

Curriculum Vitae

Michael T. Kenes, Pharm.D., FCCM, BCPS, BCCCP

OFFICE ADDRESS:

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EDUCATION

2009 – 2013	Doctor of Pharmacy University of Illinois Chicago Chicago, IL
2013 – 2014	PGY-1 Pharmacy Practice Residency Cleveland Clinic Cleveland, OH Residency Director: Katie Greenlee, Pharm.D., BCPS (AQ-Cardiology)
2014 – 2015	PGY-2 Critical Care Pharmacy Residency Vanderbilt University Medical Center Nashville, TN Residency Director: Susan Hamblin, Pharm.D., FCCM, BCPS, BCCCP

LICENSURE

2013 – Present	Ohio Licensed Pharmacist, License Number RPH.03232773-2
2020 – Present	Michigan Licensed Pharmacist, License Number 5302412351

APPOINTMENTS

2020 – Present	Clinical Assistant Professor Department of Clinical Pharmacy, College of Pharmacy University of Michigan, Ann Arbor, MI
2020 – Present	Clinical Pharmacy Specialist, Medical Intensive Care Unit (ICU) Michigan Medicine, Ann Arbor, MI
2020 – Present	Clinical Pharmacy Researcher Dr. Max Harry Weil Institute for Critical Care Research and Innovation
2015 – 2020	Clinical Pharmacy Specialist, Medical ICU Wake Forest Baptist Health, Winston Salem, NC
2015 – 2020	ICU Recovery Clinic Pharmacist Wake Forest Baptist Health, Winston Salem, NC

2016 – 2020	Institutional Review Board (IRB) Voting Member (10% effort) Wake Forest Baptist Health, Winston Salem, NC
2016 – 2020	PGY2 Critical Care Pharmacy Residency Program Coordinator Wake Forest Baptist Health, Winston Salem, NC
2015 – 2020	Adjunct Clinical Faculty College of Pharmacy, Wingate University, Winston Salem, NC
2015 – 2020	Adjunct Clinical Faculty College of Pharmacy, Campbell University, Winston Salem, NC
2015 – 2017	Associate Instructor, Fundamentals of Critical Care Support Society of Critical Care Medicine
2014 – 2015	Adjunct Clinical Assistant Professor College of Pharmacy, Belmont University, Nashville, TN

SPECIALTY AND SUBSPECIALTY CERTIFICATIONS

2015 – Present	Board Certified Pharmacotherapy Specialist (BCPS)
2017 – Present	Board Certified Critical Care Pharmacy Specialist (BCCCP)

ELECTIVE CERTIFICATIONS

2014 – Present	Advanced Cardiac Life Support (ACLS), American Heart Society
2014	Fundamentals of Critical Care Support, Society of Critical Care Medicine
2014	Advanced Trauma Support (ATLS), American College of Surgeons, Audited
2014	Resident ICU Course, Society of Critical Care Medicine

HONORS

2023	Fellow, American College of Critical Care Medicine
2022	<i>Phi Delta Chi</i> Faculty Teaching Appreciation Award, P3 Class of 2023 College of Pharmacy, University of Michigan
2021	<i>Phi Delta Chi</i> Faculty Teaching Appreciation Award, P3 Class of 2022 College of Pharmacy, University of Michigan
2018	Residency Preceptor of the Year, Pharmacy Department, Wake Forest Baptist Health
2016	Presidential Citation, Society of Critical Care Medicine
2009 – 2013	Chancellor's Student Service and Leadership Award, University of Illinois Chicago
2012	Excellence in Public Health Pharmacy Practice Award, United States Public Health Service

2011	Citation Award, Commissioned Corps, United States Public Health Service
2011	<i>Phi Lambda Sigma</i> Pharmacy Leadership Society – Alpha Iota Chapter
2007	Eagle Scout Award, Boy Scouts of America

Service

CLINICAL SERVICES

New Clinical Services Established

2021	<i>Michigan Medicine</i> Assisted with expansion of Medical ICU from 20 beds to maximum of 25-30 with the addition of 1-2 nurse practitioner/physician assistants. Provided significant medication education to providers and nurses without prior ICU experience.
2020	<i>Michigan Medicine</i> Primary clinical pharmacist for newly opened Regional Infectious Containment Unit (RICU, or COVID ICU), which expanded to 50 ICU beds, staffed by critical care and anesthesia providers from multiple backgrounds. Assisted with medication shortage mitigation, operations and medication use system optimization, and development of clinical protocols and education.
2017	<i>Wake Forest Baptist Health</i> Established clinical pharmacy services for new 10 bed Medical Oncology ICU. Assisted with training of medical ICU nurse practitioners and physician assistants for new critically ill patient population. Worked with interdisciplinary provider groups to create new clinical protocols. Optimized medication use systems for new patient population in new physical ICU space.

