

April 13th, 2021

Agenda

Resident/ Fellows

- 7:00 am Fascial Distortion Model for Extremity Pain in the Emergency Department
Jessica Pelletier, D.O. Carilion Clinic Emergency Medicine
- 7:10 Symptom Frequency Preceding Non-Hereditary Young Onset Colorectal Cancer Diagnosis
Lindsey A. Bierle, D.O., Carilion Clinic
- 7:20 10-minute Break
- 7:30 Biofilm Formation in Acinetobacter Baumannii Clinical Isolates
Elizabeth S. Nowak, MD, Carilion Clinic
- 7:40 Chronic Cocaine Use: Not So Fast
Luke J. Ennis, DO, Carilion Clinic
- 7:50 Making Sense of a Missense Mutation in Thrombomodulin
Jessica A. Fleming, DO, Carilion Clinic,
- 8:00 Tricky Lactate: A Case of Linezolid-Induced Lactic Acidosis
Kyle Admire, DO, Carilion Clinic
- 8:10 Catheter-directed Thrombolysis Transition to Heparin Infusion in Acute Pulmonary Embolism
Madalyn Motes, PharmD, Carilion Clinic
- 8:20 Comparison of LOKELMA and KAYEXALATE for acute hyperkalemia
Casey S. Bardsley, PharmD, Carilion Clinic
- 8:30 Predictors of Mortality and Revision Following Digital Amputation
Brian Cripe, MD, Carilion Clinic, Plastic & Reconstructive Surgery
- 8:40 A Multimodality Approach to HIT-Associated Submassive Pulmonary Embolism
Benjamin Fleming, DO, Virginia Tech Carilion Family Medicine
- 8:50 Warfarin vs DOACs in TAT in Patients with Renal Insufficiency
Yang Zhao, PharmD, Carilion Clinic
- 9:00 Achilles Heel of Familial Hypercholesterolemia

Vira Ayzenbart, MD, Carilion Clinic, Internal Medicine

- 9:10 Identifying and Improving Insurance Gaps in Pediatric Populations
Steven J. Griffin, DO, Carilion Clinic, Pediatrics
- 9:20 Reducing Opioid Prescriptions in Surgical Patients at Carilion Clinic
Katie Howe, MD, MPH, Carilion Clinic, General Surgery
- 9:30 Evaluation of Liposomal Bupivacaine Use in Total Shoulder Arthroplasty
Sarah Lipps, PharmD, Carilion Clinic, Pharmacy
- 9:40 Safety of High Dose Chemical Thromboprophylaxis in Obese Patients
Andrew Scott, PharmD, MBA, RN, Carilion Clinic, Pharmacy
- 9:50 Improving Screening Of Glucocorticoid Induced Osteoporosis in Rheumatology
Srujana Pachigolla, MD, Carilion Clinic, Internal Medicine
- 10:00 Retrospective Study Comparing Office-based Opioid Treatment versus Medication-Assisted Treatment
Shuo Qiu, MD, Carilion Clinic, Psychiatry

Faculty/ Staff

- 10:30 Does De-Implementation of Low Value Care Impact the Patient-Clinician Relationship?
John Epling, MD Carilion Clinic Family and Community Medicine
- 10:45 Race, Vitamin D, and COVID-19 using Propensity Score Methods
Ian C. Crandell, PhD, Virginia Tech, Center for Biostatistics and Health Data Science
Presented by Michelle Rockwell, PhD Carilion Clinic Family and Community Medicine
- 11:00 Counting Respiratory and Heart Rates using new technology
Donna Bond, DNP, RN, CCNS, AE-C, CTTS, FCNS, Carilion Clinic, Nursing,
- 11:15 Impact of the Influenza Vaccination on the Orthopedic Surgical Patient
Cindy W. Ward, DNP, RN-BC, CMSRN, ACNS-BC, Carilion Clinic, Nursing
- 11:30 Longitudinal Study-Impact of Schwartz Center Rounds on Moral Distress
Phyllis B. Whitehead, PhD, APRN, ACHPN, PMGT-BC, FNAP, Carilion Clinic, Palliative
Medicine/Ethics

Student

- 11:45 Electronic Clinical Opioid Withdrawal Scale (eCOWS)
Kirin Anand, Student, Virginia Tech, Engineering

Student's Mentor: Robert L. Trestman, MD, PhD, Virginia Tech Carilion School of
Medicine, Psychiatry, Behavioral Medicine

11: 55 A Qualitative Analysis of Patient Perspectives on Low Value Healthcare
Kenan C. Michaels, BA, Virginia Tech Carilion School of Medicine
Student's Mentor: Michelle Rockwell, PhD, RD, Carilion Clinic, Family and Community
Medicine

12:05 Prehospital Lung Ultrasound (PLUS) Study
A. Harrison Brookeman, BS, Virginia Tech Carilion School of Medicine, School of Medicine,
Student's Mentor: John McNamara, MPA, MS, DC, Virginia Tech Carilion School of
Medicine, Basic Science

12:15 Creating Vital Signs Monitors for Low to Middle-Income Countries
Samuel J. Rodgers, Undergraduate student, Virginia Tech, Biological Systems Engineering
Student's Mentor: Andre Muelenaer, MD, MS, Carilion Clinic Physician, Pediatric
Pulmonology

12:30 Keynote Lecture:

A Physician's Journey as a Pediatric Pulmonologist Intersecting with Engineering and Team Science
Andre Muelenaer, MD, MS, Carilion Clinic Physician, Pediatric Pulmonology
Professor of Practice, Biomedical Engineering and Mechanics, Virginia Tech