

COMPARATIVE EFFECTIVENESS & CLINICAL OUTCOMES RESEARCH CENTER

CECORC

FIRST FIVE YEARS REPORT



RIVERSIDE UNIVERSITY HEALTH SYSTEM - MEDICAL CENTER



2018 - 2023

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MEDICAL DIRECTOR'S MESSAGE

IT IS WITH GREAT PLEASURE THAT WE PRESENT TO YOU THE 2018-2023 COMPARATIVE EFFECTIVENESS AND CLINICAL OUTCOMES RESEARCH CENTER (CECORC) REPORT

CECORC was created to enhance and improve the scientific productivity of faculty, trainees, and students, at the clinical departments of RUHS Medical Center. CECORC opened officially in July 2018. Since then, many developments have occurred, which we want to share with you in this 5-year report.

CECORC initially had a core of individuals primarily serving the research needs of two major areas: surgical and medical specialties. The Medical Center plans, implemented by our visionary institutional leaders, of bringing together other RUHS departments to work in concert with the hospital and clinics to provide comprehensive patient-centered care to our community, were also inclusive of the research mission. Behavioral Health research was embraced by the CECORC team in 2021, expanding our capabilities to do multidisciplinary research. This has also been augmented by collaboration with Public Health and external institutions. The next step will include the development of a robust and comprehensive Population Health Research Program within CECORC, to support the population health efforts of the Medical Center.

As you will see in this report, the CECORC team has worked hard to promote all types of research in our hospital. The productivity has been excellent, and we are very pleased that several clinical departments have taken advantage of this precious resource to advance their research agendas.

We are indebted to the unconditional support of Mr. Zareh Sarrafian, Mrs. Jennifer Cruikshank, and Dr. Arnold Tabuenca during the last 5 years, making CECORC a reality. We are also indebted to the generosity of the Sarver Family, who provided financial support for the creation of the Surgeon-in-Chief Research Fund, allowing us to acquire initial equipment and national datasets. In addition, the Medical Executive Committee and the RUHS Foundation made substantial contributions to the RUHS Research Funds, markedly expanding our research capabilities.

We hope this report enhances the ability of all clinical departments to recruit research-oriented faculty, fellows, and residents to their departments. Now those professionals can also find a home at CECORC.

We are proud of CECORC's accomplishments, but there is a lot more to accomplish in the future. We will continue to focus on our mission to perform high-quality research at RUHS in the years to come.

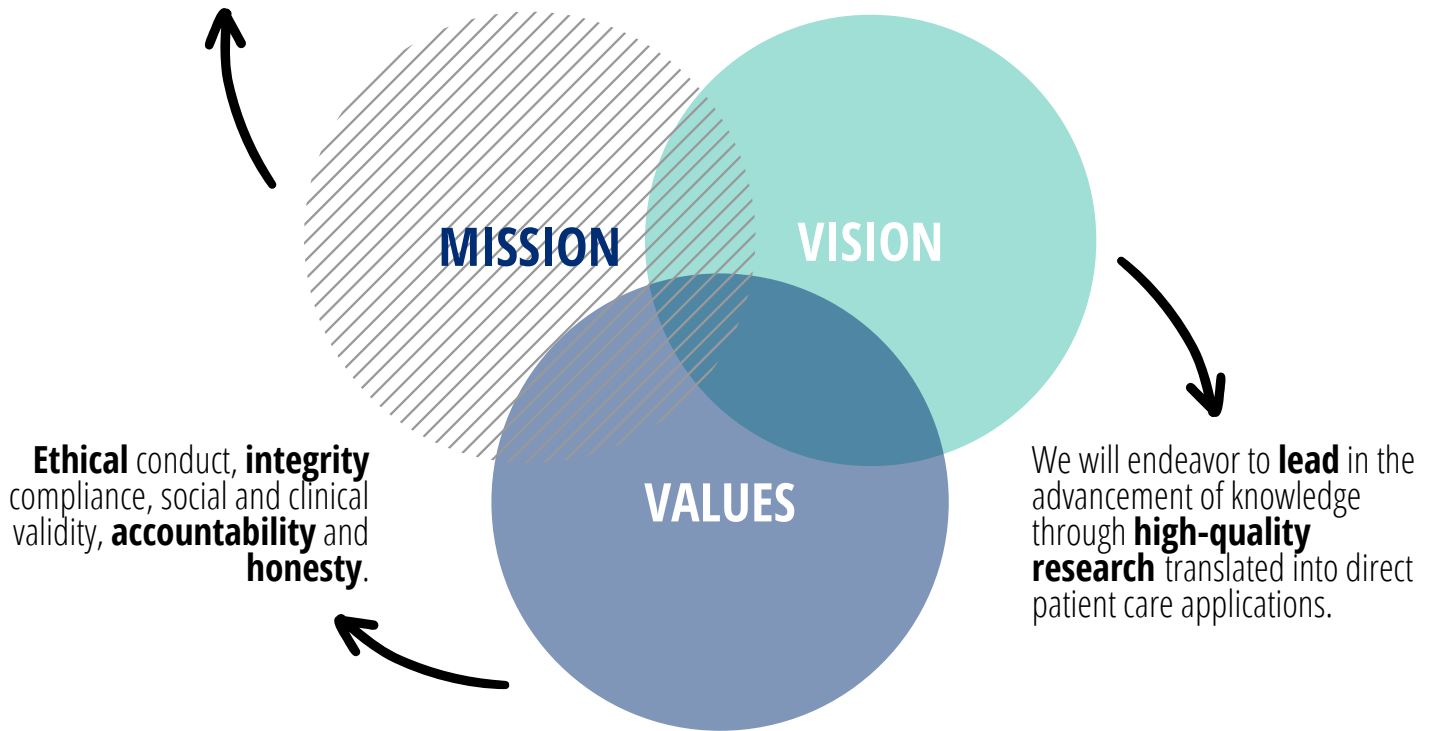
Finally, I want to thank the CECORC investigators and staff for striving for excellence every day and representing RUHS in many national and international events and the RUHS Foundation for providing the support and resources necessary for the creation of this report.

Enjoy the reading!

Raul Coimbra, MD, PhD, FACS

MISSION, VISION, AND VALUES

We **encourage** and **enable** research activities through **education, collaboration, and compliance.**



CECORC HIGHLIGHTS 2018 - 2023

226
Manuscripts
Published

International
Research
Collaborations
with high-
profile
research
centers in
Germany,
Japan, South
Korea,
Denmark and
Sweden

2
International
Research
Fellows from
Taiwan and
South Korea

61 Posters &
Presentations
at National
Scientific
Conferences

30 Abstracts
Accepted

16 COVID
Publications

Microbiologist
& Researcher
Dr. Adriana
Rosato joins
RUHS MC and
CECORC

BH Researchers
join CECORC

CECORC TEAM



2018 - 2023

SENIOR INVESTIGATORS AND STAFF



RAUL COIMBRA, MD, PHD, FACS
CECORC DIRECTOR

Dr. Raul Coimbra is the Director of the Comparative Effectiveness and Clinical Outcomes Research Center at RUHS Medical Center, and Professor of Surgery at Loma Linda University School of Medicine. Previously, Dr. Coimbra was the Director of the UCSD Level-1 Trauma Center and the Chief of the Division of Trauma, Surgical Critical Care, Burns, and Acute Care Surgery for more than two decades.

His participation in global health and international outreach is enormous. Dr. Coimbra is President of the Board of Directors for the World Coalition for Trauma Care, as well as a member of the Global Alliance for the Care of the Injured within the Division of Trauma and Injury Prevention of the World Health Organization.

In addition, Dr. Coimbra is a Past Vice-Chairman of the Committee on Trauma of the American College of Surgeons (ACS), Past President of the American Association for the Surgery of Trauma, Past President of the Panamerican Trauma Society, and Editor Emeritus of the European Journal of Trauma and Emergency Surgery.

Currently, Dr. Coimbra is the Editor-in-Chief of the prestigious Journal of Trauma and Acute Care Surgery, a Governor of the American College of Surgeons, and the Chairman of the Emergency General Surgery Verification Program of the American College of Surgeons.

Dr. Coimbra has more than 730 scientific publications and 18 books on most clinical and experimental aspects of Trauma, Emergency General Surgery, and Surgical Critical Care.



ANTHONY FIREK, MD, MS
DIRECTOR OF RESEARCH – MEDICINE

Dr. Anthony Firek is the Director of Medical Research at CECORC. He is board certified in both Internal Medicine and Endocrinology and is a member of the clinical staff at RUHS.

He is Associate Clinical Professor of Medicine at the UCR School of Medicine and a faculty member of Loma Linda University School of Medicine.

Dr. Firek has over 30 years of experience in clinical trials and clinical research studies. He is also working as a collaborative scientist in basic science projects in diabetes and thyroid cancer at LLU. He currently serves as both a PI and sub PI on a number of ongoing research projects.

His interests include developing research skills in associated faculty, residents and students, care for the transgender population, nutrition health disparities, diabetes, endocrine cancers, and metabolic related conditions.



NAVPREET DHILLON, MD
DIRECTOR OF SURGICAL RESEARCH

Dr. Navpreet Dhillon is a trauma and acute care surgeon at Riverside University Health System Medical Center. She completed her medical education and general surgery training in Southern California and went on to complete a Surgical Critical Care fellowship followed by a Trauma and Acute Care Surgery fellowship at the R Adams Cowley Shock Trauma Center at the University of Maryland. Dr. Dhillon will be assuming the role of the Director of Surgical Research at CECORC.

SENIOR INVESTIGATORS AND STAFF



ADRIANA ROSATO, PHD, MS

EXECUTIVE DIRECTOR MOLECULAR MICROBIOLOGY AND RESEARCH

Dr. Adriana Rosato is the Executive Director of the Molecular Microbiology Laboratory, Department of Pathology at Riverside University Health System. She is a Clinical Professor of Surgery at the University of California, Riverside, CA and adjunct Professor at the Division of Biomedical Sciences, Division of Microbiology at Loma Linda University. She is a member of the Gulf Coast Consortia (GCC) Cluster for Antimicrobial Resistance (GCC AMR), member of American Society of Microbiology (ASM), and the Infectious Diseases Society of America. She has received multiple awards, including Faculty Award and outstanding service as mentor including minorities. Dr. Rosato earned her MSc and Ph.D. at the University Paris XI, Pasteur Institute, Paris, France. She is an internationally recognized expert on molecular mechanisms of antibiotic resistance with emphasis in multi-drug resistant pathogens (MDR), clinical impact of resistance, and the molecular epidemiology and evolution of MDR, the host human response during MDR infections and the effects of antimicrobials and immunotherapies (e.g. cancer) on the microbiome. Her works have been published extensively (> 70). She is Editor in numerous journals of the ASM, former standing reviewer, ad-hoc of NIH and European Agencies in where her input has contributed to important funding decisions.



EMMEA MATTOX

DIRECTOR OF MEDICAL STAFF SERVICES, CECORC MANAGER

Emmea Mattox was recently appointed Director of Medical Staff Services for the Comparative Effectiveness and Clinical Outcomes Research Center (CECORC) in April 2023. She works closely with the Research Center Director, Dr. Raul Coimbra, oversees all aspects of the department, and maintains research compliance and regulatory standards.

Emmea has special training in Investigational New Drug (IND)/Investigational Device Exemption (IDE) Monitoring and sponsored drug trials. She is passionate about leading multidisciplinary research teams, study recruitment, and maintaining compliance and regulatory standards. Before joining CECORC, Emmea was a Core Director at Scripps Research Institute in San Diego and worked at the Cleveland Clinic Hospital for nearly 19 years, serving in various roles ranging from direct patient care to research and compliance.

Emmea is a native of Cleveland, Ohio and in her spare time, she enjoys spending time with her family, traveling, and spoiling her dogs.



LISA CHAN

COORDINATOR

Lisa Chan is the Coordinator for the Comparative Effectiveness and Clinical Outcomes Research Center (CECORC). She joined the County of Riverside in 2016 as a Medical Staff Coordinator. In July of 2018, Lisa had the exciting opportunity to be a part of the start-up of CECORC. A natural extrovert, she truly enjoys interacting with colleagues and assist prospective researchers. On her days off, Lisa enjoys spending time with her kids, fiancé, traveling, cooking, hiking, and getting together with friends.

BIOSTATISTICIANS

We provide all the data services that a project needs to be successful, including advice on study design, refining collection instruments, using power analysis to determine sample sizes, using advanced statistical modeling to analyze data and test hypotheses, and collaborating in the writing of manuscripts to ensure they are statistically sound. In our work, we use datasets that range from hundreds of patients from our hospital to millions of patients in national scale databases (spanning multiple medical disciplines). Our primary focus is on examining the comparative effectiveness of different modes of care and how different cohorts of interest respond to treatment.



BISHOY ZAKHARY, MPH
RESEARCH SPECIALIST II

Bishoy has expanded his bio-statistical skills for the last three years at CECORC. A graduate with an MPH from Loma Linda University, Bishoy dedicated his studies to Research Epidemiology and Biostatistics. He has extensive experience in data management and statistical analysis. With proficient utilization of Excel, SPSS, and SAS, Bishoy is able to apply his statistical skills in analyzing pilot to large datasets. Such skills include, but are not limited to, univariate analysis using chi-squared, ANOVA, pairwise comparisons hypothesis testing, general linear model, binomial and logistic regression analyses, and complex sample analyses for large survey data. In his spare time, Bishoy works to expand his statistical skill set through data camp online courses in SQL and R Programming. Bishoy hopes to continue improving and expanding his skill set while assisting in the increase of research efforts within Riverside University Health System as a key research center in Riverside County.



MATTHEW FIREK
RESEARCH SPECIALIST II

Matt Firek is a Research Specialist II at Riverside University Health System Medical Center. After earning a B.S. in chemical biology from UC Berkeley, he has been working in research for the past 11 years, from bench work to clinical trials to biostatistics. Currently he is focused on mining insights from national scale databases about the comparative effectiveness of different treatments.



TIMOTHY ALLISON-AIPA, PHD
RESEARCH SPECIALIST II

Timothy Allison-Aipa, Ph.D., is a Biostatistician who joined the Comparative Effectiveness and Clinical Outcomes Research Center (CECORC) team, by way of Loma Linda University School of Medicine, in June of 2020. In 1999, Tim earned his Ph.D. in Organizational Psychology from Alliant International University. Tim has 28 years of research experience, including 18 as a civilian and 10 as an active-duty service member (rank of Major) within the United States Army Reserves as a Research Psychologist. While on active duty, Tim was the first author of two journal articles focused on psychological health of U.S. Army soldiers. Currently, with CECORC, Tim has been a co-investigator primarily examining outcomes related to emergency general surgery using the American College of Surgeon's National Surgical Quality Improvement Project dataset. In his free time, Tim enjoys travelling with his wife, Debra, and is proud of his three children, Lauren, Matthew, and Micah.

BEHAVIORAL HEALTH RESEARCH SPECIALIST

The RUHS-Behavioral Health Team at CECORC supports scholarship related to behavioral health services, diagnoses, and the integration of behavioral and physical health. The BH Team at CECORC is responsible for supporting and developing opportunities for psychiatry faculty, psychiatry residents, and other staff to engage in scholarly activity. Primary responsibilities of the CECORC-BH Research Specialists include advising and consulting prospective researchers and scholars on study design, development of novel research questions, study protocol development, data wrangling and organization, statistical analyses, interpretation, and dissemination of results through scholarly presentation and manuscript publication.



BRANDON TRAN, PHD

RESEARCH SPECIALIST II – BEHAVIORAL HEALTH

Dr. Brandon Tran (He/Him) is a Research Specialist II with the RUHS Department of Behavioral Health and Comparative Effectiveness and Clinical Outcomes Research Center (CECORC). As a first-generation college student, Dr. Tran earned his PhD and master's degree in Social-Personality Psychology from the University of California, Riverside (UCR), specializing in Health and Well-Being and certified in Diverse, Equitable, and Inclusive (DEI) graduate pedagogy. As a researcher, Dr. Tran is fascinated by the complex interplay between biopsychosocial determinants of health and human behavior. During his time at UCR, Brandon worked with RUHS to examine how surgeons' language during pre-operative consultations affected patients' perception of their clinician and post-operative care outcomes over time, publishing their work in the *Annals of Behavioral Medicine* (2016) and *Health Communication* (2020). At CECORC, Dr. Tran uses his expertise to lead multiple projects at the intersection of behavioral and public health – addressing racial-ethnic and LGBTQ+ disparities in care, social determinants of health, and developing quality improvement initiatives to promote high reliability in healthcare. In his spare time, Brandon enjoys challenging himself with Escape Rooms and sharing a meal with family and friends.



KUNIKO CHIJIWA, PHD

RESEARCH SPECIALIST II – BEHAVIORAL HEALTH

Kuniko Chijiwa, PhD, is a Research Specialist II (RS II) who joined the CECORC at RUHS–Medical Center in June 2023 after working at RUHS–Behavioral Health, Research Unit as an RS I for the past year. As a PhD in Sociology from the University of Florida, her research focuses on population inequality and racial/ethnic disparity in health and wellbeing using integrated research methods, which she applied over the past decade working in the Epidemiology Department at Virginia Commonwealth University and later in the San Bernardino County Probation Department. She has considerable experience in managing large quantitative data, survey design and implementation, and in conducting advanced statistical modeling. She enjoys using her skills in spatial analysis and mapping when community-level data are available to identify target communities, deprived populations, and health disparities. With a BA in Art, she has also contributed to innovative design elements in visual data presentation. In her free time, Kuniko loves to spend time with their 20 cats plus various wildlife in Yucaipa and working in her backyard garden.