COMMITTEE ACTIVITIES

University

College of Pharmacy, University of Michigan

2021 – Present	Therapeutics Subcommittee, Curriculum and Assessment Committee
2020 – Present	Faculty Development Committee

Hospital

Michigan Medicine

2023 – Present	Medical Directors Partnering to Lead Along with Nurse Managers (MPLAN) Committee
2021 – Present	Post-Arrest Management Committee
2020 – 2021	Sepsis Transitions of Care Committee
2020 – Present	Critical Care Steering Committee
2020 – Present	Critical Care Medicine Unit Interdisciplinary Committee
2020 – Present	Interdisciplinary Delirium Committee
2020	Regional Infectious Containment Unit Interdisciplinary Committee

Wake Forest Baptist Health

2018 – 2019	Institutional Sepsis Prevention and Treatment Committee
2018 – 2019	Pharmacy Patient Care Needs Assessment Steering Committee
2016 – 2019	Pharmacy-to-Dose Medication Committee

2016 – 2019	Multidisciplinary Medical ICU Research Committee
2015 – 2019	Pharmacy Research Committee
	- 2018 – 2019 Chair
2015 – 2019	PGY-2 Critical Care Residency Advisory Committee
2015 – 2019	Code Response Education Workshop Committee
2015 – 2019	Anticoagulation Management Pharmacy and Therapeutics Committee
2015 – 2019	Anticoagulant Reversal Sub-Committee

Vanderbilt University Medical Center

2014 – 2015	Institutional Critical Care Committee
2014 – 2015	Surgical Critical Care Quality Improvement Committee

CLINICAL PERFORMANCE IMPROVEMENT PROJECTS

Medication Use Evaluations

Michigan Medicine

2022	Continuation of Medications for New-Onset Atrial Fibrillation in ICU Survivors (student advisor)
2021	New Requirement of Insulin Use Post-Discharge in Critically Ill COVID-19 Survivors (student advisor)
2021	Compliance with Medication Treatment Recommendations for Decompensated Cirrhotic Patients (student advisor)
2020	Cisatracurium Dosing Requirements in COVID-19 Compared to non-COVID-19 Patients (resident advisor)

Wake Forest Baptist Health

2018	Vasopressin Utilization in the Medical ICU (resident advisor)
2018	Obtainment of Respiratory Cultures in Patients Treated for Pneumonia (resident advisor)
2017	Diagnosis and Treatment of Heparin-Induced Thrombocytopenia (student advisor)
2017	Dexamethasone Use in Bacterial Meningitis (student advisor)

Vanderbilt University Medical Center

2014	Effect of Scheduled Acetaminophen on Intravenous Opioid Use in Trauma Patients
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Protocol and Orderset Development

Michigan Medicine

2022	Phenobarbital for Alcohol Withdrawal in the Medical ICU
2021	Corticosteroids for Septic Shock
2021	ICU Electrolyte Replacement Protocol Update
2020	Care of the Critically Ill COVID-19 Patient Treatment Protocol
2020	Albumin Treatment Protocol

Wake Forest Baptist Health

2018	Pharmacy Department Residency Research Protocol
2018	Peripheral Vasopressor Administration Protocol
2017	ICU Pain, Agitation and Delirium Orderset
2017	ICU Deep Sedation and Paralysis Orderset
2017	Calcium Channel Blocker Overdose Orderset
2017	Diabetic Ketoacidosis Treatment Orderset
2017	Heparin-Induced Thrombocytopenia Orderset and Guideline
2016	Citrate Anticoagulation for Renal Replacement Therapies Guideline and Protocol
2016	Anticoagulant Reversal Orderset and Guideline

Vanderbilt University Medical Center

2015	Burn ICU High Dose Vitamin C for Resuscitation Protocol
2015	Surgical ICU Insulin Transition Protocol

Drug Monograph Preparation and Review

Michigan Medicine

2022 Terlipressin

Wake Forest Baptist Health

2019 Revedfenacin

2017 Clevidipine

2017 Andexanet Alpha

2016 Angiotensin II

Vanderbilt University Medical Center

2015 Peramivir

Cleveland Clinic

2014 Melatonin

PROFESSIONAL SOCIETY COMMITTEES

2013 – Present	American College of Clinical Pharmacy
2013 – Present	Critical Care Practice Related Network
2021 – Present	Chair, Recognition Committee
2020 – Present	Member, Scholarship Review Committee
2019 – Present	Member, Recognition Committee
2021 – 2022	Vice-Chair, Recognition Committee
2018 – 2019	Member, Standard Setting Committee, Critical Care Self-Assessment Program
2014 – Present	Society of Critical Care Medicine
2014 – Present	Clinical Pharmacy and Pharmacology Section
2016 – Present	Research Section
2018 – 2021	Member, Simulation Education Subcommittee
2018 – 2020	Member, THRIVE Initiative (Optimizing Post-ICU Care)
2019 – 2022	Board of Pharmacy Specialties, Critical Care Specialty
2019 – 2022	Member, Role Delineation Study
2019	Member, Standard Setting Committee
2013 – 2016	American Society of Health-System Pharmacists
2009 – 2013	<i>Phi Delta Chi</i> Professional Pharmacy Fraternity – Alpha Sigma Chapter

