



# practice notes



**NORTH MISSISSIPPI  
MEDICAL CENTER**

October 2019

A monthly  
newsletter for  
physicians, nurse practitioners,  
physician assistants & other  
health care professionals

## **NMMC Cath Lab Featured for Quality Improvement in National Digest**

North Mississippi Medical Center was featured in Cath Lab Digest's September issue for successfully using new technology to reduce the amount of X-ray dye used in cardiac catheterization and percutaneous coronary intervention procedures.

Patients with normal kidney function can usually tolerate the X-ray dye because their kidneys can flush it through their system quickly. However, patients with compromised kidney function (such as those with diabetes or congestive heart failure, and older patients) are less able to tolerate dye usage because the dye spends more time in their kidneys.

Around 30% of all patients with bad kidney function who undergo these procedures are at risk of having an Acute Kidney Injury (AKI).

"Because of Mississippi's high obesity rate and its correlation with diabetes, we see a higher number of patients in whom we must worry about their kidneys as a result," said interventional cardiologist Barry Bertolet, M.D.

NMMC uses the DyeVert System, new technology that allows adequate imaging of the coronary vessels while at the same time reducing contrast dye use by 40-50%.

The first step is to identify at-risk patients. Like most facilities, NMMC was focusing on patients who had previously

been diagnosed with chronic kidney disease. Now, kidney function is calculated on all patients before their procedure. If a patient meets a certain threshold, the DyeVert system is used automatically.

"I get the adequate image of the heart, but the patient receives much less contrast," Dr. Bertolet said. "So far, these at-risk patients for renal failure or those who would have required dialysis immediately after the cath to pull off the contrast have been doing extraordinarily well since we began this protocol."



*NMMC Cardiac Catheterization Laboratory was featured in Cath Lab Digest's Quality Improvement Spotlight Article for September.*

To submit information, call (662) 377-2371 or email [gacausey@nmhs.net](mailto:gacausey@nmhs.net).  
Visit [www.nmhs.net/practice-notes](http://www.nmhs.net/practice-notes) to read this newsletter online.

NMMC has 18 cardiologists on staff who perform around 3,500 heart cath and 1,400 percutaneous coronary interventions each year. NMMC has four cath labs, a hybrid operating room and three cardiac electrophysiology labs.

## Dr. Seigler Named NMMC Acute Rehab Physician of the Year

NMMC's Acute Rehabilitation Services recently presented the Physician of the Year award to hospitalist Richard Seigler, M.D.

"Each year the team votes on a physician who has been most appreciated by the staff for expertise in their field, professionalism, communication, approachability and patient care skills," said Wade Henley, a physical therapist and rehabilitation coordinator for North Mississippi Medical Center's Acute Rehabilitation Services.

"The winning physician is one who has demonstrated an appreciation for therapy and inpatient wound care services over the last year."

In his nomination, Dr. Seigler was described as "a great patient advocate" who "gets to the bottom



David Friloux (left), a physical therapist and senior director in Post-Acute and Rehabilitation Services, and Wade Henley, a physical therapist and rehabilitation coordinator for NMMC's Acute Rehabilitation Services, present the Acute Rehabilitation Physician of the Year award to hospitalist Richard Seigler, M.D.

of the issues with those he cares for" and "believes in therapy to assist in the recovery of his patients." Dr. Seigler "advocates for patient mobility and independence." Therapists wrote that he values their input and recommendations, is thorough and always wants to do what is good for his patients.

Dr. Seigler joined the NMMC staff in 2011. He earned his medical degree from St. George's University School of Medicine in Grenada and completed his residency at Maimonides Medical Center in Brooklyn, New York. He is board certified in internal medicine.

## IMA-Tupelo Welcomes New Physician

IMA-Tupelo welcomes Marissa Cruz, D.O.

Dr. Cruz received her bachelor's degree in zoology from the University of Wisconsin in Madison. She received a master in public health and a master in business administration from the University of Illinois at Chicago. She completed an internal medicine residency at Mount Sinai Medical Center in Miami Beach, and she has completed additional training in hyperbaric medicine and wound care. She is board certified by the American Osteopathic Board of Internal Medicine. She comes to Tupelo from Corinth, where she has practiced internal medicine



since 2009. She is a member of the American College of Osteopathic Internists and the American Osteopathic Association.

