RESULTS OF THE PEER-REVIEWED JOURNAL ARTICLES IN A CONSISTENT, CLEAR, AND UNDERSTANDABLE MANNER BOTH FOR PATIENTS AND PHYSICIANS. IF YOU ARE INTERESTED IN WRITING A REVIEW FOR WWW.THENNT.COM, PLEASE EMAIL SHAHRIAR.ZEHTABCHI@DOWNSTATE.EDU.

SAEM NATIONAL CONFERENCE PHOTO COMPETITION:

FACULTY MENTOR: DR. MARK SILVERBERG

IRB CERTIFICATION

IF YOU HAVE NOT OBTAINED YOUR IRB CERTIFICATION OR IF IT HAS BEEN **AT LEAST TWO YEARS** SINCE YOU WERE CERTIFIED, PLEASE COMPLETE THE CERTIFICATION AS WE NEED TO BE CERTIFIED AS A DEPARTMENT. THERE IS NO LONGER A REFRESHER RE-CERTIFICATION; EVERYONE MUST TAKE THE FULL COURSE **EVERY 2 YEARS**.

ALL ATTENDINGS AND 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/](https://www.citiprogram.org/)

RESEARCH BLOCK

PLEASE EMAIL DR. KYLE KELSON OR DR. MOLLY CUTRIGHT AND DR. ZEHTABCHI ONE-MONTH PRIOR TO YOUR RESEARCH ELECTIVE. THE AIM IS TO DETERMINE YOUR RESEARCH GOALS AND TO GET YOU STARTED ON A PROJECT, WHETHER IT BE AN EMEDICINE CHAPTER, A GRANT OR AN EXISTING PROJECT. **IF YOU FAIL TO DO THIS YOUR RESEARCH TIME WILL BE CONVERTED INTO CLINICAL SHIFTS.** DURING YOUR ROTATION, JOIN US AT THE RESEARCH MEETING ON WEDNESDAY AFTERNOONS IN THE RESEARCH OFFICE AT 1 PM.

CONFERENCES

POLICY ON: REIMBURSEMENT

FOR ABSTRACT PRESENTERS, OUR DEPARTMENT WILL REIMBURSE YOU FOR YOUR HOTEL AND MEETING

Department of Emergency Medicine

REGISTRATION. THIS APPLIES TO BOTH RESIDENTS AND ATTENDING, AND IS IN ADDITION TO YOUR CME MONEY. **DUE TO THE NEW CHANGES IN DEPARTMENT REIMBURSEMENT POLICY, PLEASE CONTACT MARTHA PATELLA VIA EMAIL AT SUNYBKLYNEM@MSN.COM BEFORE PAYING FOR YOUR REGISTRATION, OR BOOKING YOUR HOTEL OR TRANSPORTATION.** PLEASE REFER TO MARTHA PATELLA'S RECENT EMAIL ON HOW TO COMPLETE THE REIMBURSEMENT PROCESS.

UPCOMING CONFERENCES: TBA

CONTACT THE RESEARCH DIVISION VIA
EMAIL: KCHRESEARCH@YAHOO.COM

DR. RICHARD SINERT
OFFICE: [718.245.2973](tel:718.245.2973)
EMAIL: NEPHRON1@GMAIL.COM

DR. SHARIAR ZEHTABCHI
CELL: [646-369-4111](tel:646-369-4111)
EMAIL: SHAHRIAR.ZEHTABCHI@DOWNSTATE.EDU

DR. LORENZO PALADINO
CELL: [917.219.6276](tel:917.219.6276)
EMAIL: L_PALADINO@MSN.COM OR LORENZOPALADINO@YAHOO.COM

DR. KYLE KELSON
CELL: [925.330.6394](tel:925.330.6394)
EMAIL: krkelson@gmail.com

DR. MOLLY CUTRIGHT
CELL: [202.329.9300](tel:202.329.9300)
EMAIL: molly.cutright@gmail.com

RESEARCH OFFICE HOURS

EVERY WEDNESDAY DR. RICHARD SINERT WILL BE AVAILABLE FOR OFFICE HOURS - 10 - 4 PM TO MEET WITH FACULTY AND RESIDENTS REGARDING ANY RESEARCH RELATED QUESTIONS/AGENDAS. PLEASE CONTACT HIM AT LEAST ONE WEEK IN ADVANCE TO SCHEDULE A TIME.