PROFESSIONAL SERVICE

2020 – 2022	COVID-19 Colleague Connect (24/7 line for COVID-19 ICU care in state of Michigan) Pharmacist Team Lead, Funded by Blue Cross Blue Shield – Michigan
2019	Item writer, Board Certified Critical Care Pharmacist Exam, Board of Pharmacy Specialties
2015 – 2019	Item writer, North American Pharmacist Licensure Examination (NAPLEX) National Association of Boards of Pharmacy

EDITORIAL AND REVIEW ACTIVITIES

PERIODICALS

American Journal of Health-System Pharmacy

Anesthesia & Analgesia

Critical Care Medicine

Hospital Pharmacy

Journal of Critical Care

Journal of Hospital Medicine

Journal of Pharmacy Practice

Pharmacotherapy

PROFESSIONAL ORGANIZATION MEETINGS

2015 – Present Annual Congress Abstract Reviewer, Society of Critical Care Medicine

OTHER EXPERT REVIEW ACTIVITIES

2020, 2021 “Shock Syndromes 1: Introductory, Vasodilatory, and Sepsis” Chapter
Critical Care Pharmacy Preparatory Review and Recertification Course
American College of Clinical Pharmacy

PROFESSIONAL INVITATIONS

INVITED PLATFORM AND CONTINUING EDUCATION PRESENTATIONS

International/National

November 2022 Optimizing Sedation in the Intensive Care Unit
34th Annual CME Update in Pulmonary & Critical Care Medicine, University of Michigan
Plymouth, MI

August 2022 Reducing Delirium through Transitions of Care in the Geriatric Critically Ill
Central Nervous System, Critical Care, and Geriatric Practice Related Network
American College of Clinical Pharmacy
Virtual

February 2022 The METRICS Framework in Critical Care Simulation as a Guide to Career Advancement
51st Critical Care Conference, Society of Critical Care Medicine
Virtual

November 2020 Role of the Pharmacist in ICU Follow-up Clinics
9th Annual Johns Hopkins Critical Care Rehabilitation Conference
Baltimore, MD

- March 2015 “Life-Threatening Infections – Diagnosis and Antimicrobial Therapy Selection”
Fundamentals of Critical Care Support, Society of Critical Care Medicine
Nashville, TN
- March 2015 “Special Considerations in Critically Ill Patients”
Fundamentals of Critical Care Support, Society of Critical Care Medicine
Nashville, TN
- March 2013 Post-Market Adverse Event Reporting at the Food and Drug Administration
Office of the Commissioner and FDA Center Directors
Silver Spring, MD
- January 2013 Correlation between Ketamine and Posttraumatic Stress Disorder in Burned Service Members
American Burn Association: Pharmacy Interest Group
Virtual

Local

- April 2023 Sedation in the Medical Intensive Care Unit
Pulmonary Grand Rounds, College of Medicine, University of Michigan
Ann Arbor, MI
- April 2021 Sedation for the Bedside ICU Nurse
Continuing Nursing Education presentation to Critical Care Nursing Section
Michigan Medicine, University of Michigan, Ann Arbor, MI
- May 2018 Drug-Induced Hyperthermia
Internal Medicine Grand Rounds, Wake Forest Baptist Health
Winston Salem, NC
- September 2016 Vasopressor Use in Shock
Internal Medicine Grand Rounds, Wake Forest Baptist Health
Winston Salem, NC
- April 2015 Practical Approach to Antifungal Therapy Utilization in the Surgical ICU
ACCME Presentation, Division of Trauma and Surgical Critical Care
Department of Surgery, Vanderbilt University Medical Center
Nashville, TN
- January 2015 Progesterone for Traumatic Brain Injury
ACCME Presentation, Division of Anesthesia Critical Care
Department of Anesthesia, Vanderbilt University Medical Center
Nashville, TN
- October 2014 Antifungal Therapy: Where Are We Now in Critically Ill Patients?
ACPE Presentation, Department of Pharmacy
Vanderbilt University Medical Center
Nashville, TN
- February 2014 Thrombolytics for the Treatment of Submassive Pulmonary Embolism
Department of Pharmacy, ACPE Seminar Presentation, Cleveland Clinic
Cleveland, OH