ALAA BIERMAN, DRPH

RESEARCH SPECIALIST I – BEHAVIORAL HEALTH

Alaa Alabadi-Bierman is a Research Specialist at Riverside University Health System-Behavioral Health (RUHS-BH) and the Comparative Effectiveness and Clinical Outcomes Research Center (CECORC). She is a compassionate leader with a desire to provide culturally relevant solutions for populations facing an increased risk for health disparities. She is a Certified Health and Wellness Coach (NBC-HWC) and holds a master's degree (MPH) in Research Epidemiology from Loma Linda University where she also earned her doctoral degree in Preventive Care. Prior to joining CECORC, Dr. Alabadi-Bierman was an Epidemiologist at Los Angeles County Department of Public Health (LADPH) with almost four years of experience as a Public Health Practitioner. Her research interest focuses on longevity, lifestyle, and identifying the most effective strategies for promoting healthy behaviors and preventing chronic diseases like heart disease, diabetes, and cancer.

CLINICAL TRIAL COORDINATORS

Research Specialists oversee and coordinate clinical trials conducted at RUHS Medical Center, working with physicians, sponsors, regulatory agencies, and other healthcare professionals to ensure the proper execution of trials and protect subjects' rights and safety. From participant screening, recruitment, data collection, laboratory processing, conducting informed consent, and data collection in collaboration with other research institutions, Research Specialists play a crucial role in the scientific assessment of new drugs or devices to improve patient care.



ANA LOPEZ
RESEARCH SPECIALIST II

Ana has been passionately working for Riverside County for 27 years. She joined the CECORC team in November 2019. She graduated with honors from CSUSB with a BS degree in Health Science majoring in Public Health. She works conducting clinical research trials at RUHS Medical Center. She focuses on enhancing the lives of others by reaching crucial steps in the development of new drugs that can safely be utilized and dispensed worldwide. She is motivated by her dedication to guiding, aiding and advocating for underserved populations and the belief that there are two types of people in the world: Ones who accept the world as it is and ones who strive to change it. Ana, on her free time, enjoys spending time with family, crafting, and traveling. Additionally, she intends on visiting all the wonders of the world.



XIAOFEI (MICHAEL) ZHANG, MD, PHD
RESEARCH SPECIALIST II

Nicknamed Michael, he has medical and toxicological backgrounds with publications of original research papers, reviews, and a book chapter. Under the title of Research Specialist, he is working as the equivalent role of a clinical research coordinator in the team to conduct the surgical clinical trials for the development of new drugs, devices, and treatment modalities. Michael is also helping with the data collection by chart reviewing for the retrospective clinical studies. He is a volunteer for the Stop the Bleed class free to the public for trauma prevention. Cooking and gardening are his favorite activities outside of work.

EMERGENCY GENERAL SURGERY PROGRAM STAFF

The Emergency General Surgery (EGS) Program team at RUHS is a group of individuals dedicated to helping the hospital establish and maintain the highest standards in emergency general surgery by trending care provided to patients presenting with common EGS conditions as well as engaging in continuous quality and process improvement discussions and initiatives.

The EGS Verification Program team consists of the EGS Medical Director, who maintains oversight and accountability for clinical care and quality throughout the EGS program; the EGS Program Manager, who manages and coordinates the program's administrative functions and supports the Medical Director; the Quality Improvement Coordinator, who is responsible for quality improvement methodology and leading data-driven QI initiatives; and a Clinical Data Abstractor who abstracts and reports data relevant to the program.

Clinical Research is a critical component of the EGS verification program. The team is involved in facilitating EGS research by obtaining data from RUHS-MC EGS Registry using the NSQIP Platform.



SELINA LEE, BSN, RN

EMERGENCY GENERAL SURGERY (EGS) PROGRAM MANAGER

Selina is a Registered Nurse with over 27 years of nursing experience in the acute, sub-acute, ambulatory, correctional, and in-home patient care settings. Her vast experience includes Quality Management, Outpatient Clinic Management, Specialty & Ambulatory Clinic Supervision, Infusion Specialist, Critical Care, Urgent Care, & Emergency Care Nursing, and Chronic Care Management. Selina earned her Doctor of Ministry degree from Next Dimension University and her Bachelor of Science in Nursing degree from the University of Phoenix.

As EGS Program Manager, Selina is dedicated to managing and coordinating the administrative functions of the program by maintaining a collaborative working relationship with the EGS Medical Director and maintaining a functional system of collaboration for programmatic, data, and quality improvement needs. Selina is passionate about foreign travel, attending music concerts and festivals, and spending quality time with her grandchildren and great-grandchildren.



VENICE RAMOS, LVN

EMERGENCY GENERAL SURGERY SURGICAL CLINICAL REVIEWER

Venice Ramos joined the Comparative Effectiveness and Clinical Outcomes Research Center (CECORC) in December 2020 as a Surgical Clinical Reviewer and Quality Improvement support for the Emergency General Surgery Verification Program. Venice has been an LVN for 26 years and started her journey working various roles at a Skilled Nursing/Long Term Care facility before working bedside at an Acute Care hospital in the Telemetry unit. She then continued her nursing journey at Arrowhead Regional Medical Center, working in the Quality Management/Performance Improvement Department and Regulatory Department. On her days off she enjoys spending time with her family and eagerly awaits the arrival of her first grandchild in July 2023.

NATIONAL SURGICAL QUALITY IMPROVEMENT PROGRAM (NSQIP)

Preoperative risk factors, preoperative laboratory values, intraoperative variables, 30-day postoperative mortality, and 30-day morbidity on all patients undergoing major operations which meet program criteria are collected by a trained Surgical Clinical Reviewer (SCR), who enters the data into a secure online quality data platform. Quarterly, detailed risk-adjusted reports are distributed to the participating centers. These reports allow each facility to benchmark their outcomes in real time against ACS NSQIP participants. The American College of Surgeons NSQIP Platform can also be formatted for research purposes containing de-identified data from all participating hospitals. The NSQIP research dataset is available to RUHS-MC researchers and clinicians.



SHEILA GILBERT, LVN

NATIONAL SURGICAL QUALITY IMPROVEMENT PROGRAM (NSQIP) COORDINATOR/SURGICAL CLINICAL REVIEWER

Sheila Gilbert, LVN, is the SCR/NSQIP Registry Site Manager for CECORC. She obtained her License in Vocational Nursing from Summit Career College in Colton, California. Sheila is currently a Surgical Clinical Reviewer and Program Site Manager for the American College of Surgeons National Surgical Quality Improvement Program for Riverside University Health System. Sheila has 19 years of nursing experience, 15 at RUHS working in surgical specialties units, medical surgical units, outpatient clinics, Infection Control and Department of Research.

SUPPORTING RESEARCH AT CECORC

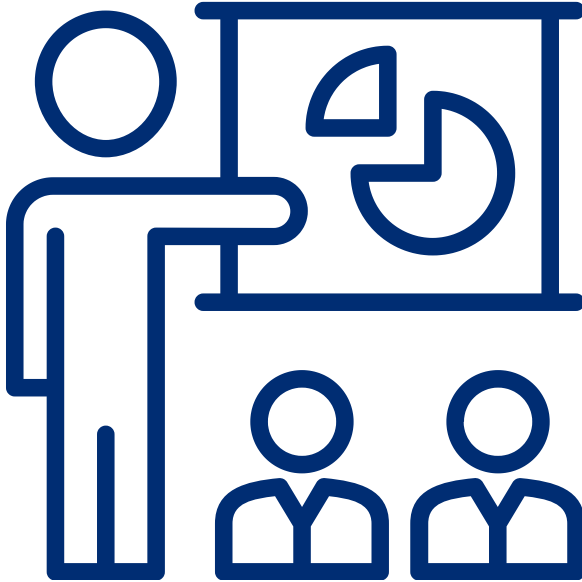


2018 - 2023

SUPPORTING RESEARCH AT CECORC

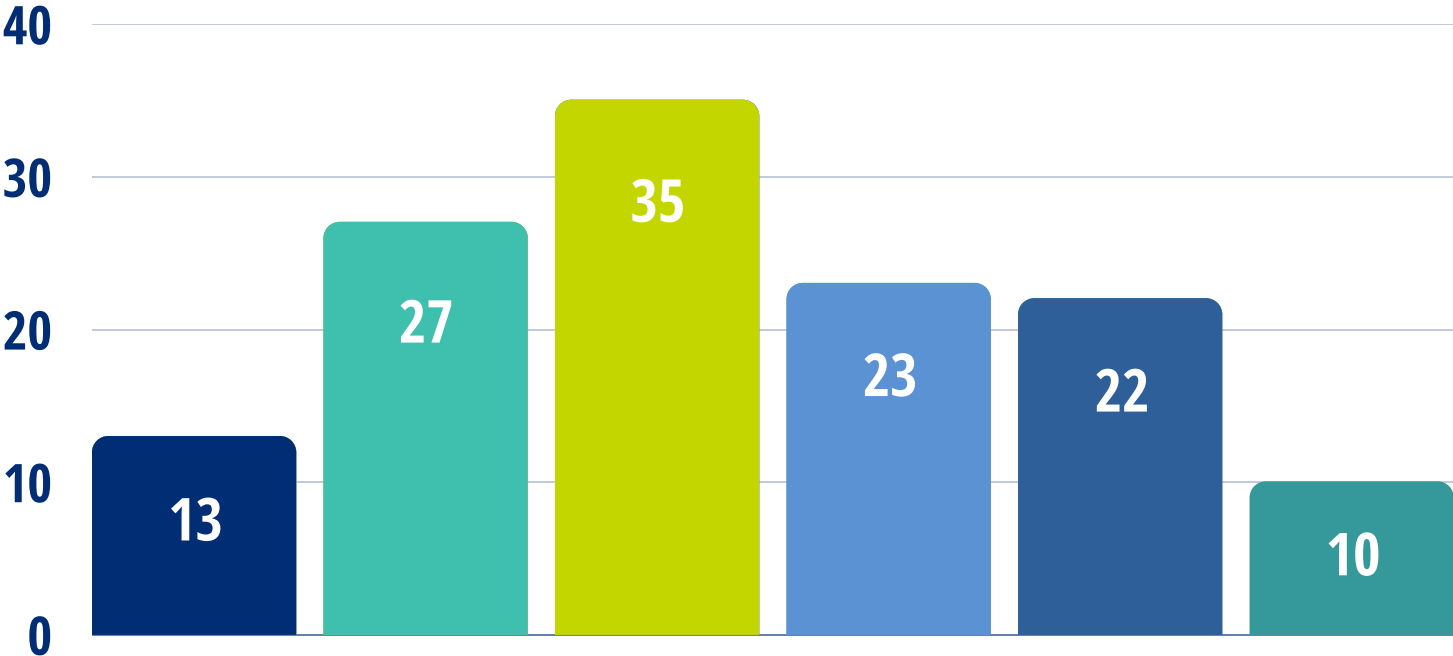
CECORC PROVIDES SUPPORT TO RUHS-MC FACULTY, STAFF , AND RESIDENTS WITH RESEARCH DESIGN AND DATA ANALYSIS.

- Review and provide constructive feedback for research proposals
- Biostatistical support
- Assist with abstract and submission to scientific meetings
- Educate about manuscript preparation



RESEARCH PROPOSALS EVALUATED BY CECORC

■ 2018 ■ 2019 ■ 2020 ■ 2021 ■ 2022 ■ 2023



PROJECTS REVIEWED

CECORC NEW PROPOSAL PRESENTATIONS 2018 – JULY 2023

2023 (10)

Presenting: Gabrielle A Pina, DO

PI: Gabrielle A Pina, DO

Co-investigators: Oluwafisayomi Nwachukwu, DO

Department: Pediatrics

Title: Parents reading aloud about diversity for preemies: A focused research project to improve literacy and parent bonding for premature infants at a local county NICU hospital

Biostatistician: Matt Firek

Presenting: Victor Lei, DO; Jimmy Ta Nguyen, MD; Anthony James Trinidad, MD

PI: Nathan McLaughlin, MD

Co-investigators: Victor Lei, DO; Jimmy Ta Nguyen, MD; Anthony James Trinidad, MD; Riceley Yan, DO; Bruce Weng, MD

Department: Family Medicine

Title: Comparing the Efficacy of Triple versus Quadruple Therapy for Initial Two Week Treatment of H. pylori in Adults in Moreno Valley Community Health Center in Riverside County for Cost Optimization

Biostatistician: Tim Allison-Aipa, PhD

Presenting: Alexander Schurman, MD

PI: Beatriz Leong, MD

Co-investigators: Afshin Molkara, MD, Ahmed Abou-Zamzam MD; Paul Albini MD; Alexander Schurman MD; Sandra Iskandar, BS

Department: Surgery

Title: Social vulnerability as a risk factor for amputation and post-operative complications in California - A Vascular Quality Initiative analysis

Biostatistician: Brandon Tran, PhD and Tim Allison-Aipa, PhD

Presenting: Kalisa Lum, BS

PI: Harry Dao, Jr, MD

Co-investigators: Kalisa Lum, BS; Xuyan Sun MS; Patricia Principe, BS; Michael Staton, MD; Ashley Elsensohn, MD

Department: Dermatology

Title: Calciphylaxis: A retrospective review emphasizing the interplay between clinical, histopathologic, and radiographic findings

Biostatistician: Bishoy Zakhary, MPH

CECORC NEW PROPOSAL PRESENTATIONS 2018 – JULY 2023

Presenting: Bansuri Patel, DO

PI: Dr. Steve Serrao, MD, MPH, PhD

Co-investigators: Dr. Wichit Srikureja, Bansuri Patel, DO

Department: Gastroenterology

Title: Implementation of an Advanced Endoscopist reduces inpatient MRCP orders and time to endoscopy in a county hospital, a retrospective and prospective study

Biostatistician: Tim Allison-Aipa, PhD

Presenting: Vitaley Kovalev DO MS/MPH

PI: Alexis Plasencia, MD

Co-investigators: Vitaley Kovalev DO MS/MPH, David Caba MD MPH, Gonzalo Fernandez Christlieb MD MPH

Department: Colorectal Surgery

Title: Optimal timing of urinary catheter removal following low abdominal resection (LAR) and abdominoperineal resection (APR): a randomized controlled trial.

Biostatistician: Brandon Tran, PhD

Presenting: Vitaley Kovalev DO MS/MPH

PI: Alexis Plasencia, MD

Co-investigators: Vitaley Kovalev DO MPH, Gonzalo Fernandez Christlieb MD MPH, Kristen Anderson MD, Timothy Allison-Aipa, PhD

Department: Colorectal Surgery

Title: Ovarian metastases from a primary colorectal cancer; role of routine colonoscopy in the diagnosis of ovarian tumors

Biostatistician: Tim Allison-Aipa, PhD

Presenting: Lan-Anh Annie Nguyen, MD

PI: Marcos Michelotti, MD

Co-investigators: Anh Annie Nguyen, MD; Gonzalo Fernandez Christlieb, MD, MPH; Laylah Zelko, MD

Department: Department of Surgery – Minimally Invasive Surgery

Title: Postoperative shoulder pain in robot assisted hiatal hernia repair in relation to intraoperative insufflation pressures with use of AirSeal® system.

Biostatistician: Bishoy Zakhary, MPH

CECORC NEW PROPOSAL PRESENTATIONS 2018 – JULY 2023

Presenting: Vitaley Kovalev DO MPH

PI: Alexis Plasencia, MD

Co-investigators: Vitaley Kovalev DO MPH, Gonzalo Fernandez Christlieb MD MPH

Department: Colorectal Surgery

Title: Evaluation of Fistulotomy with Primary Sphincteroplasty for the Management of Complex Anal Fistula

Biostatistician: Tim Allison-Aipa, PhD

Presenting: Melanie Randall, MD

PI: Melanie Randall, MD

Co-investigators:

Department: Emergency Dept

Title: Complications of wait and see management of ingested foreign bodies in inmates and prisoners

Biostatistician: Bishoy Zakhary, MPH

2022 (22)

Presenting: Stephanie Bandera, B.S.

PI: Stephanie Bandera, B.S.

Co-investigators: Nancy Gupta, MD; Quyen Phan, PharmD

Department: Pharmacy

Title: Clinical pharmacist role in the prevention of herpes zoster infection in IBD patients in an underserved population

Presenting: Nicholas Olin, MD

PI: Afshin Molkara, MD

Co-investigators: Nicholas Olin, MD; Alexander Schurman, MD; Lauren Arbetman, MD

Department: Surgery

Title: Retrospective review of utilization of intraoperative venogram vs duplex ultrasound vein mapping for dialysis access planning. Which is more effective?