## Pulmonary Consultants Welcomes New Providers

Pulmonary Consultants welcomes Kellie Grove, NP-C, and Megan Williams, AGACNP-BC.

Grove is employed by Pulmonary Consultants and works in the Critical Care Unit. She received her associate



degree in nursing from Northeast Mississippi Community College in Booneville, and her bachelor's degree in nursing from Mississippi University for Women in Columbus. She completed her master's degree and family nurse practitioner training at Walden University School of Nursing in Minneapolis, Minnesota. She has six years of experience as a registered nurse, and recently completed the Advanced Practice Clinician Fellowship at NMMC. She is certified in Controlled Substance Registration by the DEA, as well as in Mental Health First Aid. She is a member of the Mississippi Nurses Association and the Mississippi Association of Nurse Practitioners.

Williams received her associate degree from Itawamba Community College in Fulton, and her bachelor's degree in nursing from Mississippi University for Women. She received her master's degree in nursing and acute care nurse practitioner training from



the University of Alabama in Birmingham. She is a board-certified adult gerontology acute care nurse practitioner. She is a member of the American Association of Nurse Practitioners.

## West Point Children's Clinic Hosts Grand Re-Opening

West Point Children's Clinic hosted area families Sept. 10 for a grand re-opening and ribbon cutting event. In addition to touring the newly expanded and renovated clinic, participants visited with staff, enjoyed kid-friendly refreshments and viewed artwork on display by third- and fourth-grade students from Southside Elementary School. Built in 1991 on North Mississippi Medical Center-West Point's campus, West Point Children's Clinic recently expanded from nine to 16 examination rooms and grew by 1,537 square feet. Appointments with Drs. Keith Watson and Mark Wilson and nurse practitioners Whitt Foster and Jennifer Rigdon are available by calling (662) 494-1620 or 1-800-THE DESK (1-800-843-3375). Clinic hours are 7 a.m.-5 p.m. Monday-Friday.

## IRB Approves, Renews Studies

The NMHS Institutional Review Board (IRB) currently oversees more than 80 biomedical and behavioral studies. The IRB meets monthly and the following studies were approved and renewed at the September meeting.

### New Study:

**Study:** *BIO-LIBRA – Analysis of Both Sex and Device Specific Factors on Outcomes in Patients with Non-Ischemic Cardiomyopathy*

**Investigators:** Karthik Prasad, M.D. (PI); Karl Crossen, M.D.; Jim Stone, M.D.; Chris Bell, ACNP; Lee Ferguson, ACNP; Wanda Ikeda, DNP; Katie McDuffie, FNP

**Summary:** The purpose of this study is to determine if there are differences in males and females and to also determine if there are differences in the outcome between ICD and CRT-D devices.

### Study Renewal:

**Study:** *HEART FID – A Randomized, Double-blind, Placebo-controlled Study to Investigate the Efficacy and Safety of Injectafer® (Ferric*

## *Carboxymaltose) as Treatment for Heart Failure with Iron Deficiency (IVIT15043)*

**Investigators:** Barry Bertolet, M.D. (PI); Cardiology Associates

**Summary:** The purpose of this study is to determine if Injectafer® will work to reduce death and hospitalizations associated with heart failure and improve daily function when administered to treat heart failure with iron deficiency and reduced ejection fraction. Enrollment is open.



West Point Children's Clinic grand re-opening and ribbon cutting.



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## Continuing Medical Education

*The CME Program is based in the NMMC Education Department and works to provide quality educational programming that will meet general as well as specific professional needs. Please call (662) 377-3826 or the Consult Line at 1-800-952-8101 if you have CME comments and/or suggestions. Select CME programs are by invitation only and are also subject to change.*

**Please RSVP upon receipt of invitation.** Visit [www.nmhs.net/cme](http://www.nmhs.net/cme) for more information.

**October 25**

### **2019 Endocrine Conference**

7:30 a.m.

NMMC North Education Center

**November 8**

### **Neuro/Radiology Case Studies**

Noon-1 p.m.

NMMC North Education Center Room 7/8

**November 20-21**

### **ACLS 2-Day Provider Course**

8 a.m.

NMMC North Education Center

Call (662) 377-3448 for more information or to register.

**December 13**

### **Neuro/Radiology Case Studies**

Noon-1 p.m.

NMMC North Education Center Room 7/8