LOCAL AND IN-SERVICE PRESENTATIONS

January 2015	Vasoactive Medications Nursing Intensive Care Education Course Lecture Nursing Education, Vanderbilt University Medical Center Nashville, TN
November 2014	Myxedema Coma Department of Pharmacy, Vanderbilt University Medical Center Nashville, TN
November 2014	Influenza Vaccination Policies and Procedures Presented to Trauma Nursing Unit Board, Vanderbilt University Medical Center Nashville, TN
June 2014	Treatment of Calcium Channel Blocker Overdose Department of Pharmacy, Education Conference Presentation, Cleveland Clinic Cleveland, OH
June 2014	Controlled Substance Prescribing Policies and Procedures Medical Resident Orientation, Cleveland Clinic Cleveland, OH
June 2014	Treatment of Diabetic Ketoacidosis and Electrolyte Abnormalities Department of Pharmacy, Advanced Pharmacy Practice Experience Student Lecture Cleveland Clinic, Cleveland, OH
November 2013	Treatment of Disseminated Mycobacterium avium Complex Infections Department of Pharmacy, Education Conference Presentation, Cleveland Clinic Cleveland, OH
September 2013	Treatment of Hyperglycemic Crisis: Diabetic Ketoacidosis Department of Pharmacy, Education Conference Presentation, Cleveland Clinic Cleveland, OH
May 2015	Ceftolozane/Tazobactam for Complicated Intra-abdominal Infections Critical Care Journal Club Presentation, Vanderbilt University Medical Center Nashville, TN
April 2015	Effects of Statin Use During Hospitalization for Intracerebral Hemorrhage Critical Care Journal Club Presentation, Vanderbilt University Medical Center Nashville, TN
April 2015	Impact of Clostridium difficile Infection in a Neutropenic Patient Population Clostridium Research Group Division of Infectious Disease, Vanderbilt University Medical Center Nashville, TN
March 2015	Dysglycemia in the Critically Ill Patient Population Multidisciplinary Adult Nutrition Service Rounds Center for Human Nutrition, Vanderbilt University Medical Center Nashville, TN

TEACHING

DIDACTIC

2020 – Present University of Michigan College of Pharmacy, Ann Arbor, MI
Course Coordinator
2021 – Present PHARMACY 702 (P3 Therapeutics), approximately 80 students per year

Lecturer

2020 – Present PHARMACY 702 (P3 Therapeutics), approximately 80 students per year
Quantification of Renal Function
Renal Replacement Therapy
Chronic Kidney Disease
Acute Kidney Injury and Drug-Induced Nephropathies
Lab, Renal Cases
Fluid Therapies
Acid-Base
Sodium and Potassium Disorders
Calcium, Magnesium, and Phosphorus Disorders
Lab, Acid-Base and Electrolyte Cases

Course Coordinator and Lecturer

PHARMACY 702 (P3 Therapeutics) Summer Remediation Course
2021 1 student
2022 6 students

Instructor

2020 – Present PharmD Investigations, PHARMACY 614/719/739
2 pharmacy students per class year

Instructor

2020 – Present PHARMACY 730 Pharmacy Student Seminar
2 P4 students per year

2017 – 2019 Wake Forest University College of Medicine, Winston Salem, NC
Lecturer M4 Seminar, approximately 140 students per year
Preparing for Residency Intern Year, Medication Clinical Pearls

2014 Belmont University College of Pharmacy, Nashville, TN
Course Coordinator
Special Topics in Pharmacotherapy: Critical Care Elective; 2 credit hours, 30 students

Lecturer Agitation and Delirium
Shock States and Hemodynamic Support
Septic Shock
Anemia of Critical Illness and Blood Conservation

Additional didactic mentee not included in above coursework:

2022 – Present Secondary Mentor
Levi Hooper, Clinical Pharmacy and Translational Sciences PharmD/PhD Candidate

EXPERIENTIAL

Experiential Rotations Precepted:

2020 – Present	Medical ICU, Michigan Medicine, University of Michigan, Ann Arbor, MI
2020	COVID ICU, Virtual APPE rotation for PharmD Class of 2020
2015 – 2020	Medical ICU, Wake Forest Baptist Health, Winston Salem, NC
2013 – 2014	Primary Preceptor while PGY-2 Critical Care Resident at Vanderbilt University Medical Center, Nashville, TN

Number of post-graduate pharmacy residents and PharmD APPE P4 students precepted on rotation in the ICU

Year	PGY-2 Critical Care	PGY-2 Infectious Diseases	PGY-2 Emergency Medicine	PGY-1	PharmD APPE	PharmD IPPE
2013-2014					4	
2015-2020	8	4		19	15	
2020-Present	4	3	1	8	8	2
Total	12	7	1	27	27	2

PGY2 Critical Care Residents Trained while Program Coordinator and Current Position/Institution

2015 – 2016	Matt Watson, Medical ICU/Clinical Coordinator, Emory University
2016 – 2017	Josh Arnold, Medical Oncology ICU Pharmacist, Ohio State University
2017 – 2018	Liz Kowalik, Medical ICU Pharmacist, UMass Memorial Hospital
2018 – 2019	Kate Summers, Medical ICU Pharmacist, OU Health
2019 – 2020	Kara Kubbs, Cardiac ICU, OU Health