Presenting: Vivian Luu, BS

PI: Quyen Phan

Co-investigators: Vivian Luu, BS

Department: Pharmacy and Internal Medicine

Title: Limiting Factors of Adherence to Continuous Glucose Monitoring Sensors in Diabetic Patients within an Internal Medicine Clinic at a County Medical Center

CECORC NEW PROPOSAL PRESENTATIONS 2018 – JULY 2023

Presenting: Jeremy Price, BCCCP

PI: Jeremy Price, BCCCP

Co-investigators: Stephanie Lee; Brian Phan, PharmD BCCCP; Sarah Edwards, MD, MS, FACS; Paul Albini, MD, FACS; Stephen Kernop MSN-Ed RN TCRN CEN CPEN CFRN

Department: Pharmacy

Title: Thromboelastography with platelet mapping in traumatic brain injury (TBI) patients at an Academic, Level-1 Trauma Center

Presenting: Jacqueline Powell

PI: Quyen Pham, PharmD

Co-investigators: Jacqueline Powell

Department: Pharmacy/Internal Medicine

Title: Clinical Pharmacist Role in Expanding Access to Care for Hepatitis-C Patients During the COVID-19 Pandemic.

Presenting: Danyal Omar Imam

PI: Pejman Solaimani

Co-investigators: Danyal Omar Imam

Department: RUHS Gastroenterology

Title: The Effectiveness of Diphenhydramine as an Adjunct to Midazolam and Fentanyl use for Sedation in Young Undergoing Endoscopic Evaluation; A Single Center Retrospective Study

Presenting: Stephanie Kourtakis, PharmD, BCACP

PI: Stephanie Kourtakis, PharmD, BCACP

Co-investigators: Richard Abaniel, PharmD, RPh

Department: Pharmacy

Title: Assessment of Glucose Monitoring Experience with Continuous Glucose Monitoring Device in Patients with Type 2 Diabetes Mellitus on Non-Insulin Therapy: a Pilot Study

Presenting: Tri Mai

PI: Heidi Pang, DO

Co-investigators: Melody Avakian, Anasheh Almasi, Arash Afshar, Tri Mai

Department: Family Medicine

Title: Efficacy of sitagliptin and metformin as combination therapy compared to metformin monotherapy in patients with type 2 diabetes in Moreno Valley population

CECORC NEW PROPOSAL PRESENTATIONS 2018 – JULY 2023

Presenting: Seema Mukadam, MD

PI: Seema Mukadam, MD; Aarti Mittal, DO

Co-investigators: Ashley Almajan, DO; Danyal Imam, MD; Jonathan Min, MD; Rhett Molloy, MD, PhD; Fatima Beenish Naqvi, MD; Bansuri Patel, DO; Kevin Shiah, DO

Department: Department of Internal Medicine & Department of Pulmonology/Critical Care

Title: A Simulation Based Rapid Response Curriculum to Improve Internal Medicine Resident Performance and

Confidence: Exploring More than Just Cardiac Arrest

Presenting: Gi Yoon Kim, MD (PGY5)

PI: Dr. Nephtali Gomez, Dr. David Caba

Co-investigators: Gi Yoon Kim, MD (PGY5)

Department: Surgical Oncology/Endocrine Surgery

Title: Cost of workup for an adrenal incidentaloma is geriatric population in Community setting

Presenting: Mariam Gilmore, DO

PI: Mariam Gilmore, DO

Co-investigators: Michael Ulrich, MD, Ashley Almajan, DO, Beenish Naqvi, MD

Department: Internal Medicine

Title: A Longitudinal Point-of-Care Ultrasound Curriculum and Assessment of Internal Medicine Residents

Presenting: Chiao An (Joanne) Chiu, Pharm.D., BCIDP

PI: Joann Chiu and Nikki Mulligan

Co-investigators: Bruce Weng

Department: Department of Pharmacy / Department of Internal Medicine, Infectious Disease

Title: Appropriateness of Antimicrobial Use (AU) and Social Determinants of Health (SDoH)

Presenting: Komail Mujtaba Ali, MD

PI: Kim Jaye Pharm.D., Steve Serrao, MD

Co-investigators: Komail Mujtaba Ali, MD, Quyen Phan, PharmD, Manpreet Singh MS3

Department: IM/Pharmacy

Title: To determine the effectiveness of the RUHS-Poor Prep Protocol to achieve adequate colon preparation in patients with previous inadequate colon preparation during colonoscopy.

CECORC NEW PROPOSAL PRESENTATIONS 2018 – JULY 2023

Presenting: Vaneet Kaur Sandhu, MD

PI: Vaneet Kaur Sandhu, MD

Co-investigators:

Department: Division of Rheumatology, Department of Medicine

Title: Clinical Pharmacist Care Teams in the Management of Rheumatoid Arthritis and Lupus: A Patient-Centered Care Analysis

Presenting: Hanson Tam, PharmD

PI: Man Nguyen, PharmD, BCCCP, BCPS

Co-investigators: Hanson Tam, PharmD and Brian Phan, PharmD, BCCCP

Department: Pharmacy

Title: Evaluating Impact of Standard Versus Non-Standard Dosing of Dexamethasone in Patients with COVID-19

Presenting: Ricardo Diaz, PharmD

PI: Tong Huang PharmD

Co-investigators: Ricardo Diaz PharmD, Jimmy Hernandez PharmD, Quyen Phan PharmD

Department: Pharmacy

Title: Clinical outcomes of initiating sodium-glucose cotransporter 2 inhibitors in admitted heart failure patients at a large academic medical center

Presenting: Ashley Almajan, DO

PI: Ashish Sinha

Co-investigators: Ashley Almajan, Seema Mukadam, Aarti Mittal, Danyal Imam, Fatima Naqvi, Bansuri Patel, Rhett Malloy, Kevin Shiah

Department: RUHS Internal Medicine

Title: A Simulation Based Rapid Response Curriculum to Improve Medical student Performance and Confidence: Exploring More than just Cardiac Arrest

Presenting: Rachel Mong, PharmD

PI: Andy Williams, PharmD, BCPP

Co-investigators: Rachel Mong, PharmD

Department: Pharmacy

Title: Use of Emergent Intramuscular Diphenhydramine, Haloperidol, and Midazolam in Acute Agitation Management

CECORC NEW PROPOSAL PRESENTATIONS 2018 – JULY 2023

Presenting: Marilyn La, PharmD

PI: Marilyn La, PharmD

Co-investigators: Chiao An Chiu, PharmD, BCIDP; Nikki Mulligan, PharmD; Bruce Weng, DO; Patrick Wu, DO

Department: Pharmacy

Title: Long-Acting Intramuscular Cabotegravir (CAB) and Rilpivirine (RPV) (Cabenuva®) in Adults for the Maintenance of HIV-1 Suppression and for the Improvement of Treatment Adherence in County-Based Clinics in Riverside County

Presenting: Stefanie Schwab, PharmD

PI: Andrew Williams, PharmD, BCPP

Co-investigators: Stefanie Schwab, PharmD; Niyati Butala, PharmD, BCPP

Department: Pharmacy

Title: Medication Utilization for Managing Agitated Patients Based on Implicit Bias

Biostatistician: Tim Allison-Aipa, PhD

Presenting: Maru Kim, MD, PhD

PI: Maru Kim, MD, PhD

Co-investigators:

Department: Catholic University of Korea / CECORC

Title: Readmission after traumatic amputation in lower extremity

Biostatistician: Bishoy Zakhary, MPH

Presenting: Brandon Tran, PhD

PI: Nathan Rogers, MD & Brandon Tran, PhD

Co-investigators:

Department: Psychiatry

Title: Exploring the Prevalence of Diagnosed Versus Suspected Catatonia in a Safety-Net Behavioral Healthcare System (Catatonia Diagnostic Effectiveness [CDE] Project: Phase 1 of 4)

Biostatistician: Brandon Tran, PhD

CECORC NEW PROPOSAL PRESENTATIONS 2018 – JULY 2023

2021 (23)

Presenting: Brian Phan, PharmD, BCCCP

PI: Brian Phan, PharmD, BCCCP

Co-investigators: Anh Nguyen, PharmD, BCPS, BCCCP and Jeremy Price, PharmD

Department: RUHS Medical Center – Department of Inpatient Pharmacy

Title: Continuous Ketamine Infusion in Mechanically Ventilated Patients with SARS-CoV-2

Presenting: David Shofler, DPM

PI: David Shofler, DPM

Co-investigators: Rebecca Moellmer DPM

Department: Podiatry

Title: Evaluation of a Closed Incision Negative Pressure Dressing to Reduce Complications Following Transmetatarsal Amputations

Presenting: Brian Phan, PharmD, BCCCP

PI: Brian Phan, PharmD, BCCCP

Co-investigators: N/A

Department: Pharmacy (MIT study)

Title: Assessing Current Analgesia and Sedation Weaning Practices in Adult Critically Ill Patients

Presenting: Victoria Shin, DO

PI: Ryan Buller, DO

Co-investigators: Leticia Barksdale, MD; Victoria Shin, DO

Department: RUHS, UCR

Title: The Effect of the COVID-19 Pandemic on the Mental Health of Athletes

Presenting: Lulu Wong, MD

PI: Dr. Harry Dao

Co-investigators: Dr. Lulu Wong, Dr. G. Alden Holmes, Dr. David Borg, Teresa Cerritos, Leah Shin, Kalisa Lum

Department: LLU Dermatology and RUHS Dermatology (LLU affiliated)

Title: Evaluating patient satisfaction and perspectives of teledermatology at Loma Linda University

CECORC NEW PROPOSAL PRESENTATIONS 2018 – JULY 2023

Presenting: Dr. Ronald McCowan

PI: Dr. Ronald McCowan

Co-investigators: n/a

Department: Internal Medicine

Title: Comfort care at RUHS may not be achieving the goal of providing patients with controlled symptoms and ease as hoped for

Presenting: Alexander Schurman MD

PI: Afshin Molkara MD

Co-investigators: Kristyn Mannoia MD, Alexander Schurman MD, Shauna Trinh MD, Maksim Gusev MD, Rafael Gumerato

Department: Surgery

Title: COVID-19 related amputations, an ACS-NSQIP database powered study

Presenting: Trevor Silva, MD

PI: David Caba Molina, MD

Co-investigators: Trevor Silva MD, Brandon Vu MD, Biran Sinjali BS

Department: RUHS Surgical Oncology

Title: Preoperative risk factors and outcomes for laparoscopic and converted to open appendectomies in incidental appendiceal tumors: A review of the ACS NSQIP database

Presenting: Dr. Bruce Weng

PI: Dr. Bruce Weng

Co-investigators: Made Sutjita, Patrick Wu, Chiao An Chiu, Nikki Mulligan

Department: Infectious Disease

Title: Fluoroquinolone Restriction for the Prevention of Clostridioides difficile Infections (The FIRST Trial)

Presenting: Roxanne Favis, DO

PI: Borin Hou, MD

Co-investigators: Roxanne Favis DO, Danny Bouz DO, Ellice Kang DO, Adam Kreutzer DO, Ario Ramezani MSIII, Sina Bagheri MSIII

Department: Anesthesia, Orthopedic Surgery

Title: The Use of Preoperative Pain Education and Expectation Assessment on Predicting Severity of Postoperative Pain and Rehabilitation Participation

CECORC NEW PROPOSAL PRESENTATIONS 2018 – JULY 2023

Presenting: Rafael R. Gumerato

PI: Paul Albin, MD

Co-investigators: Rafael R. Gumerato, Alexander Schurman MD, Matthew Firek

Department: Surgery

Title: COVID 19 pandemic and the changes in trauma presentations to RUHS - MC: penetrating injuries as a socioeconomically biased pandemic?

Presenting: Jacqueline Horn

PI: Jacqueline Horn

Co-investigators: Anthony Firek, Dhruv Khurana, Susanna Zamarripa, Bijan Sasaninia

Department: RUHS/CECORC

Title: One Year Into The Pandemic: The Effects of COVID-19 On The Well-Being of Intensive Care Unit (ICU) And Non-ICU Nurses

Presenting: Morvarid Tavassoli, MD

PI: Sharon Lum, MD

Co-investigators: Morvarid Tavassoli, MD; Esther Lee, MD; Trevor Silva, MD

Department: Surgery

Title: Is high BMI a prohibitive factor in breast reconstruction after mastectomy? A retrospective analysis at a safety-net hospital

Presenting: Justin Chang, PharmD

PI: Anh Nguyen, PharmD

Co-investigators: Paul Albin, MD; Justin Chang, PharmD

Department: Pharmacy

Title: A Comparison of Monotherapy or Combination Therapy with Antipsychotic Medications for Intensive Care Unit Delirium: A Retrospective Cohort Study

Presenting: Stefanie Schwab, PharmD

PI: Andrew Williams, PharmD, BCPP, BCGP

Co-investigators: Stefanie Schwab, PharmD, Niyati Butala, PharmD, BCPP, Sabrina Snyder, PharmD, BCPP, Dalea Kandela, PharmD

Department: RUHS - Pharmacy

Title: Psychiatric pharmacist impact on antipsychotic polypharmacy usage in a safety-net inpatient psychiatric hospital

CECORC NEW PROPOSAL PRESENTATIONS 2018 – JULY 2023

Presenting: Zachary Hackworth, PharmD

PI: Brian Phan, PharmD, BCCCP

Co-investigators: Zachary Hackworth, PharmD; Jeremy Price, PharmD; Suman Thapamagar, MD

Department: Inpatient Pharmacy

Title: Hyperchloremia and Acute Kidney Injury in Patients with Intracranial Hemorrhage

Presenting: Karolina Kapustova, PharmD

PI: Mia Choi, PharmD

Co-investigators: Brian Phan, PharmD., Karolina Kapustova, PharmD

Department: Pharmacy

Title: Rate Control With Intravenous Diltiazem vs. Metoprolol in the Management of Atrial Fibrillation with Rapid Ventricular Response (RVR) in the Setting of Heart Failure with Reduced Ejection Fraction (HFrEF)

Presenting: Connie Kang, PharmD

PI: Andy Williams, PharmD, BCPP, BCGP

Co-investigators: Connie Kang, PharmD; Natalia Butala, PharmD, BCPP

Department: Pharmacy

Title: Agitation Medication Treatment Practices in Obese Patients Admitted to Emergency Department

Presenting: Haley Andrews

PI: Haley Andrews

Co-investigators: Susie Park, Jimmy Hernandez, Melissa Mitchell, Andrew Williams, Sabrina Snyder

Department: Pharmacy

Title: Pharmacy-driven intervention for the appropriate use of droperidol in acute agitation management

Presenting: Kathie Huang

PI: Kathie Huang

Co-investigators: Almira Yang

Department: Internal Medicine

Title: Crossing the transgender care gap: building confidence to provide competent and compassionate care through internal medicine resident education

CECORC NEW PROPOSAL PRESENTATIONS 2018 – JULY 2023

Presenting: Tong Young Huang

PI: Shivang Shah

Co-investigators: Zhengran Wang, Mohammad Jaber, Tong Young Huang, Rhett Molloy

Department: Cardiology

Title: Effects of Methamphetamine Cessation on Methamphetamine-Associated Heart Failure, a Retrospective Study

Presenting: Melanie Randall, MD

PI: Melanie Randall, MD

Co-investigators: Tom Minahan, Michael Mesisca

Department: Emergency Department

Title: Utility of post-transfusion hemoglobin measurement in non-trauma patients in the emergency department

Presenting: Dallyn Udall, DO

PI: John Schlechter, DO

Co-investigators: Dallyn Udall, DO

Department: RUHSMC Orthopedics

Title: Efficacy of DIY Cast Covers: An In Vivo Study

2020 (35)

Presenting: Jennifer Hum, PharmD, BCACP, APh, CDCES

PI: Jennifer Hum, PharmD, BCACP, APh, CDCES

Co-Investigators: Vaneet Sandhu, MD

Department: Internal Medicine

Title: Effectiveness of a physician-pharmacist collaborative drug therapy management rheumatology clinic

Presenter: Stacey Podkovik, DO

PI: Dan Miulli, DO

Co-investigators: John Ogunlade, DO; Stacey Podkovik, DO

Department: Neurosurgery

Title: Background and Management of DVT Rates in Morbidly Obese Traumatic Spinal Fusion Patients

Presenter: Jose Rodriguez-Garcia, MD

PI: Shunling Tsang, MD

Co-investigators: Jose Rodriguez-Garcia, Kayla Ramsey, Jasmin Awadeh

Department: Family Medicine

Title: 1-year LARC Discontinuation Rate Between Age Groups: A Retrospective Study at RUHS Community Health Centers

CECORC NEW PROPOSAL PRESENTATIONS 2018 – JULY 2023

Presenter: Cynthia Orantes, MD

PI: Cynthia Orantes, MD

Co-investigators: My Van Nguyen, MD, Gabrielle Balan, MD

Department: Pediatrics

Title: A Quality Improvement Project; Using Interdisciplinary Education Improve Pulse Oximetry Usage in Hospitalized Children with Acute Respiratory Disease

Presenter: Mina Kazemian, DO

Principal Investigator: Telianna Chon, DO

Co-investigators: Mina Kazemian, DO

Department: Anesthesia

Title: Incidence of Post-Operative Nausea and Vomiting (PONV) at RUHS and Variance Between Anesthesia Providers in Their Years of Training

Presenter: Gabrielle Balan, MD

Principal Investigator: Gabrielle Balan, MD

Co-investigators: Chennelle Thomas, MD

Department: Pediatrics

Title: Utilizing the Olsen Growth Curves to Reduce Misclassified Newborns and Prevent Unnecessary Painful Pokes

Presenter: Christina Downey, MD

PI: Christina Downey, MD

Department: Rheumatology

Co-investigators: Kelly Downey, MD

Title: Association of Methamphetamine Use and Vasculitis and Myositis in an Academic Hospital

Presenter: Shauna Trinh MD

PI: Afshin Molkara, MD

Co-investigators: Alexander Schurman MD; Shauna Trinh MD

Department: Surgery

Title: A Nationwide Study of Extracranial Carotid Artery Aneurysms: Management and Outcomes

CECORC NEW PROPOSAL PRESENTATIONS 2018 – JULY 2023

Presenter: Dr. Adriana Rosato and/or Dr. Bruce Weng

PI: Dr. Adriana Rosato

Co-investigator: Dr. Bruce Weng

Department: Pathology

Title: Inflammation and microbiome crosstalk as potential signatures of COVID-19 disease outcomes

Presenter: Raul Coimbra, MD

PI: Raul Coimbra, MD

Department: CECORC

Title: Analysis of the short and long term quality of life (QoL) for patients recovered from COVID-19 infection admitted to RUHSMC

Presenter: Dr. Barbara Ackerman and Dr. Laura King

PI: Dr. Barbara Ackerman

Co-investigators: Dr. Nathan McLaughlin, Dr. Maria Bahramzi, Dr. Lina Hadj Smaine, Dr. Laura Kind, Dr. Hiren Swami

Dept: RUHS/UCR Family Medicine Residency Program at Moreno Valley Community Health Center

Title: What are the effects of a follow-up telephone visit intervention in the treatment of Major Depression with medication?

