

## Unified Quality Improvement Symposium

Hosted by The REACH Initiative and VMC Quality Office

East Carolina Heart Institute

March 31, 2017

### AGENDA

- 8:45-9:15 **Registration and Refreshments**  
*ECHI Atrium*
- 9:00-10:00 **Poster Viewing**  
*ECHI Atrium*
- 10:00- 10:05 **Welcome and Overview**  
Elizabeth Baxley, MD, Senior Associate Dean for Academic Affairs  
*ECHI Auditorium*
- 10:05-11:00 **Session One**  
Moderator: Danielle Walsh, MD, Associate Professor of Surgery  
*ECHI Auditorium*
- 11:00-12:00 **Session Two**  
Moderator: Herbert Garrison, MD, MPH, Associate Dean for Graduate Medical Education, Professor of Emergency Medicine  
*ECHI Auditorium*
- 12:15-1:15 **Keynote & Lunch**  
Moderator: Niti Armistead, MD, TQA Graduate, TQA 2.0 Program Director, Associate Professor of Internal Medicine, Senior Medical Director for Quality, Vidant Medical Center  
Speaker: David Jaimovich, MD, Founder and President of Quality Resources International  
*ECHI Conference Room A&B*
- 1:15-1:45 **Poster Viewing**  
*ECHI Atrium*  
**Symposium attendees are encouraged to attend the poster session and view the quality improvement work that is being conducted throughout the Health Sciences Campus and Vidant Health System.**
- 1:45-2:45 **Session Three**  
Moderator: KaSheta Jackson, MSN, RN, Quality Nurse Specialist III, Vidant Health  
*ECHI Auditorium*
- 2:45-3:00 **Break**  
*ECHI Atrium, refreshments and hors d'oeuvres will be provided*
- 3:00-3:30 **Student Innovation Challenge**  
Moderator: Elizabeth Baxley, MD, Senior Associate Dean for Academic Affairs  
*ECHI Auditorium*
- 3:30-4:00 **Judges' Comments, Awards, and Evaluation**  
Moderator: Joan Wynn PhD, RN, Chief Quality Officer, Vidant Health  
*ECHI Auditorium*



## Symposium Judges

**Michael Waldrum, MD, MSC, MBA, Chief Executive Officer, Vidant Health**

**Warren P. Newton, MD, MPH, Vice Dean & Director of NC AHEC, UNC School of Medicine**

**Paul Bolin, MD, Chair, Department of Internal Medicine**

**Dorothea Handron, EdD, APRN, Associate Professor Emerita, College of Nursing**

**Joanne Burgdorff, Past Chairman of the Vidant Medical Center Board of Trustees**

**Linda D. Hofler, PhD, RN, NEA-BC, FACHE, Senior Vice President – Nurse Executive, Vidant Medical Center**

**Suzanne Lazorick, MD, MPH, Associate Professor of Pediatrics and Public Health**

## Symposium Objectives

At the end of this symposium, participants will be able to:

1. Explain the quality improvement process as illustrated through inpatient, acute care, ambulatory practice and interprofessional improvement projects.
2. Describe how the quality improvement process can impact clinical care and system's based practice.

## PODIUM PRESENTATIONS

### Session One – 10:00-11:00 a.m.

**Amanda Higginson, MD, TQA 2.0 Faculty, Department of Pediatrics**

*Improved Physical Exam Documentation in a Pediatric After Hours Clinic*

**Renee Mayo, MSN, RN-BC, NE-BC, Nurse Manager and Stephanie Ellis, BSN, RN-BC, RN II, Vidant Medical Center**

*Raising Awareness: Venous Thromboembolism Prevention and Reduction in the Orthopedic Patient Population*

**George Koromia, MD, PGY-2, Department of Internal Medicine**

*Improving Post-Admission Medication Reconciliation among Inpatient Providers through Cognitive Feedback: The "Red Dot"*

**Edward Johnson, MD, TQA 2.0 Faculty, Department of Pediatrics**

*Stop the Noise! A Framework for Improving Alarm Response Time on a Pediatric Inpatient Unit*

### Session Two – 11:00-12:00 p.m.

**Martha Naylor, MD, TQA 2.0 Faculty, Department of Pediatrics**

*Reduction in Unplanned Extubations through Education and Team Based Intervention in the NICU*

**Amy McMahon, MHA, MSN, RN Nursing Supervisor, Employee Clinic, Vidant Medical Group and Joseph Pye, MD, TQA 2.0 Faculty, Medical Director of Health Informatics, Vidant Health**

*Vidant Employee Clinic Redesign*

**Shiv Patil, MD, TQA 2.0 Faculty, Department of Family Medicine**

*A Multidisciplinary Quality Improvement Intervention Reduced Inpatient Hypoglycemia at a Tertiary Care Teaching Hospital*