SCHOLARSHIP

PUBLICATIONS

BOOK CHAPTERS

1. **Kenes MT**, Farina N. Fungal Infections in the Intensive Care Unit. In Flannery AH, Hall Zimmerman L, eds. Critical Care Self-Assessment Program, 2022 Book II. Infectious Diseases in the ICU. Lenexa, KS: American College of Clinical Pharmacy, 2022.
2. Bliss S, **Kenes MT**. Nutrition Support Services. In Boucher BA, Haas CE, eds. Critical Care Self-Assessment Program, 2018 Book III. Fluids and Nutrition/GI and Liver Disorders. Lenexa, KS: American College of Clinical Pharmacy, 2018

ORIGINAL CONTRIBUTIONS

**Indicates direct student or resident mentee*

3. Mohammad RA, Nguyen CT, Costello, Poyant JO, Yeung YA, Landolf K, Artman KL, Taylor DC, **Kenes MT**, Alkhateeb T, Stollings JL. Medication Changes and Diagnosis of New Chronic Illnesses in COVID-19 Intensive Care Unit Survivors. *Ann Pharmacother.* 2022;56(9):973-80. Journal Impact Factor: 3.463, Times Cited: 2.
4. Parker AM, Brigham E, Connolly B, McPeake J, Agranovich AV, **Kenes MT**, Casey K, Reynolds S, Schmidt KFR, Kim SY, Kaplin A, Sevin CM, Brodsky MB, Turnbull AE. Addressing the Post-Acute Sequelae of SARS-CoV-2 Infections: A Multidisciplinary Model of Care. *Lancet Respir Med.* 2021;9(11):1328-41. Journal Impact Factor: 102.642, Times Cited: 72. Role: Pharmacist representative on international interdisciplinary team, wrote section of manuscript.
5. *Ingebrigtsen M, Farina N, Miller J, Renius K, McSparron JI, **Kenes MT**. Cisatracurium Dosing Requirements in