Presenter: Daniel Kim, MD and Marilyn Corrales

PI: Daniel Kim

Co-investigator: Marilyn Corrales

Dept: Medicine

Title: The effects of immigration status on health outcomes

Presenter: Anthony Firek, MD

PI: Anthony Firek, MD

Co-investigator:

Dept: CECORC

Title: Evolocumab for COVID19

CECORC NEW PROPOSAL PRESENTATIONS 2018 – JULY 2023

Presenter: Anastasia Ibrahim and Dr. Shokry Lawandy

PI: Dr. Shokry Lawandy

Co-investigators: Anastasia Ibrahim

Dept: Neurosurgery, RUHS

Title: Novel Mini-Open Free-Handed TLIF surgical technique maintains the clinical and surgical benefits of MIS TLIF without the need for the highly specific and technical requirements of MIS TLIF

Presenter: Dr. Michael Mesisca and Dr. Silvia Gnass

PI: Dr. Michael Mesisca

Co-investigator: Dr. Silvia Gnass

Dept: RUHS Correctional Health Services, RUHS Medical Center

Title: An Epidemic inside the Pandemic: Retrospective review of county jail and state prison inmates with COVID-19 requiring hospitalization

Presenter: Dr. Anthony Firek

PI: Dr. Anthony Firek

Co-investigator: Internal Medicine Research Group

Dept: CECORC - RUHS

Title: Determining the fragility fracture burden in patients with conditions of atopy (asthma, atopic dermatitis, and allergic rhinitis)

Presenter: Priya Thumma, DO and Dong Tran, MD

PI: Dr. Uziel Saucedo, MD

Co-investigators: Priya Thumma, DO and Dong Tran, MD

Dept: Family Medicine

Title: Longitudinal point-of-care ultrasound (POCUS) curriculum and potential impact on Family Medicine (FM) residents' level of confidence and ultrasound utilization

Presenter: Alexander Schurman, MD

PI: Dr. Afshin Molkara

Co-investigators: Alexander Schurman, MD; Shauna Trinh, MD

Dept: Surgery

Title: A Nationwide Study of Extracranial Carotid Artery Aneurysms: Management and Outcomes

CECORC NEW PROPOSAL PRESENTATIONS 2018 – JULY 2023

Presenter: Trevor Silva, MD

PI: Dr. Caba Molina

Co-investigators: Trevor Silva, MD; Gi Yoon Kim, MD; Sharon Lum, MD; Naveen Solomon, MD

Dept: RUHS Surgical Oncology

Title: Colorectal cancer disparities in a safety net hospital

Presenter: Trevor Silva, MD

PI: Dr. Caba Molina

Co-investigators: Trevor Silva, MD; Vika Guloyan; Gi Yoon Kim, MD

Dept: RUHS Surgical Oncology

Title: A comparison of the operative approaches to benign versus malignant gallbladder disease: A NSQIP review

Presenter: Thomas Lee, PharmD

PI: Christina Qi, PharmD

Co-investigators: Thomas Lee, PharmD

Dept: Pharmacy

Title: Safety and efficacy of a fixed dose of 4-factor prothrombin complex concentrate (4F-PCC) for the reversal of oral anticoagulants: A safety-net hospital's perspective

Presenter: Connie Kang, PharmD

PI: Dr. Mia Choi, PharmD

Co-investigators: Connie Kang, PharmD; Korbin Haycock, MD; Scott Fitter, PharmD; Ashley Jackson, PharmD Dept: Pharmacy

Title: Phenobarbital Loading Dose in Patients with Severe Alcohol Withdrawal in the Emergency Department

Presenter: Haley Andrews

PI: Andrew Williams

Co-investigators: Haley Andrews

Dept: Pharmacy

Title: Readmission Rates for Methamphetamine-Positive Urine Toxicology Patients Receiving Long Acting Injectable Antipsychotics (LAIs)

CECORC NEW PROPOSAL PRESENTATIONS 2018 – JULY 2023

Presenter: Erika Kim, PharmD

PI: Andrew Williams, PharmD, BCPP, BCGP

Co-investigators: Erika Kim, PharmD

Dept: Pharmacy

Title: Impact of non-traditional vs traditional initiation dosing schedule of paliperidone palmitate on readmission and safety

Presenter: Ana Baron, PharmD

PI: Niyati Butala, PharmD, BCPP

Co-investigators: Ana Barron, PharmD; Dalea Kandela, PharmD

Dept: Pharmacy

Title: Impact of Implementation of a Pharmacist Driven Diabetes Monitoring Service in an Acute Psychiatric County Facility

Presenter: Jacob Bernstein, D.O.

PI: Dan Miulli, D.O.

Co-investigators: Jacob Bernstein, D.O.

Dept: Neurosurgery

Title: Access to Epilepsy Surgery In County Hospital Patients

Presenter: Angie Suh, PharmD

PI: Nikki Mulligan, PharmD

Co-investigators: Angie Suh, PharmD

Dept: Pharmacy

Title: Evaluation of Accelerate Pheno™ Rapid Diagnostic Testing on Clinical Outcomes in Gram Negative Bacteremia

Presenter: Laylah Zelko

PI: Daniel Ludi, MD

Co-investigators: Laylah Zelko

Dept: General Surgery

Title: Formal preoperative education and gabapentin reducing postoperative narcotic use in outpatient general surgery population

CECORC NEW PROPOSAL PRESENTATIONS 2018 – JULY 2023

Presenter: Juston Fan, DO
PI: Roy Caputo, MD
Co-investigators: Juston Fan, DO
Dept: Orthopedic
Title: Orthopedic Telemedicine: Reliability of the Virtual Upper Extremity Examination

Presenter: Shehzein Khan, DO
PI: Raymond Kramer, MD
Co-investigators: Anita Bajpai, MD, Sarah Duan, DO, Ashlee Erskine, DO, Shehzein Khan, DO
Dept: Family Medicine
Title: Covid and Obesity - A Big Fat Problem

Presenter: Michael Ulrich, MD
PI: Michael Ulrich, MD
Co-investigators: Sandeep Nayak, MD MS and Paul Albini, MD
Dept: Internal Medicine
Title: Impact of Social Vulnerability on Geographical Variation in Mass Shooting Incidents

Presenter: Kaivan Dadachanji, DO
PI: Gabrielle Balan, DO
Co-investigators: Kaivan Dadachanji, DO
Dept: Pediatrics
Title: Comparing Transcutaneous with Serum Bilirubin Levels to Decrease Unnecessary Serum Bilirubin Laboratory Testing

Presenter: Arash Salari, DO
Co-PIs: Shunling Tsang, MD and Nathan McLaughlin, MD
Co-investigators: Arash Salari, DO; Shuja Ayouby, DO; Kimngan Nguyen, MD; Sanmisola George, MD; Heidi Pang, DO
Dept: RUHS/UCR Family Medicine Residency Program
Title: Clinical Characteristics of Ambulatory Patients with COVID-19 in Riverside County

CECORC NEW PROPOSAL PRESENTATIONS 2018 – JULY 2023

Presenter: Dhruv Khurana

PI: Judi Nightingale

Co-investigators: Diep Tran, Dhruv Khurana

Dept: RUHS/Population Health

Title: Use of the Whole Person Health Score in the Care Managed Riverside County Whole Person Care Population

Presenter: Michael Ulrich, MD

PI: Michael Ulrich, MD

Co-investigators: Korbin Haycock, Alexander Friedman, Kelly Downey, Ramiz Fargo, Suman Thapamagar and Anthony Firek

Dept: Medicine

Title: Lung ultrasound findings and disease severity in Patients Infected with SARS-CoV2

2019 (25)

Presenter: Juston Fan, DO

PI: Michael French, DO

Co-Investigators: Juston Fan, DO

Department: Ortho

Title: The Diagnostic Value of Serum D-Dimer in Orthopedic Hardware Infections

Presenter: Jimmy Hernandez, Pharm.D., Nikita Patel, Pharm.D., BCIDP

PI: Nikita Patel, Pharm.D., BCIDP

Co-Investigators: Jimmy Hernandez, Pharm.D., Davalyn Tidwell, Pharm.D., BCPS

Department: Pharmacy

Title: Appropriate Preceptor-Learner Interactions: An Exploratory Analysis of Sexual Harassment in the Clinical Pharmacy Practice Experiences

Presenter: Sarah Jillani, MD and Michael Garcia

PI: Sarah Jillani, MD

Co-Investigators: Michael Garcia

Department: Psychiatry

Title: The Effectiveness of Alpha-adrenergics to Treat PTSD in Children & Adolescents

CECORC NEW PROPOSAL PRESENTATIONS 2018 – JULY 2023

Presenter: Quyen Phan, PharmD

PI: Quyen Phan, PharmD

Co-Investigators: Lydia Aye, DO; Sabrina Domicoli, PharmD; Jaye Kim, PharmD; Adrianna Rosales, BS

Department: Pharmacy

Title: Pre-Operative Medication Management by Clinical Pharmacist for Patients Undergoing Colonoscopy

Presenter: Karen Fourie, MD; Shwasha Govil, DO; Jessy Tsang, DO

PI: Shunling Tsang, MD

Co-Investigators: Karen Fourie, MD PGY-2; Shwasha Govil, DO PGY-2; Jessy Tsang, DO PGY-2

Department: Family Medicine

Title: Evaluation of imposter syndrome prevalence and severity among physicians of differing backgrounds and its association with mental health

Presenter: Jose Alfaro Quezada, MD

PI: Megan Brenner, MD

Co-Investigators: Jose Alfaro Quezada, MD

Department: CECORC

Title: Outcomes of laparoscopy in blunt abdominal trauma patients with HIV: an analysis of the National Trauma Data Bank

Presenter: Jose Alfaro Quezada, MD

PI: Megan Brenner, MD

Co-Investigators: Jose Alfaro Quezada, MD

Department: CECORC

Title: Outcomes of esophageal stents in traumatic esophageal injuries: an analysis of the National Trauma Data Bank (NTDB)

Presenter: Zahid Mustafa

PI: Anthony Firek, MD

Co-Investigators: Zahid Mustafa, Matthew Firek, Thomas Ham, and Dr. Xiaofei Zhang

Department: CECORC

Title: Atopic dermatitis: What do we know about its profile and potential environmental factor at the local, state, and national level?

CECORC NEW PROPOSAL PRESENTATIONS 2018 – JULY 2023

Presenter: David Seigler, MD

PI: David Seigler, MD

Co-Investigators: Andrew Williams, PharmD

Department: Psychiatry/Pharm

Title: A Postmarketing Observational Study to Evaluate the Safety of ADASUVE (STACCATO Loxapine for Inhalation) in Patients with Agitation Associated with Schizophrenia or Bipolar I Disorder Phase 4 Study TV571-CNS-40036

Presenter: Geoffrey Leung, MD, Diep Tran, MPH, MS

PI: Geoffrey Leung, MD, Diep Tran, MPH, MS

Co-Investigators: Diep Tran, MPH, MS, Thomas Ham, MPH

Department: Family Medicine

Title: Whole Person Health Score

Presenter: Bruce Weng, DO

PI: Bruce Weng, DO

Co-Investigators: Made Sutjita MD, Rebecca Moellmer DPM, Adrienne Estes DPM, Nikita Patel PharmD

Department: Infectious Disease

Title: Correlation of Surgical Resected Proximal Bone Margins in Diabetic Foot Osteomyelitis with Clinical Outcomes at Six Months

Presenter: Lynette Ilano, MD

PI: Made Sutjita, MD/Bruce Weng, DO

Co-Investigators: Bruce Weng, DO, Lynette Ilano MD, Michelle Ko DO, Patrick Pham MD, Erin Ricketts MD

Department: Infectious Disease

Title: Redefining hospital discharge criteria in patients with Active Pulmonary TB admitted in Riverside University Health System Medical Center

Presenter: Kendra Flores-Carter, DSW

PI: Kendra Flores-Carter, DSW

Co-Investigators: Raquel Ellis, PHD, Nikki Jones, DSW, Michael Neeki, MD, Kedar Challakere, MD, Dong Fanlong, PHD

Department: Social Services

Title: An Examination of Adverse Childhood Experiences (ACEs) and its association to maternal mental health and substance abuse among pregnant Minority Women of Color. Research Question1: Is there an association between ACEs of 4 or higher and Substance Abuse among Pregnant Women of Color? Research Question 2: Is there an association between ACEs of 4 or higher and Symptoms of Anxiety and Depression among Pregnant Women of Color?

CECORC NEW PROPOSAL PRESENTATIONS 2018 – JULY 2023

Presenter: Eric Yang

PI: Christina Qi

Co-Investigators: Eric Yang, PharmD, Deborah Brehm, MSN-Ed

Department:

Title: Pharmacist impact in reducing the door-to-needle time of alteplase administration under 30 minutes for acute ischemic stroke

Presenter: Erika Kim, PharmD

PI: Andrew Williams, PharmD, BCPP, BCGP

Co-investigator: Erika Kim, PharmD

Dept: Pharmacy

Title: Long-acting injectable antipsychotics to decrease readmission rates in adolescents

Presenter: Ana Barron, PharmD

PI: Morteza Chitsazan, DO, FACP

Co-investigator: Ana Barron, PharmD, Christina (Crista) Qi, PharmD, BCCCP, BCPS

Dept: Pharmacy

Title: Implementing Anti-Xa monitoring protocol for heparin infusion- An Academic Medical Center experience

Presenter: Sabrina Domicoli, PharmD

PI: Jamie Kneebusch, PharmD, BCPC, BCPP

Co-investigator: Sabrina Domicoli, PharmD, Andrew Williams, PharmD, BCPP, BCGP, Melissa Mitchell, PharmD, BCPS, BCPP, BCGP, Niyati Butala, PharmD

Dept: Pharmacy

Title: Pharmacist-Driven Screening to Increase Utilization of Extended-Release Naltrexone for Alcohol Use Disorder in an Inpatient Psychiatric Hospital

Presenter: Melanie Randall, MD

PI: Melanie Randall, MD

Co-Investigators: Michael Mesisca, DO; Kathleen Schulz, RN; Nicolette Metrusias, MD; Jennifer Raae-Nielsen, MD

Department: Emergency Department

Title: Subdissociative ketamine use for analgesia in geriatric patients with trauma-related pain in the pre-hospital setting

CECORC NEW PROPOSAL PRESENTATIONS 2018 – JULY 2023

Presenter: Trevor Silva, MD

PI: Naveen Solomon, MD

Co-Investigators: Trevor Silva, MD

Department: Surgery

Title: Surgical outcomes of open versus laparoscopic diversion for malignant obstruction: a NSQIP database analysis

Presenter: Trevor Silva, MD

PI: Naveen Solomon, MD

Co-Investigators: Trevor Silva, MD

Department: Surgery

Title: Does morbid obesity (BMI greater than 35) affect the surgical outcomes in patients undergoing a non-emergent, curative total or sub-total gastrectomy for gastric cancer? An analysis of the NSQIP database

2018 (13) *started in August

Presenter: Tong Young Huang, PharmD

PI: Tong Young Huang, PharmD and Nikita Patel, PharmD

Co-Investigators: Made Sujita, MD, Walter Klein, MD, Dallas Dick, MD, Erin Wiltchik, MD

Department: Pharmacy

Title: Impact of Procalcitonin-guided Antibiotic Use in Patients with Acute Exacerbation of Chronic Obstructive Pulmonary Disease in a County Hospital

Presenter: Nikita Patel, PharmD

Co-PIs: Nikita Patel, PharmD and Yvonne Bennett, RN

Department: Pharmacy

Title: Experience with Non-occupational HIV post-exposure prophylaxis (nPEP) in a resource limited setting

Presenter: Jerrick Robker, DO

PI: Jerrick Robker, DO

Department: Ortho

Title: Effectiveness of Ethyl-chloride for Reduction of Pain in Hand Injections Compared to Placebo

CECORC NEW PROPOSAL PRESENTATIONS 2018 – JULY 2023

Presenter: Ryan Buller, DO

PI: Ryan Buller, DO

Co-Investigators: Pauline Poysophon, MD

Department:

Title: Measuring health changes after integration of the Exercise Is Medicine (EIM) initiative in a Federally Qualified Health Center (FQHC)

Presenter: Aron Depew, MD

PI: Aron Depew, MD

Co-Investigators: Juan Ortiz, MD, Sydney Johnson, MD, Jeanine McNeill, MD, Amponsah, Daniel, MS4, Mudgway, Ross, MS3, Nikroo, Nahal, MS4, Vong, Vinson, MS3

Department: Surgery

Title: Small cardiothoracic ratio as measured on anterior-posterior chest radiograph is a sign of shock in trauma (a pilot study)

Presenter: David Brethouwer, DO

PI: Michael French

Co-Investigators: David Brethouwer, Rolf Drinhaus, John Ellis

Department: Ortho

Title: Changes in Air Particle Concentration (APC) during Total Joint Arthroplasty (TKA & THA) Related to Intra – Operative Radiographs or Fluoroscopy

Presenter: Henry Tsang, DO

PI: Michael French

Co-Investigators: Henry Tsang DO, Nikita Patel PharmD, Made Sujita MD, Bruce Weng MD

Department: Ortho

Title: Antibiotic Impregnated Cement Spacers for Periprosthetic Total Knee Infections; How Much Elutes Into the Blood and For How Long?