**Timothy Reeder, MD, MPH, TQA 1.0 Graduate, LINC Scholars Program Director, Department of Emergency Medicine and Brandy Galloway, BSN, RN, CEN, Nurse Manager, Department of Emergency Medicine, Vidant Medical Center**

*Accelerating the PDSA Cycle, Using Computer Simulation for Operational Improvement in the Emergency Department*



### **Session Three – 1:45-2:45 p.m.**

**Mary Catherine Turner, MD, TQA 2.0 Faculty, Department of Pediatrics**

*Implementing Quality Improvement in the APHC Resident Continuity Clinic*

**Koren Way, Transplant Administrator, Vidant Medical Center**

*“Fast Pass” to Transplant: Improved Transplant Outcomes through Better Waitlist Management*

**Sunny Patel, MD, Department of Pediatrics and Uduak Akpan, MD, Department of Pediatrics**

*Volume Targeted Ventilation in Extremely Low Birth Weight (ELBW) Infants to Reduce the Risk of Hypocarbica in the First Week of Life*

**Michael Passwater, BS, MT (ASCP) SBB, DLM, CSSGB (ASQ), Pathology Section Manager, Vidant Medical Center**

*Reducing Blood Transfusions to Increase Care Efficiency: The Dawn of Patient Blood Management at VMC*

### **POSTER PRESENTATIONS**

**Sadeem Ali, MD, PGY-5 Nephrology Fellow**

*Improving the Percentage of Hepatitis B Immunization in our Hemodialysis Patients*

**Timothy Barnes, Clinical Manager, Department of Radiation Oncology**

*Evaluation of the Efficiency of CT-Simulations as a Continuous Quality Improvement (CQI) Strategy to Decrease the Time to Treatment Initiation (TTI) for Radiotherapy Patients*

**Pamela Cowin, Administrator, Transitional Care Services, Vidant Health**

*Optimizing Patient Medication Outcomes through Cross-Continuum Care-Vidant Health & ECUP Pharmacy*

**Ciarra Dortche, Social/Clinical Research Assistant, Department of Internal Medicine**

*Where did all the Patients Go? Engaging the Patient by Improving No-Show Rates: A Team Based Approach*

**Guyla Evans, PhD, Department of Clinical Laboratory Science**

*Electronic Medical Records and Patient-Centered Care: Twenty Years in the Emergency Department*

**Sue Anne Fipps, MSN, RN, CPN, TQA 2.0 Faculty, Program Manager, Eastern Carolina Injury Prevention Program, Vidant Medical Center**

*Safety Starts with Vidant—Newborn Child Passenger Seat Inspection on Discharge*

**Oliver Glass, MD, PGY-4, Department of Psychiatry and Behavioral Medicine**

*Improving Oral Protection During Electroconvulsive Therapy (ECT)*

**Laura Harman, MD, TQA 2.0 Faculty, Department of Family Medicine**

*Test Follow-Up as a Proxy for Improving Patient-Centeredness*

**Juhee Kim, ScD, Department of Public Health**

*Development of a Transdisciplinary Research Program, Health Information Internship, to Improve Patient Portal use at ECU General Pediatrics*

**George Koromia, MD, PGY-2, Department of Internal Medicine**

*Understanding Patterns of Tobacco Abuse and Cessation Counselling at an Internal Medicine Residents’ Clinic through Visual Informatics*

**Suzanne Lea, PhD, MPH, Department of Public Health**

*Examine the Medical Record to Improve Colon Cancer Screening*



**Justin Lee, MD, Department of Family Medicine, Sports Medicine Division**

*Seeking Multiple Interventions for Lasting Efficiency and Satisfaction (SMILE): Improving Joy in Practice*

**LaShawn McDuffie, RN, MSN, Assistant Nurse Manager, Vidant Radiation Oncology**

*Development of a Formal Patient Education Delivery and Documentation Process for Patients Receiving Radiation Therapy Treatment*

**Walter Pories, MD, Department of Surgery**

*Bariatric Surgery Centers of Excellence*

**Sayena Sajadi, MD, Nephrology Fellow, Department of Internal Medicine**

*Implementing Life Care Goal Discussions with Palliative Care Consultation in High Risk Hemodialysis Patients: An Effort to Improve Quality of Life and Reduce Hospital Readmissions*