- COVID-19 Compared to Non-COVID-19 Patients. *J Pharm Pract.* 2021. (online ahead of print). Journal Impact Factor: 1.289, Times Cited: 1.
6. Harwayne-Gidansky I, Zurca A, Maa T, Bhalala US, Malaiyandi D, Nawathe P, Sarwal A, Waseem M, **Kenes MT**, Vennero M, Emler L. Defining Priority Areas for Critical Care Simulation: A Modified Delphi Consensus Project. *Cureus.* 2021;13(6):e15844. Journal Impact Factor: n/a, Times Cited: 2. Role: Pharmacist representative on international interdisciplinary team, wrote section of manuscript.
 7. Pun BT, Badenes R, Heras La Calle G, Orun OM, Chen W, Raman R, Simpson BK, Wilson-Linville S, Hinojal Olmedillo B, Vallejo de la Cueva A, van der Jagt M, Navarro Casado R, Leal Sanz P, Orhun G, Ferrer Gómez C, Núñez Vázquez K, Piñero Otero P, Taccone FS, Gallego Curto E, Caricato A, Woien H, Lacave G, O'Neal HR Jr, Peterson SJ, Brummel NE, Girard TD, Ely EW, Pandharipande PP; COVID-19 Intensive Care International Study Group. Prevalence and Risk Factors for Delirium in Critically Ill Patients with COVID-19 (COVID-D): A Multicenter Cohort Study. *Lancet Respir Med.* 2020;9(3):239-250. Journal Impact Factor: 102.642, Times Cited: 320. Role: Site coordinator.
 8. **Kenes MT**, McSparron JI, Marshall VD, Renius K, Hyzy RC. Propofol-Associated Hypertriglyceridemia in Coronavirus Disease 2019 Versus Noncoronavirus Disease 2019 Acute Respiratory Distress Syndrome. *Crit Care Explor.* 2020;2(12):e0303. Journal Impact Factor: pending, Times Cited: 10.
 9. Cagino LM, Kercheval JB, **Kenes MT**, McSparron JL, Blank R, Chinn SB, Claar DD, Iwashyna TJ, DeCardenas J. Association of Tracheostomy with Changes in Sedation During COVID-19: A Quality Improvement Evaluation at the University of Michigan. *Ann Am Thorac Soc.* 2020;18(5):907-9. Journal Impact Factor: 8.785, Times Cited: 11. Role: Led data collection and assisted in evaluation of sedative medication infusions.
 10. *Goad NT, Bakhru RN, Pirkle JL, **Kenes MT**. Association of Hyperchloremia with Unfavorable Clinical Outcomes in Adults with Diabetic Ketoacidosis. *J Intensive Care Med* 2020;35(11):1307-13. Journal Impact Factor: 2.889, Times Cited: 10.
 11. Roberts RJ, Miano TA, Hammond DA, Patel GP, Chen JT, Phillips KM, Lopez N, Kashani K, Qadir N, Cairns CB, Mathews K, Park P, Khan A, Gilmore JF, Brown ART, Tsuei B, Handzel M, Chang AL, Duggal A, Lanspa M, Herbert JT, Martinez A, Tonna J, Ammar MA, Nazer LH, Heavner M, Pender E, Chambers L, **Kenes MT**, Kaufman D, Downey A, Brown B, Chaykosky D, Wolff A, Smith M, Nault K, Gong MN, Sevransky JE, Lat I; Observation of VariatiOn in fLUids adMinistEred in shock-CHaracterizAtion of vaSoprEссор Requirements in Shock (VOLUME-CHASERS) Study Group and SCCM Discovery Network.. Evaluation of Vasopressor Exposure and Mortality in Patients with Septic Shock. *Crit Care Med.* 2020;48(10):1445-53. Journal Impact Factor: 9.296, Times Cited: 21. Role: Site primary investigator.
 12. Chen JT, Roberts R, Fazzari MJ, Kashani K, Qadir N, Cairns CB, Mathews K, Park P, Khan A, Gilmore JF, Brown ART, Tsuei B, Handzel M, Lee Chang A, Duggal A, Lanspa M, Herbert JT, Martinez A, Tonna J, Ammar MA, Hammond D, Nazer LH, Heavner M, Pender E, Chambers L, **Kenes MT**, Kaufman D, Downey A, Brown B, Chaykosky D, Wolff A, Smith M, Nault K, Sevransky J, Gong MN; VOLUME-CHASERS Study Group and Society of Critical Care Medicine Discovery Network.. Variation in Fluid and Vasopressor Use in Shock With and Without Physiologic Assessment: A Multicenter Observational Study. *Crit Care Med.* 2020;48(10):1436-44. Journal Impact Factor: 9.296, Times Cited: 6. Role: Site primary investigator.
 13. Mohammad RM, Betthausen KD, *Boostaver KR, Coe AB, Kolpek JH, Fritschle AC, Jagow B, **Kenes, MT**, MacTavish P, Slampak-Cindric AA, Whitten JA, Jones C, Simonelli R, Rowlands I, Stollings JL Clinical Pharmacist Services within Intensive Care Unit Recovery Clinics: An Opinion of the Critical Care Practice and Research Network of the American College of Clinical Pharmacy. *J Am Coll Clin Pharm.* 2020; 3:1369-79. Journal Impact Factor: pending, Times Cited: 6. Role: Wrote section of manuscript as member of international pharmacist panel.
 14. Stringer KA, Puskarich MA, **Kenes MT**, Dickson RP. COVID-19: The Uninvited Guest in the Intensive Care Unit - Implications for Pharmacotherapy. *Pharmacotherapy.* 2020 May;40(5):382-386. Journal Impact Factor: 6.251, Times Cited: 12.
 15. Coe AB, *Bookstaver RE, Fritschle AC, **Kenes MT**, MacTavish P, Mohammad RA, Simonelli RJ, Whitten JA, Stollings JL. Pharmacists' Perceptions on their Roles, Activities, Facilitators, and Barriers to Practicing in a Post-Intensive Care Recovery Clinic. *Hospital Pharmacy* 2020 Apr;55(2):119-125. Journal Impact Factor: 0.959, Times Cited: 9.