Presenter: Baonhan Le, MD; Rohan Patel, MD; Karra Marh, MD; Mitchell Mendez, DO

PI: Wael Hamade, MD

Co-Investigators: Julio Rangel, MD; Baonhan Le, MD; Rohan Patel, MD; Karra Marh, MD; Mitchell Mendez, DO; Michael Ingram, MD; Althea Ballard, RN

Department: Family Medicine

Title: Prevention of Delirium in the non-acute hospitalized patient

SCHOLARSHIP AT CECORC



2018 - 2023

SCHOLARSHIP

MARU KIM, MD, PHD – INTERNATIONAL VISITING SCHOLAR (SOUTH KOREA) (2023)

My name is Maru Kim. I am an associate professor at the Department of Trauma Surgery, at the Uijeongbu St. Mary's Hospital, The Catholic University of Korea, Republic of Korea. There, I worked as a trauma surgeon and an intensivist in the trauma ICU. I was an international visiting scholar at the Comparative Effectiveness and Clinical Outcomes Research Center (CECORC) at Riverside University Health System Medical Center.

I met Dr. Coimbra at an academic conference in South Korea several years ago when I asked him about the possibility of becoming a visiting international scholar at CECORC.

CECORC is the ideal place to do high-quality research. The availability of datasets and robust biostatistical support make research easier to do and increases the overall productivity at the individual and institutional level.

At CECORC I improved my skills as a researcher and my ability to write scientific manuscripts in English. The experience working at CECORC will be long-lasting and will impact my academic career in South Korea for many years to come.



Dr. Coimbra and Dr. Kim at SCCACS 2023

Presented at the Southern California Chapter of the American College of Surgeons (SCCACS) Annual Scientific Meeting, Santa Barbara, CA, Jan 2023

SCHOLARSHIP

JOSE ALFARO QUEZADA, MD - SURGERY RESIDENT
(RUHSMC-UCR SURGERY RESIDENCY PROGRAM)
(2020)



Presenting at the Southern California Chapter of the American College of Surgeons Annual Scientific Meeting, Santa Barbara, CA, Jan 2020

ZIE-JIE HONG, MD – INTERNATIONAL VISITING
SCHOLAR (TAIWAN)



SCHOLARSHIP

CECORC RESEARCH FELLOWS, VISITING SCHOLARS, RESEARCH VOLUNTEERS – RESIDENTS/MEDICAL STUDENTS

TIAGO FINCO – INTERNATIONAL VISITING MEDICAL STUDENT (ARGENTINA) (2019)



Presentation at the Surgical Infection Society 39th Annual Scientific Meeting, San Diego, CA, June 2019.



Presenting at the Southern California Chapter of the American College of Surgeons Annual Scientific Meeting, Santa Barbara, CA, Jan 2019.



Presenting at the Southern California Chapter of the American College of Surgeons Annual Scientific Meeting, Santa Barbara, CA, Jan 2019.

As a medical student, I had the privilege of working with the CECORC's research team at its very beginning, and it was an extremely positive experience. The team was made up of experienced professionals from various backgrounds, cultures, and nationalities, and I was able to learn from each of them in different ways.

The team was highly organized and efficient, and they made sure that everyone had a clear understanding of their roles and responsibilities. This allowed us to work together seamlessly and achieve our goals efficiently.

One of the highlights of my experience was the opportunity to contribute to the project and see some of my ideas and input come to fruition. The team was always open to new ideas and suggestions, and they provided constructive feedback and support throughout the process. This was especially important for me, because as a medical student, we usually just follow orders and don't have much of a voice.

In addition to working on the research project itself, I was able to attend team meetings and presentations and even present some of our work in professional meetings and conferences. These provided an excellent opportunity to learn about the latest advancements in the field and hear and talk about the experiences of other professionals. I was able to ask questions and participate in discussions, and I felt like I was a valuable member of the team.

Overall, my experience with the research team was exceptional. I learned a great deal about the research process, the importance of collaboration and teamwork, and the importance of continuing to learn and grow as a healthcare professional. It was a new experience for me, and working directly and indirectly with Dr. Coimbra, Dr. Brenner and Dr. Zhang, provided me another perspective of the career I chose to follow. I am grateful for the opportunity to have worked with such a talented and dedicated group, and I am confident that this experience will continue to benefit me throughout my medical career.

Tiago Belz Finco, MD

SCHOLARSHIP

MONIKA GARCIA – UCR MEDICAL STUDENT (MS4) (2019-2020)



Presenting at the Southern California Chapter of the American College of Surgeons Annual Scientific Meeting, Santa Barbara, CA, Jan 2019



Presenting at the Southern California Chapter of the American College of Surgeons Annual Scientific Meeting, Santa Barbara, CA, Jan 2020

SEAN DEGMECH, MD – SURGERY RESIDENT (RUHSMC-UCR SURGERY RESIDENCY PROGRAM) (2019)



Awarded First Place at the Region 9 American College of Surgeons Committee on Trauma (COT) Resident and Fellow Paper Competition



Poster presentation at Southwestern Surgical Congress Annual Meeting, Huntington Beach, CA, April 2019

FELLOWS, STUDENTS, AND VOLUNTEERS AT CECORC



2018 - 2023

FELLOWS, STUDENTS, AND VOLUNTEERS AT CECORC

CECORC PROVIDES STUDENTS, RESIDENTS, FELLOWS, AND OTHERS SEVERAL OPPORTUNITIES TO COLLABORATE WITH SENIOR INVESTIGATORS ON RESEARCH PROJECTS.

STUDENTS, RESIDENTS, AND RESEARCH FELLOWS

2023

Karim Curti, MD International Research Fellow (Argentina)

Anu Aryal, PhD Research Associate

2022

Maru Kim, MD Visiting International Scholar (South Korea)

Nicole Gatto, PhD Research Associate

Maliha Hussain, MPH Research Associate

Nicolas Brunet, PhD Research Associate

2021

Dhruv Khurana, PhD Research Associate

Pouya Metanat, MD, MPH Research Associate

Spencer Mueller Research Associate

Olivia Vukceovich Medical Student

Sonam Fnu, MD Research Associate

Sara Amen Medical Student

Nathan Kamel, MPH Research Associate

Knkush Hakobyan, MD Research Associate

Vishakha Jha Miranda, MA Research Associate

Rahul Tuli Medical Student

2020

Bruno Coimbra UC Santa Barbara Undergraduate

Robert Olmeda Barrientos UC Riverside Medical Student

Daniel Peverini, MD Research Fellow

Jose Alfaro Quezada, MD General Surgery Resident

FELLOWS, STUDENTS, AND VOLUNTEERS AT CECORC

2020 (cont.)

Medora Rodrigues, PhD Research Associate

Poojah Crain, PhD Research Associate

Ove Toring, MD, PhD Research Associate

2019

Ari Gerber UC Riverside Undergraduate

Dr. Zhi-Jie Hong, MD, PhD Visiting International Scholar (Taiwan)

Brandyn Bobb Tulane University Undergraduate

Thomas Ham, MPH Research Volunteer

Jasmine Jafari UC Riverside Undergraduate

Dan Langridge Research Associate

Zahid Mustafa Research Volunteer

2018

Sean Degmetich, MD General Surgery Resident

Tiago Finco International Medical Student (Argentina)

Monika Garcia, MD Medical Student/Research Fellow

Ari Gerber UC Riverside Undergraduate

Albert Kazi, MD Research Fellow

Michelle Epps UC Riverside Undergraduate

Marissa Fox UC Riverside Undergraduate

Rayna Garcia, PhD Veterans Administration

Mary Beth Yu Research Associate

CLINICAL TRIALS 2018 - 2023 AT CECORC



2018 - 2023

CLINICAL TRIALS 2018 - 2023 AT CECORC

2023

1. **SELECT:** Semaglutide effects on cardiovascular outcomes in people with overweight or obesity. *Sponsor: Novo Nordisk*
2. **SKYMOUNT:** Investigator-Initiated, Double-Blinded, Randomized, Single Center Study to Evaluate Safety, Tolerability and Efficacy of Combination of Two Approved Drugs (Imatinib with Mebendazole) Compared to Placebo in Treatment of Covid-19 Positive Patients. *Sponsor: Skymount Medical LLC*
3. **SURPASS:** Protocol I8F-MC-GPGN The Effect of Tirzepatide versus Dulaglutide on Major Adverse Cardiovascular Events in Patients with Type 2 Diabetes (SURP ASS-CVOT). *Sponsor: Eli Lilly*
4. **TAP:** A Prospective, Multicenter, Randomized, Double-Blind, Placebo-Controlled Large Simple Trial Evaluating the Use of BE1116 (4-Factor Prothrombin Complex Concentrate [Kcentra® / Beriplex®) to Improve Survival in Patients with Traumatic Injury and Confirmed or Suspected Acute Major Bleeding Predicted to Receive a Large Volume Blood Product Transfusion. *Sponsor: CSL Behring*
5. **ACHIEVE-4:** A Phase 3, Open-Label Study of Once Daily LY3502970 Compared with Insulin Glargine in Adult Participants with Type 2 Diabetes and Obesity or Overweight at Increased Cardiovascular Risk . *Sponsor: Eli Lilly*

2022

1. **SELECT:** Semaglutide effects on cardiovascular outcomes in people with overweight or obesity *Sponsor: Novo Nordisk*
2. **SKYMOUNT:** Investigator-Initiated, Double-Blinded, Randomized, Single Center Study to Evaluate Safety, Tolerability and Efficacy of Combination of Two Approved Drugs (Imatinib with Mebendazole) Compared to Placebo in Treatment of Covid-19 Positive Patients. *Sponsor: Skymount Medical LLC*
3. **SURPASS:** Protocol I8F-MC-GPGN The Effect of Tirzepatide versus Dulaglutide on Major Adverse Cardiovascular Events in Patients with Type 2 Diabetes (SURP ASS-CVOT). *Sponsor: Eli Lilly*
4. **FOCUS:** Long-term effects of semaglutide on diabetic retinopathy in subjects with type 2 diabetes. *Sponsor: Novo Nordisk*
5. **ACTIV-1:** Randomized Master Protocol for Immune Modulators for Treating COVID-19. *Sponsor: Duke Clinical Research Institute*
6. **TAP:** A Prospective, Multicenter, Randomized, Double-Blind, Placebo-Controlled Large Simple Trial Evaluating the Use of BE1116 (4-Factor Prothrombin Complex Concentrate [Kcentra® / Beriplex®) to Improve Survival in Patients with Traumatic Injury and Confirmed or Suspected Acute Major Bleeding Predicted to Receive a Large Volume Blood Product Transfusion. *Sponsor: CSL Behring*

2021

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3. **SURPASS:** Protocol I8F-MC-GPGN The Effect of Tirzepatide versus Dulaglutide on Major Adverse Cardiovascular Events in Patients with Type 2 Diabetes (SURP ASS-CVOT). *Sponsor: Eli Lilly*
4. **FOCUS:** Long-term effects of semaglutide on diabetic retinopathy in subjects with type 2 diabetes. *Sponsor: Novo Nordisk*
5. **PROSPECTIVE, OPEN-LABEL:** Study of Andexanet Alfa in Patients Receiving a Factor Xa Inhibitor who Require Urgent Surgery (ANNEXA-S). *Sponsor: Alexion*
6. **ACTIV-1:** Randomized Master Protocol for Immune Modulators for Treating COVID-19. *Sponsor: Duke Clinical Research Institute*

CLINICAL TRIALS 2018 - 2023 AT CECORC

2021 cont.

7. **TAP:** A Prospective, Multicenter, Randomized, Double-Blind, Placebo-Controlled Large Simple Trial Evaluating the Use of BE1116 (4-Factor Prothrombin Complex Concentrate [Kcentra® / Beriplex®]) to Improve Survival in Patients with Traumatic Injury and Confirmed or Suspected Acute Major Bleeding Predicted to Receive a Large Volume Blood Product Transfusion. *Sponsor: CSL Behring*

2020

1. **SURPASS:** Protocol I8F-MC-GPGN The Effect of Tirzepatide versus Dulaglutide on Major Adverse Cardiovascular Events in Patients with Type 2 Diabetes (SURPASS-CVOT). *Sponsor: Eli Lilly*
2. **FOCUS:** Long-term effects of semaglutide on diabetic retinopathy in subjects with type 2 diabetes. *Sponsor: Novo Nordisk*
3. **SELECT:** Semaglutide effects on cardiovascular outcomes in people with overweight or obesity. *Sponsor: Novo Nordisk*

2019

1. **UC 152:** A multicentre, randomised, double-blind (sponsor-unblinded), placebo-controlled study with open label extension to investigate the safety and tolerability, pharmacokinetics, pharmacodynamics, and efficacy of GSK2982772 in subjects with active ulcerative colitis. *Sponsor: GlaxoSmithKline*
2. **ASCEND-ND:** A phase 3 randomized, open-label (sponsor-blind), active controlled, parallel-group, multi-center, event driven study in non-dialysis subjects with anemia associated with chronic kidney Disease to Evaluate the Safety and Efficacy of Daprodustat Compared to Darbepoetin Alfa. *Sponsor: GlaxoSmithKline*
3. **SELECT:** Semaglutide effects on cardiovascular outcomes in people with overweight or obesity. *Sponsor: Novo Nordisk*
4. **FOCUS:** Long-term effects of semaglutide on diabetic retinopathy in subjects with type 2 diabetes. *Sponsor: Novo Nordisk*
5. **MARISS:** Predictors of Outcomes in Patients With Mild Ischemic Stroke Symptoms: MaRISS. *Sponsor: Duke Clinical Research Institute*
6. **ARAMIS:** Addressing Real-world Anticoagulant Management Issues in Stroke registry. *Sponsor: Duke Clinical Research Institute*
7. **HARMONY:** A long term, randomised, double blind, placebo-controlled study to determine the effect of albiglutide, when added to standard blood glucose lowering therapies, on major cardiovascular events in patients with Type 2 diabetes mellitus. *Sponsor: GlaxoSmithKline*

2018

1. **CONCLUDE:** A trial comparing the efficacy and safety of insulin degludec and insulin glargine 300 units/mL in subjects with type 2 diabetes mellitus inadequately treated with basal insulin with or without oral antidiabetic drugs. *Sponsor: Novo Nordisk*
2. **ELLIPSE:** Efficacy and safety of liraglutide in combination with metformin versus metformin monotherapy on glycaemic control in children and adolescents with type 2 diabetes. A 26-week double-blind, randomised, parallel group, placebo controlled multi-centre trial followed by a 26-week open-label extension. *Sponsor: Novo Nordisk*
3. **ASCEND-ND:** A phase 3 randomized, open-label (sponsor-blind), active controlled, parallel-group, multi-center, event driven study in non-dialysis subjects with anemia associated with chronic kidney Disease to Evaluate the Safety and Efficacy of Daprodustat Compared to Darbepoetin Alfa. *Sponsor: GlaxoSmithKline*
4. **Harmony:** A long term, randomised, double blind, placebo-controlled study to determine the effect of albiglutide, when added to standard blood glucose lowering therapies, on major cardiovascular events in patients with Type 2 diabetes mellitus.

CLINICAL TRIALS 2018 - 2023 AT CECORC

2018 cont.

5. **UC 152:** A multicentre, randomised, double-blind (sponsor-unblinded), placebo-controlled study with open label extension to investigate the safety and tolerability, pharmacokinetics, pharmacodynamics, and efficacy of GSK2982772 in subjects with active ulcerative colitis. *Sponsor: GlaxoSmithKline*
6. **MARISS:** Predictors of Outcomes in Patients With Mild Ischemic Stroke Symptoms: MaRISS. *Sponsor: Duke Clinical Research Institute*
7. **ARAMIS:** Addressing Real-world Anticoagulant Management Issues in Stroke registry. *Sponsor: Duke Clinical Research Institute*

MULTI-INSTITUTIONAL TRIALS (MIT) AT CECORC



2018 - 2023

MULTI-INSTITUTIONAL TRIALS (MIT) AT CECORC

CECORC IS PARTICIPATING IN A NUMBER OF MIT RESEARCH PROJECTS, PROVIDING OPPORTUNITIES TO COLLABORATE WITH OTHER RESEARCHERS AND INSTITUTIONS.