**Ruba Sarsour, MD, Nephrology Fellow, Department of Internal Medicine**

*Nephrology Clinic Patient Satisfaction Quality Improvement*

**Ruba Sarsour, MD, Nephrology Fellow, Department of Internal Medicine**

*Arterial Continuous Renal Replacement Therapy: A Complication of the Past?*

**Akash Shah, M2, LINC Scholar, Brody School of Medicine**

*Healthcare through the Patient's Eyes*

**Denise Thomson, MD, Nephrology Fellow, Department of Internal Medicine**

*Move It or Lose It: Assessing Frailty in In-Center Hemodialysis Patients*

**Taylor Wolfe, Geriatric Pharmacy Resident, Department of Family Medicine**

*Comparison of Fill Rates between New Written and Electronic Prescriptions for Cardiovascular Medications in Adult Patients: A Retrospective Cohort Study*

**Jan Wong, MD, TQA 2.0 Faculty, Department of Surgery**

*Improving Patient Safety by Improving Patient Access to Care*

## **STUDENT INNOVATION CHALLENGE**

**Alexandria Dixon, MS4, Brody School of Medicine and Kristie Hicks, MPH, East Carolina University**

*Group Visit Model for Well Child Visits to Improve Anticipatory Guidance, Family Satisfaction and Support, and Resident Education*

**Melissa Peeler, RN, BSN, Rebecca Smith, RN, BSN, and Sarah Tapscott, RN, BSN, ECU College of Nursing DNP Program**

*Meet PETE: Play, Educate, Train, and Exercise—A health centered app that is designed to encourage Play, Educate and Train youth on healthy lifestyle choices, and promote Exercise.*

**Zachary Williams, MS3, LINC Scholar, Anthony Mayen, MS3, Ryan Zeigler, MS3, Brody School of Medicine and Christian Cook, D2, ECU School of Dental Medicine**

*MyHealth INC.—An application designed to empower patients with a rewards based incentive system, integrated with easy-to-use technology to allow patients to easily track health care data.*

## **TEACHERS OF QUALITY ACADEMY 2.0—WORK IN PROGRESS POSTERS**

**LaToya Griffin, PhD, TQA 2.0 Faculty, Department of Pharmacology and Toxicology**

*Practical Approaches to Improving Student Learning & Satisfaction in Clinical Simulations: A Case Study in Medical Pharmacology*



**Christy Harding, RN, MSN, TQA 2.0 Faculty, Vidant Medical Center**

*Earlier Departure of Patients Discharged to Nursing Homes from 3 East*

**Robert Hartman, MD, TQA 2.0 Faculty, Department of Pediatrics**

*Identifying a Mechanism to Improve Health Literacy among Adults with Congenital Heart Defects*

**Triona Henderson, MD, TQA 2.0 Faculty, Department of Pathology**

*Utilization of the Verigene Blood Culture Identification System to Promote Quality Improvement in the Laboratory*

**George Kasarala, MD, TQA 2.0 Faculty, Vidant Medical Center**

*Hyperglycemic Control in the Hospital*

**Hsiao Lai, MD, TQA 2.0 Faculty, Department of Internal Medicine**

*Improving Global Assessment in Hemodialysis Patients with Frailty Scoring*

**Sujitha Nandi, MD, TQA 2.0 Faculty, Department of Internal Medicine**

*ECU General Internal Medicine Service Discharge before Noon Challenge*

**Martha Naylor, MD, TQA 2.0 Faculty, Department of Pediatrics**

*Improvement in Communication of Transferred Patients to a Tertiary Care Facility to Referral Physicians/Nurseries to Improve Provider Satisfaction*

**Shiv Patil, MD, TQA 2.0 Faculty, Department of Family Medicine**

*Improving Care of Patients with Diabetes using a Diabetes Registry*

**Joseph Pye, MD, TQA 2.0 Faculty, Vidant Medical Center**

*Improving Prevention Screening: Lessons Learned*

**Laura Respass, MSN, RN, TQA 2.0 Faculty, Vidant Medical Center**

*Wiping out CLABSIs: Improving CHG Baths to Prevent Infection*

**Lorie Sigmon, DNP, RN, FNP, TQA 2.0 Faculty, College of Nursing**

*Role Recognition, Responsibilities, and Communication between Disciplines: Nursing and Nutrition Student Perceptions*

**Tina Fuller, BSN, RN-BC and Karen Crawford, RN, College of Nursing**

*Use of Technology to Improve Real-Time Documentation of Vital Signs*

## **Continuing Medical Education Credit**

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of The Brody School of Medicine of East Carolina University and Vidant Medical Center Quality Office. The Brody School of Medicine of East Carolina University is accredited by the ACCME to provide continuing medical education for physicians.

Credit: The Brody School of Medicine of East Carolina University designates this live activity for a maximum of 4 *AMA PRA Category 1 Credit(s)*<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**To view the slides and posters from today's presentations enter the link into your web browser or scan the QR code below.** <https://www.ecu.edu/cs-dhs/medicaleducation/reach/Quality-Improvement-Symposium-2017.cfm>