16. Bakhru RN, Davidson JF, *Bookstaver RE, **Kenes MT**, Peters SP, Welborn KG, Creech OR, Morris PE, Files DC. Implementation of an ICU Recovery Clinic at a Tertiary Care Academic Center. *Crit Care Expl* 2019;1(8):e0034. Journal Impact Factor: pending, Times Cited: 21.
17. Haines KJ, Sevin CM, Hibbert E, Boehm LM, Aparanji K, Bakhru RN, Bastin AJ, Beesley SJ, Butcher BW, Drumright K, Eaton TL, Farley T, Firshman P, Fritschle A, Holdsworth C, Hope AA, Johnson A, **Kenes MT**, Khan BA, Kloos JA, Kross EK, MacLeod-Smith BJ, Mactavish P, Meyer J, Montgomery-Yates A, Quasim T, Saft HL, Slack A, Stollings J, Weinhouse G, Whitten J, Netzer G, Hopkins RO, Mikkelsen ME, Iwashyna TJ, McPeake J. Key Mechanisms by which Post-ICU Activities can Improve In-ICU Care: Results of the International THRIVE Collaboratives. *Intensive Care Medicine* 2019;47(9):1194-1200. Journal Impact Factor: 41.787, Times Cited: 83.
18. Haines KJ, McPeake J, Hibbert E, Boehm LM, Aparanji K, Bakhru RN, Bastin AJ, Beesley SJ, Beveridge L, Butcher BW, Drumright K, Eaton TL, Farley T, Firshman P, Fritschle A, Holdsworth C, Hope AA, Johnson A, **Kenes MT**, Khan BA, Kloos JA, Kross EK, Mactavish P, Meyer J, Montgomery-Yates A, Quasim T, Saft HL, Slack A, Stollings J, Weinhouse G, Whitten J, Netzer G, Hopkins RO, Mikkelsen ME, Iwashyna TJ, Sevin CM. Enablers and Barriers to Implementing ICU Follow-up Clinics and Peer Support Groups Following Critical Illness: The Thrive Collaboratives. *Crit Care Med* 2019;45(7):939-47. Journal Impact Factor: 9.296, Times Cited: 95.
19. Lat I, Daley MJ, Shewale A, Pangrazzi MH, Hammond D, Olsen KM; DEFINE study group and the Discovery Research Network. A Multicenter, Prospective, Observational Study to Determine Predictive Factors for Multidrug Resistant Pneumonia in Critically Ill Adults: The DEFINE Study. *Pharmacotherapy* 2018;39(3):253-60. Journal Impact Factor: 6.251, Times Cited: 19. Role: Site primary investigator.
20. Bakhru RN Davidson JF, *Bookstaver RE, **Kenes MT**, Welborn KG, Morris PE, Clark Files D. Physical Function Impairment in Survivors of Critical Illness in an ICU Recovery Clinic. *J Crit Care* 2018;45:163-9. Journal Impact Factor: 4.298, Times Cited: 37.
21. **Kenes MT**, Stollings JL, Wang L, Ely EW, Girard TD, Pandharipande PP. Persistence of Delirium after Cessation of Sedative and Analgesics and Impact on Clinical Outcomes in Critically Ill Patients. *Pharmacotherapy*. 2017;37(11):1357-65. Journal Impact Factor: 6.251, Times Cited: 17.
22. **Kenes MT**, Leonard MC, Bauer SR, Wyman MJ. Comparison of Liposomal Bupivacaine and Elastomeric Continuous Infusion Bupivacaine Pump for the Treatment of Post-Operative Pain. *Am J Health Syst Pharm* 2015;72:S127-32. Journal Impact Factor: 2.98, Times Cited: 14.

LETTERS TO THE EDITOR

23. *Summers KL, Mihm AE, **Kenes MT**. Direct Oral Factor Xa Inhibitors in Patients with Morbid Obesity. *Lancet Haematology* 2019;6(9):e446. Journal Impact Factor: 30.153, Times Cited: 0.

PEER-REVIEWED CASE REPORTS

24. **Kenes MT**, Hamblin S, Tumuluri S, Guillaumondegui O. Syndrome of Inappropriate Antidiuretic Hormone in a Patient Receiving High-Dose Haloperidol and Quetiapine therapy. *J Neuropsychiatry Clin Neurosci*. 2016;28(2):e-29-e30. Journal Impact Factor: 2.891, Times Cited: 9.

PERIODICALS and NON-PEER-REVIEWED PUBLICATIONS

1. *Goad N, **Kenes MT**. Euglycemic Diabetic Ketoacidosis and SGLT-2 Inhibitors. *Wake Forest Quarterly*. 2017;3(7)2.
2. **Kenes MT**. The Third International Consensus Definitions for Sepsis and Septic Shock (Sepsis-3). *Wake Forest QMonthly*. 2016;2(10):2-3.
3. Welch PR, **Kenes MT**. Systemic Corticosteroids for Acute Exacerbations of Chronic Obstructive Pulmonary Disease. *Clinical Pharmacy and Pharmacology Section Newsletter: SCCM*. 2015;15(3):5-8.
4. **Kenes MT**. Risk Factors for Falls in Hospitalized Patients. *Wake Forest InPharmation*. 2015;7(4):4-5.
5. **Kenes MT**. Liposomal Bupivacaine. *Cleveland Clinic Clinical Rx Forum*. 2014;2(3):1-2.
6. **Kenes MT**. Recent Erythropoietin Stimulating Agent Use. *Illinois Pharmacist*. 2012;74(2):18-20

IN PRESS

1. Ankravas MJ, McKenzie CA, **Kenes MT**. Precision-Based Approaches to Delirium in Critical Illness. Pharmacotherapy.

PRE-SUBMISSION

2. **Kenes MT**, Adie S, Schang S, Lin K, Marshall V, Valley T, McSparron T, Hyzy R, Coe AB. Medication Continuation for New-Onset Atrial Fibrillation among ICU Survivors.
3. Barker AK, Valley TS, **Kenes MT**, Sjoding MW. Sedation Practices for Intubated Non-COVID Patients Have Worsened in the Post-COVID Era.