2019 - CURRENT

SOUTHERN CALIFORNIA TRAUMA CONSORTIUM

- Prospective multi-center pilot study reporting long-term outcomes for pediatric survivors of firearm violence
- Effects of COVID Pandemic on Trauma Volume

AMERICAN ASSOCIATION FOR THE SURGERY OF TRAUMA (AAST)

- PROOVIT: The PROspective Observational Vascular Injury Trial
- Impact of Time to Surgery on Mortality in Hypotensive Patients with Non-Compressible Torso Hemorrhage
- Aortic Trauma Foundation Prospective Blunt Traumatic Aorta Injury (BTAI) Registry
- Prophylactic and Resuscitative Endovascular balloon in Gynecology & Obstetrics (PREGO) Trial
- VTE - When Is It Safe To Start VTE Prophylaxis After Blunt Solid Organ Injury?

UNIVERSITY OF CALIFORNIA, IRVINE TRAUMA CENTER

- Morel-Lavallee Lesions Diagnostic and Treatment: A Multicenter Prospective Observational Study
- The Occurrence of Complications and Intervention Procedures after 6 hours Arrival of Patients Sustaining Isolated Sternal Fracture (ISF) with Abnormal Intake ECG: A Multicenter Retrospective Cohort Study
- Mechanisms of Injury of Trauma Patients Before and After California Stay-at-Home Order for COVID-19

UNIVERSITY OF CALIFORNIA, LOS ANGELES TRAUMA CENTER

- UNITE: UNDERstanding the Inlk between social determinants and firearm violence in California communiTiEs
- Program for Improving Care for Aging Adults through Training and Education



MULTI-INSTITUTIONAL TRIALS (MIT) AT CECORC

2019 - CURRENT CONT.

WESTERN TRAUMA ASSOCIATION (WTA) & UCSD

- Trauma and mild TBI in a pediatric population: A pilot longitudinal descriptive study assessing post-concussive symptoms, functional and quality of life outcomes

UNIVERSITY OF MARYLAND MEDICAL CENTER

- Hemorrhage control Interventions in Pelvic fractures Study (HIPS)

DUKE UNIVERSITY

- Addressing Real-world Anticoagulant Management Issues in Stroke (ARAMIS) Registry

AMERICAN HEART ASSOCIATION & UNIVERSITY OF MIAMI

- Mild and Rapidly Improving Stroke Study (MaRISS)

ENDOVASCULAR SKILLS IN TRAUMA AND RESUSCITATIVE SURGERY (ESTARS) WORKING GROUP

- Aortic Occlusion for Resuscitation in Trauma and Acute Care Surgery (AORTA): A prospective observational study of the Endovascular Skills in Trauma and Resuscitative Surgery



ABSTRACTS AND PRESENTATIONS IN NATIONAL CONFERENCES



2018 - 2023

ABSTRACTS AND PRESENTATIONS

AMERICAN COLLEGE OF SURGEONS CLINICAL CONGRESS, OCT 22–25, 2023

Title: 24-hour Telemetry Monitoring May Not be Necessary for Patients with An Isolated Sternal Fracture and Minor ECG abnormalities or Troponin Elevation: A Southern California Multicenter Study

Authors: Al-Khiuja, F, Raul Coimbra, Rahul Tuli, Nahmias, J.

AMERICAN ASSOCIATION FOR THE SURGERY OF TRAUMA, SEPT 20-23, 2023

Title: Deaths after readmission are mostly attributable to failure-to-rescue in EGS patients

Authors: Raul Coimbra, Maru Kim, Timothy Allison-Aipa, Bishoy Zakhary, Laura N. Haines, Mathew Firek, Brandon Tran, Todd W. Costantini

WORLD TRAUMA CONGRESS – AUG 9-12, 2023

Title: Endovascular versus Surgical management in Patients with Subclavian/Innominate Arterial Injury: Analysis of a Nationwide Database

Authors: Maru Kim, MD, PhD, Matthew Firek, BS, Bruno Coimbra, BS, MS, Bishoy Zakary, BA, MPH, Timothy Allison-Aipa, PhD, Raul Coimbra, MD, PhD

Title: Is there an ideal timing of tracheostomy in elderly patients with traumatic brain injury? Results of an analysis of national data (TQP)

Authors: Maru Kim, MD, PhD, Matthew Firek, BS, Bruno Coimbra, BS, MS, Bishoy Zakary, BA, MPH, Timothy Allison-Aipa, PhD, Raul Coimbra, MD, PhD

ACADEMYHEALTH 2023 ANNUAL RESEARCH MEETING, JUNE 24-27, 2023

Title: The Whole Person Health Score: A Patient-Focused Tool to Measure Nonmedical Determinants of Health

First Author: Dhruv Khurana; Bijan Sasaninia, Geoffrey Leung, Anthony Firek

WESTERN PSYCHOLOGICAL ASSOCIATION (WPA), APRIL 27-30, 2023

Title: Caring for the Whole Person: Addressing Needs of Adolescent Youth in a Medically Underserved Community

Authors: Brandon Tran; Spencer Mueller, Bijan Sasaninia, Dhruv Khurana, Emily Shaw, Anthony Firek, Geoffrey Leung

SOUTHWESTERN SURGICAL CONGRESS – APRIL 16-19, 2023

Title: Outcomes for advanced aged (35 and older) versus younger aged pregnant trauma patients: A multicenter study

Authors: N Aryan, A Grigorian, AN Lucas, E Tay-Lasso, DC Zezoff, N Fierro, NK Dhillon, EJ Ley, J Smith, A Dahan, A Johnson, W Ganske, WL Biffi, D Bayat, M Castelo, D Wintz, DJ Zheng, A Tillou, R Coimbra, JE Santorelli, M Schellenberg, K Inaba, B Emigh, TK Duncan, G Diaz, S Burruss, R Tuli, J Nahmias

ABSTRACTS AND PRESENTATIONS

SCCM CRITICAL CARE CONGRESS - JAN 21-24, 2023

Title: Combination Therapy with Antipsychotic Medications for Intensive Care Unit Delirium

Authors: Anh Nguyen, PharmD, BCCCP, BCPS, Justin Chang, PharmD, Timothy Allison-Aipa, PhD, Paul Albin, MD

SOUTHERN CALIFORNIA CHAPTER OF THE AMERICAN COLLEGE OF SURGEON, JAN 20-22, 2023

Title: Open v. percutaneous tracheostomy in patients with liver cirrhosis with Nationwide Database (NIS)

Authors: Dr. Kim, Tim, Dr. Coimbra

Title: Use of Tranexamic Acid with Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA) is Associated with Higher Distal Embolism Rates: Results from the American Association of Surgery for Trauma (AAST) Aortic Occlusion and Resuscitation for Trauma and Acute Care Surgery (AORTA) Trial

Authors: Olivia, Bishoy, Dr. Brenner / Presenter Joanna Shaw, MD

AMERICAN PUBLIC HEALTH ASSOCIATION (APHA) CONFERENCE – NOV 6-9, 2022

Title: The decision of health care workers to be vaccinated against COVID-19 in a California safety net medical center is influenced by sociodemographic factors

Authors: Lauren Garcia, MPH, Anthony Firek, MS, MD, Deborah Freund, MPH, MA, PhD, Donatella Massai, MSc, MA, Dhruv Khurana, MS, MA, PhD, Jerusha Lee, Susanna Zamarripa, Bijan Sasaninia, Kelsey Michaels, Judi Nightingale, DrPH, RN, Nicole Gatto, MPH, PhD

WESTERN SURGICAL ASSOCIATION 130TH SCIENTIFIC SESSION – NOV 5-8, 2022

Title: A Balloon Rises Above: Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA) at Zone 1 may be superior to Resuscitative Thoracotomy (RT)

Authors: Megan Brenner MD, Bishoy Zakhary MPH, Raul Coimbra MD PhD, Thomas Scalea MD, Jonathan Morrison MD, Laura Moore MD, Ernest Moore MD, Jeremy Cannon MD, M Chance Spalding DO PhD, Joseph Ibrahim MD, Charles Fox MD, Bradley Dennis MD, Joseph Dubose MD

AMERICAN COLLEGE OF GASTROENTEROLOGY ANNUAL MEETING, – OCT 21-26, 2022

Title: Colonic Gastrointestinal Angioectasias Are More Likely to Be Diagnosed in African Americans Who Live in Metropolitan Areas

Authors: Christian Jackson, MD, Matt Firek, Anthony Firek, MD, MS

ABSTRACTS AND PRESENTATIONS

81ST ANNUAL MEETING OF THE AAST AND CLINICAL CONGRESS FOR ACUTE CARE SURGERY- SEPT 21-24, 2022

Title: A comprehensive analysis of 30-D readmissions after EGS procedures. Are risk factors modifiable?

Authors: Raul Coimbra MD, PhD, Timothy Allison-Aipa PhD, Matthew Firek BS, Shirley Leanos-Moreno MA, Naomi Franco PhD, Rahul Tuli BS, Sara Edwards MD, Bishoy Zakhary MPH

Title: Case volume and rate are associated with outcomes in geriatric trauma: a case for geriatric trauma centers

Authors: Mitsuaki Kojima, MD; Akira Endo MD, PhD; Bishoy Zakhary, MPH; Tomohisa Shoko, MD, PhD; Matthew Firek BS; Raul Coimbra, MD, PhD; Tokyo Women's Medical University Adachi Medical Center

AMERICAN ACADEMY OF FAMILY PRACTICE NATIONAL CONFERENCE, JULY 28-30, 2022

Title: Overcoming COVID-19 Vaccine Hesitancy – 'One Size Does Not Fit All'

Authors: Arash Salari, Shunling Tsang, Anthony Firek; Data: Tim

SOCIETY OF VASCULAR SURGERY VAM2022 – JUNE 15-18 2022

Title: Celiac Artery Aneurysms: a systematic review of this anatomically diverse disease

Authors: Shamieh Banihani, Robert Olmeda-Barrientos, Nicholas Olin, Alexander Schurman, Afshin Molkara

SOUTHERN CALIFORNIA CHAPTER OF THE AMERICAN COLLEGE OF SURGEONS – JAN 14-16, 2022

Title: Temporary Fixation of Femoral Shaft Fractures in Damage Control Orthopedics

Authors: Patrick Sur MPH, Matthew Firek BS, Bishoy Zakhary MPH, Raul Coimbra MD, PhD, FACS

WESTERN SURGICAL ASSOCIATION 129TH SCIENTIFIC SESSION – NOV 6-9, 2021

Title: Outcomes in pregnant women suffering intimate partner violence (IPV); An analysis of the National Emergency Department Sample (NEDS)

Authors: Paul Albini, MD, Bishoy Zakhary MPH, Sara Edwards MD, Raul Coimbra MD, PhD, FACS, Megan Brenner MD, MS, FACS

ABSTRACTS AND PRESENTATIONS

2021 AAST & CLINICAL CONGRESS OF ACUTE CARE SURGERY – SEPT 29-OCT 2, 2021

Title: The unequal impact of inter-hospital transfers on emergency general surgery patients: procedure risk matters

Authors: Coimbra, Raul MD, PhD, FACS; Barrientos, Robert BS; Allison-Aipa, Timothy BS; Zakhary, Bishoy MPH; Firek, Matthew BS

Title: Time to surgical intervention affects mortality, complications, reoperations, and readmissions of Emergency General Surgery patients - A nationwide assessment

Authors: Robert Olmeda Barrientos BS, Timothy Allison-Aipa PhD, Matthew Firek BS, Bishoy Zakhary MPH, Raul Coimbra MD, PhD, FACS

SOCIETY OF ASIAN ACADEMIC SURGEONS 6TH ANNUAL MEETING – SEPT 25-26, 2021

Title: Spanish-speaking status as a protective factor for initial colorectal cancer presentation at a safety net hospital: Evidence for culturally-competent healthcare

Authors: Trevor Silva MD, Mr. Kiran Sinjali, Ms. Andrea Gochi, Dr. Anika Singh, Dr. Timothy Allison-Aipa, Dr. Fabrizio Luca, Dr. Alexis Plasencia, Dr. Sharon Lum, Dr. Naveenraj Solomon, Dr. David Caba Molina

SOCIETY FOR VASCULAR SURGERY 2021 VASCULAR ANNUAL MEETING – AUGUST 18-21, 2021

Title: Surgical and Endovascular Management of Extracranial Carotid Aneurysms, Outcomes from the American College of Surgeons, National Surgical Quality Improvement Program

Authors: Alexander M Schurman, MD; Shauna Y Trinh, MD; Matthew A Firek Andrew K Son, MD; Kristyn A Mannoia, MD; Afshin M Molkara, MD FACS

AMERICAS HEPATO-PANCREATO-BILLIARY ASSOCIATION (AHPBA) – AUG 2-5, 2021

Title: Preoperative risk factors and outcomes for laparoscopic and converted to open cholecystectomies in incidental gallbladder cancer: A review of the ACS NSQIP database

Authors: Trevor Silva MD, Vika Guloyan BS, Matthew Firek BS, Gi Yoon Kim MD, Paul Albini MD, David Caba Molina MD

AMERICAN SOCIETY OF HEALTH ECONOMISTS CONFERENCE – JUNE 21-23, 2021

Title: Nudging Providers Using the Whole Person Health Score (WPHS)

Authors: Dhruv Khurana, WPHS Team

ABSTRACTS AND PRESENTATIONS

SOUTHERN CALIFORNIA SOCIETY FOR VASCULAR SURGEONS ANNUAL MEETING – JUNE 18-20, 2021

Title: Trends in Preoperative Imaging Prior to Elective Carotid Endarterectomy in the SoCal VOICE

Authors: SY Trinh MD, B Zakhary MPH, B Leong MD, K Mannoia MD, A Murga MD, ST Patel MD, AM Abou-Zamzam Jr MD (for the SoCal VOICE)

Award: 1st Place

Title: Surgical and Endovascular Management of Extracranial Carotid Aneurysms, Outcomes from the American College of Surgeons, National Surgical Quality Improvement Program

Authors: Alexander M Schurman, MD; Shauna Y Trinh, MD; Matthew A Firek Andrew K Son, MD; Kristyn A Mannoia, MD; Afshin M Molkara, MD FACS

2021 RUHS RESEARCH SYMPOSIUM – MAY 5, 2021

Title: Time to surgical intervention affects mortality, complications, reoperations, and readmissions of Emergency General Surgery patients - A nationwide assessment

Authors: Robert Olmeda Barrientos, Timothy Allison-Aipa PhD, Bishoy Zakhary MPH, Matthew Firek BS, Megan Brenner MD, MS, FACS, Raul Coimbra MD, PhD, FACS

Title: Esophageal stents for traumatic esophageal injuries (TEI): a descriptive analysis of the National Trauma Data Bank (NTDB)

Authors: Jose Alfaro Quezada MD, Mathew Firek BS, Xiaofei Zhang MD, PhD, Raul Coimbra MD, PhD, FACS, Megan Brenner MD, MS, FACS

Title: A Nationwide Study of Intimate Partner Violence

Authors: Jose Alfaro Quezada MD, Zahid Mustafa, Xiaofei Zhang MD, PhD, Bishoy Zakhary MPH, Matthew Firek BS, Raul Coimbra MD, PhD, FACS, Megan Brenner MD, MS, FACS

WORLD TRAUMA CONGRESS – FEB 14-18, 2021 (VIRTUAL)

Title: Resuscitative Endovascular Balloon Occlusion of the Aorta may be superior to Resuscitative Thoracotomy in patients with Traumatic Brain Injury

Authors: Megan Brenner MD MS, Bishoy Zakhary MPH, Raul Coimbra MD Ph.D., Jonathan Morrison MD Ph.D., Thomas Scalea MD, Laura Moore MD, Jeanette Podbielski, John B. Holcomb MD, Kenji Inaba MD, Jeremy Cannon MD, Mark Seamon MD, Chance Spalding MD, Charles Fox MD, Ernest Moore MD, Joseph Ibrahim MD

ABSTRACTS AND PRESENTATIONS

2021 VIRTUAL WESTERN MEDICAL RESEARCH CONFERENCE – JANUARY 29-30, 2021

Title: Analysis of enigma gene signaling pathways in thyroid cancer

Authors: R Niihara, N Churdsuwanrak, K Rood, C Yamauchi, K Wright, S Adil, S Mirshahidi, M Perez, A Simental, A Firek and S Khan

AMERICAN COLLEGE OF PHYSICIANS SOUTHERN CALIFORNIA CHAPTER REGION II – OCT 10, 2020 (VIRTUAL)

Title: Challenges of Diagnosing and Treating a Giant Prolactinoma

Authors: Amylee Martin, Iqbal Munir, MD, PHD, Raed B Sweiss, DO, Shokry Lawandy, DO, Anthony Firek, MD, MS

AMERICAN ASSOCIATION FOR THE SURGERY OF TRAUMA – SEPT 9-12, 2020 (VIRTUAL)

