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 Hypocarbia 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 Respess, 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)™. 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](https://www.ecu.edu/cs-dhs/medicaleducation/reach/Quality-Improvement-Symposium-2017.cfm)