ABSTRACTS

**Indicates direct student or resident mentee*

1. Schang S, Coe AB, Adie SK, Hyzy RC, McSparron JI, Valley TS, Kenes MT. Continuation of ICU-Initiated Digoxin in Survivors of Critical Illness. American College of Clinical Pharmacy 2023 Virtual Poster Symposium. May 2023.
2. Lin K, Coe AB, Adie SK, Hyzy RC, McSparron JI, Valley TS, Kenes MT. Continuation of ICU-Initiated Diltiazem in Survivors of Critical Illness. American College of Clinical Pharmacy 2023 Virtual Poster Symposium. May 2023.
3. Barker AK, Valley TS, Kenes MT, Sjoding MW. Sedation Practices for Intubated Non-COVID Patients Have Worsened in the Post-COVID Era. American Thoracic Society 2023. Washington, DC. May 2023
 - *Podium Presentation*
4. Kenes MT, Adie SK, Valley TS, McSparron JI, Coe AB. Continuation of ICU-Initiated Amiodarone in Survivors of Critical Illness. Society of Critical Care Medicine's 2023 Critical Care Congress. San Francisco, CA. January 2023.
 - *Scholarship Award, Research Section*
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6. *Ingebrigtsen M, Farina N, Miller J, Renius K, McSparron JI, Kenes MT. Cisatracurium Dosing Requirements in COVID-19 Compared to Non-COVID-19 Patients. Society of Critical Care Medicine's 50th Critical Care Congress. Virtual. Virtual Conference. February 2021.
7. Kenes MT, Belford PM. Anticoagulation Practices with Catheter-Directed Thrombolysis for Treatment of Pulmonary Embolism. Society of Critical Care Medicine's 49th Critical Care Congress. Orlando, FL. February 2020.
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12. *Goad NT, Pirkle J, Bakhru R, Kenes MT. Association of Hyperchloremia and Unfavorable Clinical Outcomes in Adults with Diabetic Ketoacidosis. Society of Critical Care Medicine's 48th Critical Care Congress. San Diego, CA. February 2019.
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13. Kenes MT, Davidson J, *Boostaver R, *Watson M, Creech O, Files DC, Bakhru R. Characterization of Non-Attendance in an Intensive Care Unit Recovery Clinic. Society of Critical Care Medicine's 46th Critical Care Congress. Honolulu, HI. January 2017.
14. Kenes MT, Stollings JL, Wang L, Ely EW, Girard TD, Pandharipande PP. Persistence of Delirium after Cessation of Sedative and Analgesics and Impact on Clinical Outcomes in Critically Ill Patients. Society of Critical Care Medicine's 45th Critical Care Congress. Orlando, FL. February 2016.
15. Kenes MT, Patel P, Jones W, Nelson G, Stollings J, Aronoff DA. Treatment Outcomes of Clostridium difficile Infection in Neutropenic Adults. IDWeek 2015. San Diego, CA. May 2015.
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17. Kenes MT, Leonard MC, Bauer SR, Wyman MJ. Comparison of Liposomal Bupivacaine and Elastomeric Continuous Infusion Bupivacaine Pump for the Treatment of Post-Operative Pain. American College of Clinical Pharmacy 2014 Annual Meeting. Encore Presentation. Austin, TX. October 2014.
18. Kenes MT, Leonard MC, Bauer SR, Wyman MJ. Comparison of Liposomal Bupivacaine and Elastomeric Continuous Infusion Bupivacaine Pump for the Treatment of Post-Operative Pain. American Society of Anesthesiology 2014 Annual Meeting. New Orleans, LA. October 2014.

RESEARCH GRANTS

PEER REVIEWED

Role: Other Significant Contributor; PIs: Robert Dickson, Michael Sjoding, Kathleen Stringer. NIH/NHLBI R01. (\$5,060,751). The Role of the Microbiome in the Acute Respiratory Distress Syndrome: A Translational, Molecular Approach. Unfunded.

- Contributed successful pharmaceutical design of three medication regimens (antimicrobials for selective decontamination of the digestive track, antimicrobials for anaerobe depletion, and placebo), ensuring complete oral intake among alive and non-intubated pigs administered twice daily for seven days, to gather pre-submission data of independently publishable quality.

NON-PEER REVIEWED

Role: Co-Investigator (10% effort); PI: Jill Ohar. Investigator-Initiated, Unrestricted Research Grant. Boehringer Ingelheim. Utilization of Peak Inspiratory Flow Rate in Chronic Obstructive Pulmonary Disease. Funded 2019.

Role: Study Coordinator (no effort); PI: Jill Ohar. Investigator-Initiated Grant. Sunovion Pharmaceuticals Inc (\$604,026). Preliminary Study for Comparison of Triple Nebulizer Therapy versus Dry Powdered Inhalers for Care Transitions in Chronic Obstructive Pulmonary Disease. Funded 2017.

Role: Primary Investigator; Research Mentor: Joanna Stollings. Vanderbilt Institute for Clinical and Translational Research Grant for statistical support (\$5,000). The Persistence of ICU Delirium after Cessation of Sedatives and Analgesics. Vanderbilt University Medical Center. Funded 2015.

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