Title: Management of Femoral Shaft Fractures in Polytrauma Patients: A Contemporary Analysis of Fixation strategies: Damage Control Orthopedics (DCO) vs. Early Internal Fixation (EIF)

Authors: Monika Garcia, Raul Coimbra

Title: The effect of age and gender on outcomes following isolated moderate to severe traumatic brain injury

Authors: Zhi-Jie Hong, Matthew Firek, Bishoy Zakhary, Katharina Mörs, Cora Schindler, Ingo marzi, Jyh-Cherng Yu, Raul Coimbra

AMERICAN DIABETES ASSOCIATION 80TH SCIENTIFIC SESSIONS – JUNE 12-16, 2020 (VIRTUAL)

Title: Racial Disparity May Exist in Patients with Diabetes Mellitus Hospitalized with Acute Pancreatitis

Authors: Nicole Choi, Monika E. Garcia, Bishoy L. Zakhary, Matthew A. Firek, Daniel I. Kim, Christian S. Jackson, Anthony Firek

Title: Patients with Diabetes Mellitus Hospitalized with Pancreatitis Have Reduced Mortality but Higher Overall Cost Compared with Patients without Diabetes

Authors: Nicole Choi, Monika E. Garcia, Bishoy L. Zakhary, Matthew A. Firek, Daniel I. Kim, Christian S. Jackson, Anthony Firek

AMERICAN GASTROENTEROLOGICAL ASSOCIATION DIGESTIVE DISEASE WEEK – MAY 2-5, 2020

Title: Patients with peptic ulcer bleeding admitted during the weekend have an increased mortality associated with increased comorbidities

Authors: Nicole Choi, Matthew Firek, Bishoy Zakhary, Anthony Firek, Christian Jackson

ABSTRACTS AND PRESENTATIONS

SOUTHWESTERN SURGICAL CONGRESS – APRIL 19-22, 2020

Title: Esophageal Stents (ES) for Traumatic Esophageal Injuries (TEI): A Descriptive Analysis of the National Trauma Data Bank (NTDB)

Authors: Jose Alfaro Quezada, Mathew Firek, Xiaofei Zhang, Raul Coimbra, Megan Brenner

Title: Obese Patients Have Worse Outcomes Compared to Non-Obese Patients: A National Trauma Database Study of Blunt Cardiac Injury (BCI)

Authors: Ari Gerber, Bishoy Zakhary, Matthew Firek, Xiaofei Zhang, Raul Coimbra, Megan Brenner

Title: A Nationwide Study of Intimate Partner Violence (IPV) in Pregnant Women

Authors: Paul Albini, Xiaofei Zhang, Bishoy Zakhary, Matthew Firek, Raul Coimbra, Megan Brenner

ENDOCRINE SOCIETY ANNUAL MEETING – MARCH 28-31, 2020

Title: Treatment Considerations for a Healthy Pregnancy in Women with Classical Congenital Adrenal Hyperplasia (CAH)

Authors: Megan Calzia, BS, Shams Tasnim, MBBS, Iqbal Munir, MD, PHD, Anthony Francis Firek, MD

SOUTHERN CALIFORNIA CHAPTER OF THE AMERICAN COLLEGE OF SURGEONS ANNUAL SCIENTIFIC MEETING – JANUARY 10-12, 2020

Title: A Nationwide Study of Intimate Partner Violence

Authors: Jose Alfaro Quezada, Zahid Mustafa, Xiaofei Zhang, Bishoy Zakhary, Matthew Firek, Raul Coimbra, Megan Brenner

Award: Placed 2nd overall presentation at conference

Title: Severe Pelvic Fracture in the Elderly: High Morbidity, Mortality, and Resource Utilization

Authors: Monika Garcia, Matthew Firek, Bishoy Zakhary, Megan Brenner, Frank Hildebrand, Raul Coimbra

AMERICAN ASSOCIATION FOR THE SURGERY OF TRAUMA ANNUAL MEETING – SEPT 18-21, 2019

Title: Effect of Plasma Transfusion Ratio to Red Blood Cells Between Geriatric and Non-Geriatric Massively Transfused Trauma Patients: Elderly Patients Benefit Less!

Authors: Mitsuaki Kojima MD, Ph.D., Akira Endo MD, Ph.D., Xiaofei Zhang MD, Ph.D., Atsushi Shiraishi MD, Ph.D., Megan Brenner MD, Tomohisa Shoko MD, Ph.D., Yasuhiro Otomo MD, Ph.D., Raul Coimbra MD, Ph.D., Tokyo Medical and Dental University

ABSTRACTS AND PRESENTATIONS

Title: Right Into the Danger Zone: Complications of Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA) at Zone 1 and 3 From the AAST Aortic Occlusion for Resuscitation in Trauma and Acute Care Surgery (AORTA) Trial

Authors: Megan Brenner MD, MS, Bishoy Zakhary MPH, Raul Coimbra MD, Ph.D., Jonathan Morrison MD, Thomas Scalea MD, Laura Moore MD, Jeanette Podbielski, John Holcomb MD, Kenji Inaba MD, Jeremy Cannon MD, Mark Seamon MD, Chance Spalding MD, Charles Fox MD, Ernest Moore MD, Joseph Ibrahim MD, AAST Multi-Institutional Trials Committee

Title: Scalpel or Sheath? Outcomes Comparison Between Pre-Peritoneal Pelvic Packing (PPP) and Angioembolization (AE) for Definitive Hemorrhage Control After Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA)

Authors: Megan Brenner MD, MS, Laura Moore MD, Bishoy Zakhary MPH, Alexander Schwed MD, Alexis Cralley MD, Anna Romagnoli MD, Charles Fox MD, Thomas Scalea MD, Clay Cothren Burlew MD, University Of California Riverside/Riverside University Health Systems

Presenter: Megan Brenner, MD

Title: Outcomes Comparison Between Endovascular and Open Repair (OR) for Blunt Thoracic Aortic Injury (BTAI): A Contemporary Analysis

Authors: Megan Brenner MD, MS, Matthew Firek BS, Bishoy Zakhary MPH, Xiaofei Zhang MD, Ph.D., Raul Coimbra MD, Ph.D., University of California Riverside/Riverside University Health Systems

Presenter: Maksim Gusev, MD

AMERICAN DIABETES ASSOCIATION 79TH SCIENTIFIC SESSIONS – JUNE 7-11, 2019

Title: Overcoming the Challenges in Discovering Celiac Disease in Type 1 Diabetes Mellitus Focusing on Provider Education

Authors: Michelle Epps, Marissa Fox, Jasmine Jafari, Anthony Firek

SURGICAL INFECTION SOCIETY 39TH ANNUAL SCIENTIFIC MEETING – JUNE 5-8, 2019

Title: Lights Off, Camera On! Laparoscopic Cholecystectomy Improves Outcomes in Cirrhotic Patients with Acute Cholecystitis

Authors: Tiago Finco, Xiaofei Zhang MD, Ph.D., Matthew Firek, Megan Brenner MD, MS, Raul Coimbra, MD, Ph.D.

Title: Concomitant HIV/AIDS Infection Worsens Clinical Outcomes in Patients with Acute Diverticulitis

Authors: Tiago Finco, Bishoy Zakhary MPH, Xiaofei Zhang MD, Ph.D., Raul Coimbra MD, Ph.D, Megan Brenner MD, MS

SOUTHWESTERN SURGICAL CONGRESS – APRIL 14-17, 2019

Title: Utilization of Endovascular and Open Surgical Repair of Vascular Injury: A 10-Year Analysis of the National Trauma Databank (NTDB)

Authors: Anna Romagnoli, MD, M Zeeshan, B Joseph, M L Brenner

ABSTRACTS AND PRESENTATIONS

Title: Endovascular Repair is a Feasible Option for Superficial Femoral Artery (SFA) Injuries: A Nationwide Analysis

Authors: Sean Degmetich MD, Matthew Firek, Bishoy Zakhary MPH, Xiaofei Zhang MD PhD, Raul Coimbra MD PhD, Megan Brenner MD MS

ENDOCRINE SOCIETY ANNUAL MEETING MARCH 23-26, 2019

Title: A Novel Internet-Based Program to Assess Educational Needs and Improve Care Delivery to Transgender People at the Resident Level

Authors: Marissa Fox, BS, MS-3, Jasmine Jafari, BA, MS-3, Brandyn Bobb, BS, MS-2, Michelle Epps, MS, MS-3, Iqbal Munir, MD, PhD, Anthony Firek, MD

Title: Routine Thyroid Ultrasonography in Largely Latino Population with Hyperthyroidism Is Not Clinically Useful

Authors: Brandyn Bobb, BS, Taranuam Munir, Marissa Fox, BS, Anthony Firek, MD, Iqbal Munir, MD,PHD, and Michelle Epps, MS

PACIFIC COAST SURGICAL ASSOCIATION 90TH ANNUAL MEETING – FEB 15-18, 2019

Title: The Truth About Non-Operative Management of Acute Appendicitis in Pediatric Patients: Not Superior Outcomes and Not Cheaper

Authors: Monika Garcia, BS, Bishoy Zakhary, MPH, Tiago Finco, Albert Kazi, MD, Xiaofei Zhang, MD, PhD, Megan Brenner, MD, MS, Raul Coimbra, MD, PhD

ACADEMIC SURGICAL CONGRESS, FEB 5-7, 2019

Title: Acute Colonic Diverticulitis and Cirrhosis: A Costly and Fatal Combination

Authors: Albert Kazi, MD; Tiago Finco; Bishoy Zakhary, MPH; Xiaofei Zhang, MD, PhD; Matthew Firek; Ari Gerber; Megan Brenner, MD, MS; Raul Coimbra, MD, PhD

Presenter: Albert Kazi, MD

SOUTHERN CALIFORNIA CHAPTER OF THE ACS 2019 SCIENTIFIC MEETING – JAN 25-27, 2019

Title: Endovascular Repair of Subclavian and Innominate (SC/IN) Artery Injuries is Superior to Open Repair (OR): Results from the Nationwide Inpatient Sample (NIS)

Presenter: Sean Degmetich

Authors: Sean Degmetich MD, Matthew Firek, Bishoy Zakhary PhD, Raul Coimbra MD PhD, Megan Brenner MD MS

Title: Management and Outcomes of Acute Appendicitis in the Presence of Cirrhosis: A Nationwide Analysis

Authors: Monika Garcia, Ari Gerber, Bishoy Zakhary MPH, Tiago Finco, Albert Kazi MD, Xiaofei Zhang MD, Ph.D., Megan Brenner MD, MS, and Raul Coimbra MD, Ph.D.

ABSTRACTS AND PRESENTATIONS

AMERICAN DIABETES ASSOCIATION 78TH SCIENTIFIC SESSIONS – JUNE 22-26, 2018

Title: The Prevalence and Impact of Diabetes Mellitus among Undocumented Immigrants in an Indigent Care Program in Riverside, California

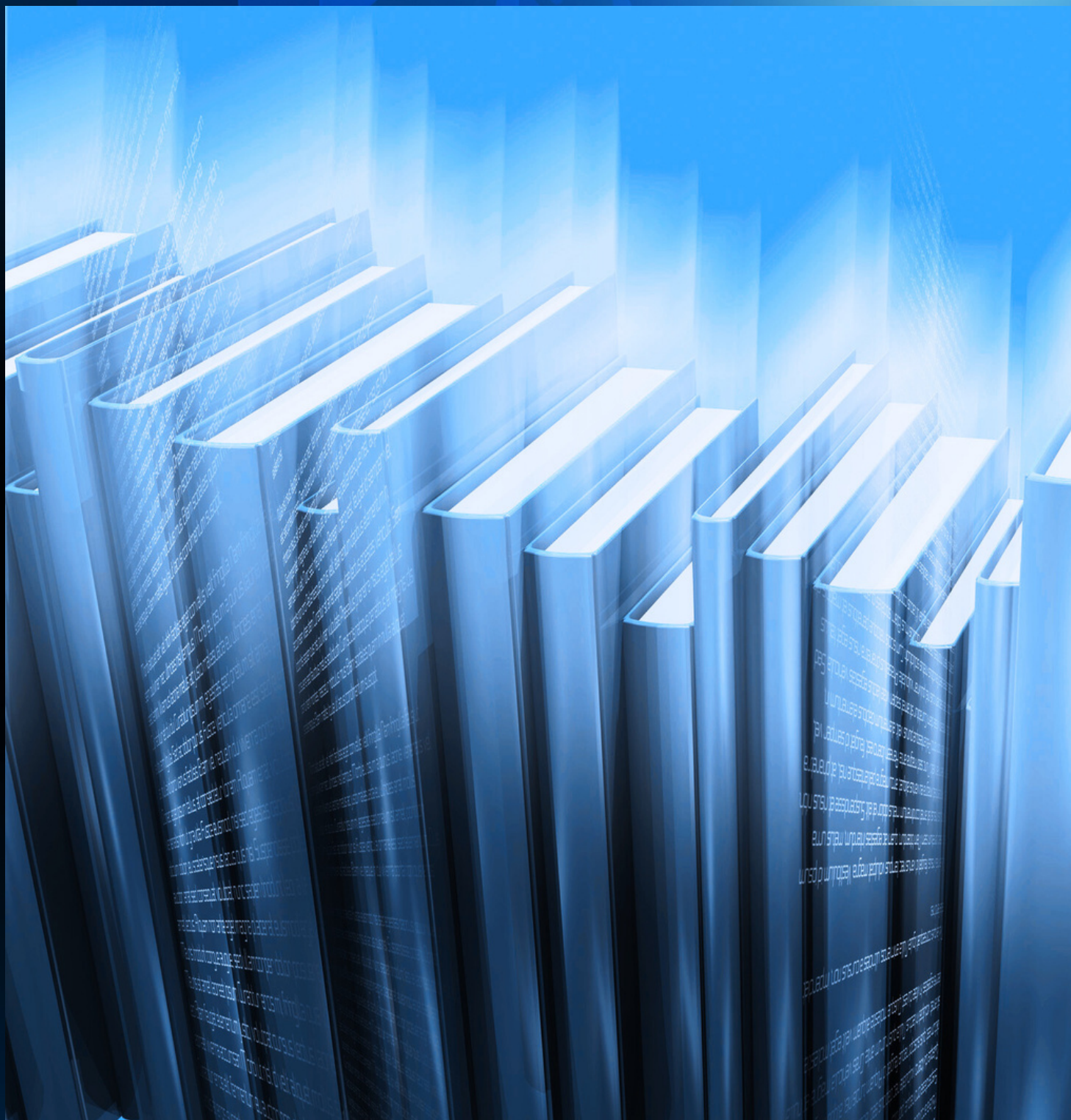
Authors: Haylee Lee, Bishoy L. Zakhary, Matthew A. Firek, Heidi Lange, Claudin A. Gomez, Anthony Firek

Type: Poster

Title: Preserving Vision by Empowering Patients

Authors: Almira J. Yang, Van T. La, Chibuzo U. Eke, Anthony Firek

BOOK CHAPTERS



2018 - 2023

BOOK CHAPTERS

2023

Coimbra, R., Hoyt, D. Chest Wall Trauma, Hemothorax, and Pneumothorax. In: Current Surgical Therapy, 14th Edition. 1264-1269, Elsevier, Philadelphia, PA. 2023

2022

Nguyen A, Tabuenca A, Coimbra R. Post-Injury Kidney Failure. In: Balogh ZJ, Coimbra R, Di Saverio S, Kirkpatrick AW, Coccolini F (Eds.). Postinjury Multiple Organ Failure, Hot Topics in Acute Care Surgery and Trauma. Springer International. 169-189, 2022

2021

Albini PT, Brenner ML, Coimbra R. Thoracic Vascular Trauma. In: Galante JM, Coimbra R. (Eds.). Thoracic Surgery for the Acute Care Surgeon, Hot Topics in Acute Care Surgery and Trauma. Springer International. 243-252, 2021

Woods J, Bhatt N, Coimbra R. Clostridium difficile Infection in Surgical Patients. In: Sartelli M, Coimbra R, Pagani L, Rasa K. (Eds.). Infections in Surgery, Hot Topics in Acute Care Surgery and Trauma. Springer International. 101-114, 2021

Nguyen A, Tabuenca A, Coimbra R. Compartments Syndromes: Short-Term Outcomes. In: Coccolini F, Malbrain MLNG, Kirkpatrick AW, Gamberini E. (Eds.). Compartment Syndrome, Hot Topics in Acute Care Surgery and Trauma. Springer International. 199-216, 2021

2020

Doucet J, Coimbra R. Prehospital management of the trauma patient. In: Cameron JL and Cameron AM (Eds.): Current Surgical Therapy, 13th Edition. Elsevier, 2020

Nguyen A, Tabuenca A, Coimbra R. Post-Injury Kidney Failure. In: Balogh Z, Coccolini F (Eds.), Post-Injury Multiple Organ Failure. Springer. 2020

Becher RD, Coimbra R, Davis KA. The definition of Acute Care Surgery. In: Surgical Decision Making in Acute Care Surgery. Davis K., (Eds.). Thieme. 2020

Coimbra R, Brenner M. Thoracic Vessel Injury. In: Thoracic Surgery for the Acute Care Surgeon. Galante J.M., Coimbra R. (Eds.). Springer Nature Switzerland, 2020

Nguyen A, Coimbra R. Damage Control in Abdomen and Thorax. In: Hans-Christoph Pape HC, Borrelli J, Moore EE, Pfeifer R, Stahel P (Eds.) Textbook of Polytrauma management. A multidisciplinary approach. Springer. 2020

Pasley J, Brenner M, Coimbra R. Vascular trauma. In: Surgical Decision Making in Acute Care Surgery Davis K., Coimbra R. (Eds.), Thieme, 2020

Romagnoli A, Brenner M. Vascular Trauma. Vascular Surgery In-Training Examination Review. Springer 2020

BOOK CHAPTERS CONT.

2023

Coimbra, R., Hoyt, D. Chest Wall Trauma, Hemothorax, and Pneumothorax. In: Current Surgical Therapy, 14th Edition. 1264-1269, Elsevier, Philadelphia, PA. 2023

2022

Nguyen A, Tabuenca A, Coimbra R. Post-Injury Kidney Failure. In: Balogh ZJ, Coimbra R, Di Saverio S, Kirkpatrick AW, Coccolini F (Eds.). Postinjury Multiple Organ Failure, Hot Topics in Acute Care Surgery and Trauma. Springer International. 169-189, 2022

2021

Albini PT, Brenner ML, Coimbra R. Thoracic Vascular Trauma. In: Galante JM, Coimbra R. (Eds.). Thoracic Surgery for the Acute Care Surgeon, Hot Topics in Acute Care Surgery and Trauma. Springer International. 243-252, 2021

Woods J, Bhatt N, Coimbra R. Clostridium difficile Infection in Surgical Patients. In: Sartelli M, Coimbra R, Pagani L, Rasa K. (Eds.). Infections in Surgery, Hot Topics in Acute Care Surgery and Trauma. Springer International. 101-114, 2021

Nguyen A, Tabuenca A, Coimbra R. Compartments Syndromes: Short-Term Outcomes. In: Coccolini F, Malbrain MLNG, Kirkpatrick AW, Gamberini E. (Eds.). Compartment Syndrome, Hot Topics in Acute Care Surgery and Trauma. Springer International. 199-216, 2021

2020

Doucet J, Coimbra R. Prehospital management of the trauma patient. In: Cameron JL and Cameron AM (Eds.): Current Surgical Therapy, 13th Edition. Elsevier, 2020

Nguyen A, Tabuenca A, Coimbra R. Post-Injury Kidney Failure. In: Balogh Z, Coccolini F (Eds.), Post-Injury Multiple Organ Failure. Springer. 2020

Becher RD, Coimbra R, Davis KA. The definition of Acute Care Surgery. In: Surgical Decision Making in Acute Care Surgery. Davis K., (Eds.). Thieme. 2020

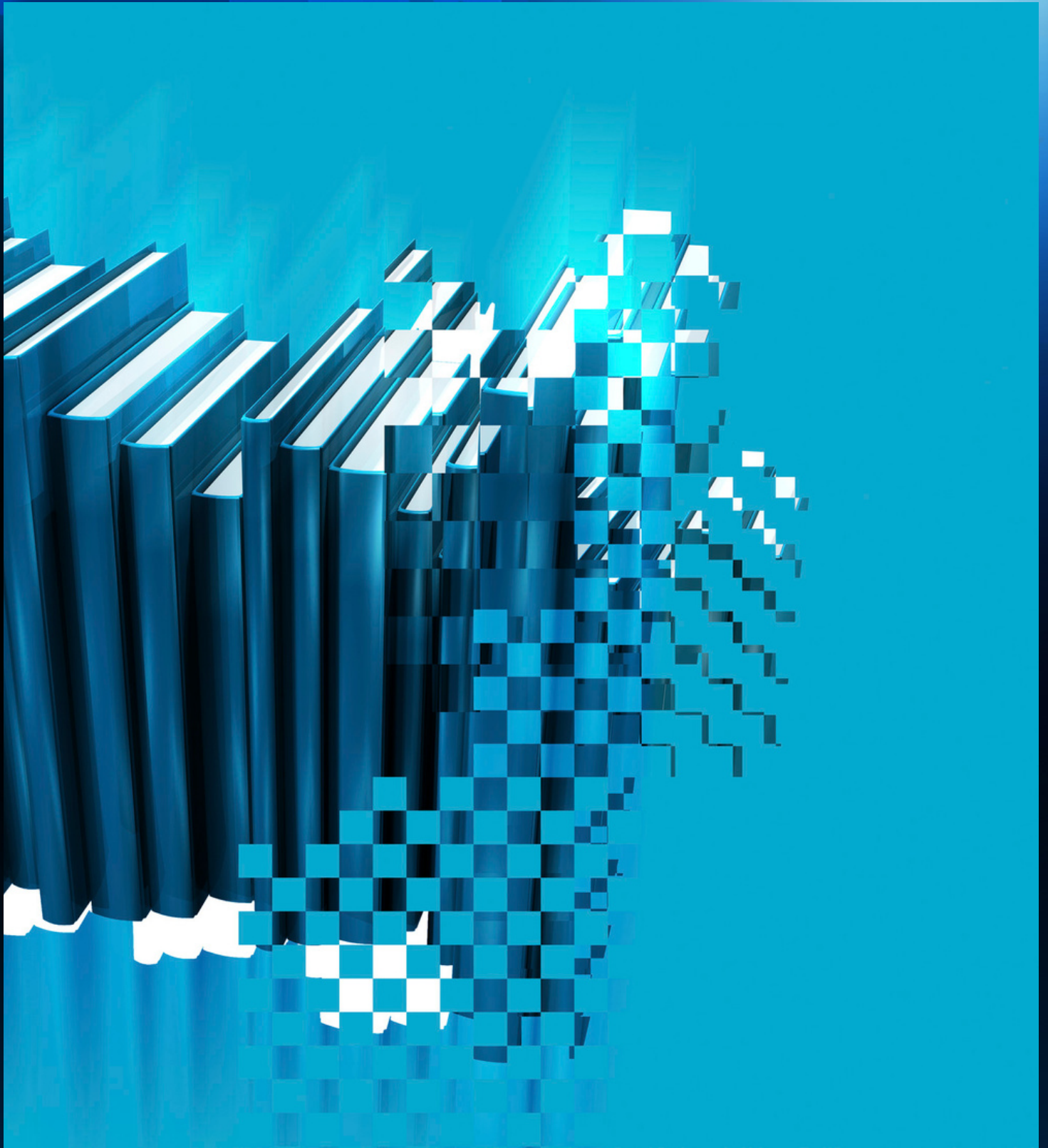
Coimbra R, Brenner M. Thoracic Vessel Injury. In: Thoracic Surgery for the Acute Care Surgeon. Galante J.M., Coimbra R. (Eds.). Springer Nature Switzerland, 2020

Nguyen A, Coimbra R. Damage Control in Abdomen and Thorax. In: Hans-Christoph Pape HC, Borrelli J, Moore EE, Pfeifer R, Stahel P (Eds.) Textbook of Polytrauma management. A multidisciplinary approach. Springer. 2020

Pasley J, Brenner M, Coimbra R. Vascular trauma. In: Surgical Decision Making in Acute Care Surgery Davis K., Coimbra R. (Eds.), Thieme, 2020

Romagnoli A, Brenner M. Vascular Trauma. Vascular Surgery In-Training Examination Review. Springer 2020

PUBLISHED MANUSCRIPTS



2018 - 2023

PUBLISHED MANUSCRIPTS

2023

Coimbra R. The Launch of a New Article Series in the Journal of Trauma and Acute Care Surgery: "What You Need To Know". *J Trauma Acute Care Surg.* 95(4):453. 2023

Coimbra R. Venous thromboembolism in trauma: Current trends and recent advancements in prophylaxis, diagnosis, and management. *J Trauma Acute Care Surg.* 94(3):359-360. 2023

Giuffrida M, Perrone G, Abu-Zidan F, Agnoletti V, Ansaloni L, Baiocchi GL, Bendinelli C, Biffi WL, Bonavina L, Bravi F, Carcoforo P, Ceresoli M, Chichom-Mefire A, Coccolini F, Coimbra R, ... Catena F. Management of complicated diaphragmatic hernia in the acute setting: a WSES position paper. *World J Emerg Surg.* 18(1):43. 2023.

Frassini S, Cobiauchi L, Fugazzola P, Biffi WL, Coccolini F, Damaskos D, Moore EE, Kluger Y, Ceresoli M, Coimbra R, ..., Ansaloni L. ECLAPTE: Effective Closure of LAParotomy in Emergency-2023 World Society of Emergency Surgery guidelines for the closure of laparotomy in emergency settings. *World J Emerg Surg.* 18(1):42. 2023

Keller BA, Skubic J, Betancourt-Garcia M, Ignacio RC, Radowsky JS, Tyroch AH, Lascano CP, Joseph B, Stewart C, Moore FO, Costantini TW, Rizzo JA, Paul JS, Galindo RM, Silva A, Coimbra R, Berndtson AE. Understanding the burden of traumatic injuries at the United States-Mexico border: A scoping review of the literature. *J Trauma Acute Care Surg.* 95(2):276-284. 2023.

Salari A, Singh MK, Ayouby S, George S, Nguyen K, Peverini GD, Lam N, Allison-Aipa T, Zamarripa S, Tsang S, Firek A. Active Medical Learner Engagement Results in the Discovery That One Size Does Not Fit All in Overcoming COVID-19 Vaccine Hesitancy. *Vaccines (Basel).* 11(7):1140. 2023.

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Coccolini F, Sartelli M, Sawyer R, Rasa K, Viaggi B, Abu-Zidan F, Soreide K, Hardcastle T, Gupta D, Bendinelli C, Ceresoli M, Shelat VG, Broek RT, Baiocchi GL, Moore EE, ..., Coimbra R, Kelly M, Martino C, Agnoletti V, Boermeester MA, De'Angelis N, Chirica M, Biffi WL, Ansaloni L, Kluger Y, Catena F, Kirkpatrick AW. Source control in emergency general surgery: WSES, GAIS, SIS-E, SIS-A guidelines. *World J Emerg Surg.* 18(1):41. 2023.

Albini PT, Zakhary B, Edwards SB, Coimbra R, Brenner ML. Intimate Partner Violence and Pregnancy: Nationwide Analysis of Injury Patterns and Risk Factors. *J Am Coll Surg.* 236(1):198-207. 2023.

Moren AM, Biffi WL, Ball CG, de Moya M, Brasel KJ, Brown CVR, Hartwell JL, Inaba K, Ley EJ, Moore EE, Peck KA, Rizzo AG, Rosen NG, Sperry JL, Weinberg JA, Coimbra R, Shatz DV, Martin MJ. Blunt pancreatic trauma: A Western Trauma Association critical decisions algorithm. *J Trauma Acute Care Surg.* 94(3):455-460. 2023.

Kojima M, Endo A, Zakhary B, Shoko T, Firek M, Coimbra R. Case volume and rate are associated with outcomes in geriatric trauma: A case for geriatric trauma centers? *J Trauma Acute Care Surg.* 94(2):241-247. 2023.

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Shatz DV, de Moya M, Brasel KJ, Brown CVR, Hartwell JL, Inaba K, Ley EJ, Moore EE, Peck KA, Rizzo AG, Rosen NG, Sperry JL, Weinberg JA, Moren AM, Coimbra R, Martin MJ. Blunt splenic injury, Emergency Department to discharge: A Western Trauma Association critical decisions algorithm. *J Trauma Acute Care Surg.* 94(3):448-454. 2023.

Forssten MP, Kaplan LJ, Tolonen M, Martinez-Casas I, Cao Y, Walsh TN, Bass GA, Mohseni S; ESTES SnapAppy Group. Surgical management of acute appendicitis during the European COVID-19 second wave: safe and effective. *Eur J Trauma Emerg Surg.* 49(1):57-67. 2023.

Young N, Ahl Hulme R, Forssten MP, Kaplan LJ, Walsh TN, Cao Y, Mohseni S, Bass GA; ESTES SnapAppy Group. Graded operative autonomy in emergency appendectomy mirrors case-complexity: surgical training insights from the SnapAppy prospective observational study. *Eur J Trauma Emerg Surg.* 49(1):33-44. 2023.

Picetti E, Catena F, Abu-Zidan F, Ansaloni L, Armonda RA, Bala M, Balogh ZJ, Bertuccio A, Biffi WL, Bouzat P, Buki A, Cerasti D, Chesnut RM, Citerio G, Coccolini F, Coimbra R, ...Robba C. Early management of isolated severe traumatic brain injury patients in a hospital without neurosurgical capabilities: a consensus and clinical recommendations of the World Society of Emergency Surgery (WSES). *World J Emerg Surg.* 18(1):5. 2023.

de'Angelis N, Marchegiani F, Schena CA, Khan J, Agnoletti V, Ansaloni L, Barría Rodríguez AG, Bianchi PP, Biffi W, Bravi F, Ceccarelli G, Ceresoli M, Chiara O, Chirica M, Cobiauchi L, Coccolini F, Coimbra R, ...Catena F. Training curriculum in minimally invasive emergency digestive surgery: 2022 WSES position paper. *World J Emerg Surg.* 2023 Jan 27;18(1):11. 2023.

Bass GA, Kaplan LJ, Forssten MP, Walsh TN, Cao Y, Mohseni S; ESTES SnapAppy Group. Techniques for mesoappendix transection and appendix resection: insights from the ESTES SnapAppy study. *Eur J Trauma Emerg Surg.* 49(1):17-32. 2023.

Bass GA, Mohseni S, Ryan ÉJ, Forssten MP, Tolonen M, Cao Y, Kaplan LJ; ESTES SnapAppy Group. Clinical practice selectively follows acute appendicitis guidelines. *Eur J Trauma Emerg Surg.* 49(1):45-56. 2023.

Coimbra, R., Allison-Aipa, T., Zachary, B., Firek, M., & Edwards, S. A comprehensive analysis of 30-day readmissions after emergency general surgery procedures: Are risk factors modifiable?. *J Trauma Acute Care Surg.* 94(1), 61–67., 2023

Kapustova K, Phan B, Allison-Aipa T, Choi M. Acute rate control with metoprolol versus diltiazem in atrial fibrillation with heart failure with reduced ejection fraction. *Am J Emerg Med.* 67:126-129. 2023.

De Simone B, Kluger Y, Moore EE, Sartelli M, Abu-Zidan FM, Coccolini F, Ansaloni L, Tebala GD, Di Saverio S, Di Carlo I, Sakakushev BE, Bonavina L, Sugrue M, Galante JM, Ivatury R, Picetti E, Chirica M, Wani I, Bala M, Sall I, Kirkpatrick AW, Shelat VG, Pikoulis E, Leppäniemi A, Tan E, Broek RPTG, Gurmu Beka S, Litvin A, Chouillard E, Coimbra R, ..., Catena F. The new timing in acute care surgery (new TACS) classification: a WSES Delphi consensus study. *World J Emerg Surg.* 18(1):32. 2023

Coimbra R. Educational cases from the TQIP mortality reporting system: A new publication initiative of The Journal of Trauma and Acute Care Surgery. *J Trauma Acute Care Surg.* 2023 94(5):635-636. 2023.

Morishita K, Coimbra R, Ito K, Otomo Y. The American Association for the Surgery of Trauma-European Society of Trauma and Emergency Surgery Emergency Surgery Course: Initial experience in Japan. *J Trauma Acute Care Surg.* 95(2):e3-e5. 2023.

Tian BWCA, Vigutto G, Tan E, van Goor H, Bendinelli C, Abu-Zidan F, Ivatury R, Sakakushev B, Di Carlo I, Sganga G, Maier RV, Coimbra R, Leppäniemi A, Litvin A, Damaskos D, Broek RT, Biffi W, Di Saverio S, De Simone B, Ceresoli M, Picetti E, Galante J, Tebala GD, Beka SG, Bonavina L, Cui Y, Khan J, Cicuttin E, Amico F, Kenji I, Hecker A, Ansaloni L, Sartelli M, Moore EE, Kluger Y, Testini M, Weber D, Agnoletti V, Angelis ND, Coccolini F, Sall I, Catena F. WSES consensus guidelines on sigmoid volvulus management. *World J Emerg Surg.*18(1):34. 2023

Manasa M, Yeates EO, Grigorian A, Barrios C, Schellenberg M, Owattanapanich N, Barmparas G, Margulies D, Juillard C, Garber K, Cryer H, Tillou A, Burruss S, Penaloza-Villalobos L, Lin A, Figueras RA, Coimbra R, Brenner M, ..., Nahmias J. The Effect of 2019 Coronavirus Stay-at-Home Order on Geriatric Trauma Patients in Southern California. *Am Surg.* 2023 Jun 22:31348221124329. doi: 10.1177/00031348221124329. Epub ahead of print. PMID: 37347234.

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Shaw J, Zakhary B, Coimbra R, Moore L, Scalea T, Kundi R, Teeter W, Romagnoli A, Moore E, Sauaia A, Dennis B, Brenner M. Use of Tranexamic Acid With Resuscitative Endovascular Balloon Occlusion of the Aorta is Associated With Higher Distal Embolism Rates: Results From the American Association of Surgery for Trauma Aortic Occlusion and Resuscitation for Trauma and Acute Care Surgery Trial. *Am Surg.* 2023 Jul 10:31348231177918. doi: 10.1177/00031348231177918. Epub ahead of print. PMID: 37431165.

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