

Air Currents

Issue 3 2011

New 5-story Bed Expansion Adds to Miami Valley Hospital South Campus

By Marcia Roemer, RN, EMT-P



Current MVHS services include:

- Full-service, 24-hour Emergency Department
- Patient Care Unit: inpatient beds
- Complete diagnostics and testing
- 60,000-square-foot Medical Office Building with offices for MVH physicians and other medical professionals
- Sports Medicine Center
- High Risk Breast Cancer Center
- Premier Heartworks
- Hyperbaric Oxygen Therapy Center
- Advanced treatment area
- Surgery Center

Miami Valley Hospital South (MVHS), located in Centerville off of I-675 near the intersection of Wilmington Pike and Clio Road, is now at the halfway point in the construction of their new 5-story expansion project which broke ground last November.

MVHS serves the residents of Centerville, Washington Township, Kettering, Bellbrook and Sugar creek Township, as well as other communities in Montgomery, Greene, Warren and Clinton counties. The hospital opened its doors in October, 2007 as an outpatient facility,

and added a 10-bed “short-stay” inpatient unit in 2010.

The \$64.2 million addition on the 100-acre campus will add 200,000 square feet of new space to the existing hospital, and is being constructed on the south side of the building. Three floors will initially be occupied with two, 24-bed units designated for orthopedic and medical-surgical care, while a third floor will accommodate 16 beds for

obstetrical care. The two remaining floors will house shell space which will provide 48 additional inpatient rooms in the future.

Construction is expected to be completed in March 2012.





Outreach Update

CareFlight in the Community

CareFlight Air and Mobile Services has been quite active throughout our service area in 2011.



- Involved in over 50 public safety events
- Participated in three mass casualty drills, including night operations of the OPOTA Tactical Medic Course held in London, Ohio
- Provided medical standby for six events, including air medical standby for the United States Air Force Thunderbirds performances at the Dayton Air Show this past July
- Provided air and ground escort for the passage of one of the steel beams from the World Trade Center through Dayton to Indiana
- Presented more than 60 medical lectures and Mobile Education Labs

Trauma Assessment Mobile Education Days

October 10, 2011 at Reid Hospital, Richmond, Indiana, Miami Valley Hospital Level I Trauma Center and CareFlight Air and Mobile Services will present this comprehensive learning opportunity for EMS and nursing care providers. Dr. Andrew Hawk, medical director for CareFlight Air and Mobile Services will present a lecture on “Trauma Assessment.” Additional presentations include: Advanced airway management, advanced chest trauma management, pelvic splinting/ immobilization.

November 12, 2011 at Wapakoneta Fire-EMS:

This break out session format is designed to provide pre-hospital care providers an opportunity to enhance their assessment skills and overall management of the sick and injured.

Annual Fire and EMS Chief’s Dinner

The twenty-fourth annual CareFlight Conference will be held at Miami Valley Hospital on October 26, 2011. Information on radio communications updates and scene transport decisions will be presented.

“On the Road”

The “On the Road” to Greene County educational conference was held on Saturday, August 20, 2011 at Antioch University Midwest in Yellow Springs. Educational topics included: Stroke Update: Current Trends and Practice, Farm Trauma, Wound Identification, Aircraft Safety Session, ER Management of Patients After Use of Bath Salts, and Trauma Assessment.

CareFlight’s next “On the Road” program will be hosted in Preble County by Camden-Somers Fire and Rescue on November 19, 2011, and will be held at Camden Somers High School.

Current presentations scheduled include “Medical Aspects of Fire Ground Rehabilitation” by Dr. Mark Gebhart – Emergency Medicine at Atrium Medical Center, and “Trauma Assessment” by Dr. Andrew Hawk – Emergency Medicine at Miami Valley Hospital’s Level I Trauma Center and Medical Director of CareFlight Air and Mobile Services.

Save the Date!

February 25, 2012, “On the Road” to Auglaize County, hosted by New Bremen Fire Department.

Additional information about “On the Road to Preble County” and future programs can be obtained by calling Mary Lou Kyne, CareFlight Outreach Performance Improvement Manager at **(937) 208-4399, mlkyne@mvh.org** or go to **mvh.org/careflight**.

Drive Smart Programs

Another successful Drive Smart season was conducted this year for 25 high schools within the Ohio and Indiana service areas.

Coordinated by CareFlight Air and Mobile Services and Miami Valley Hospital’s Trauma Program, these programs are conducted yearly during the spring

Safety Snip-It

By Linda Sestina-Irvin, CCT-P

Preparing a Patient for Transport

Loose items such as hats, sheets, blankets, and paper items need to be secured. All loose articles of clothing should be removed before approaching the aircraft. Paper can be placed in an envelope and secured by handing to a member of the crew to stow in a safe area. Any loose item is considered foreign object debris and commonly referred to as (FOD).

Loose items can pose a hazard to any moving parts of the aircraft, specifically the rotor system. Attention to this request will assist in preventing damage to the aircraft, harm to the crews and or patient or potential delay in transport.



in an effort to help increase student awareness of the potential serious consequences of driving irresponsibly.

Area fire, EMS and police agencies, as well as the Ohio State Highway Patrol volunteer their time and effort to present a realistic portrayal of a serious motor vehicle crash, its physical impact and emotional turmoil on the victim(s), as well as the potential civil consequences involved in the aftermath.

Additional information about the Drive Smart program can be obtained by calling Mary Lou Kyne, CareFlight Outreach Performance Improvement Manager at **(937) 208-4399**. Programs for 2012 can now be scheduled by contacting Dennis Broering, Master Scheduler, at **(937) 208-2037**.

Landing Zone Safety Training

During 2011 CareFlight has provided over 50 Landing Zone Safety trainings to area Fire and EMS departments. We encourage all area agencies interested in this lecture and hands-on training to call for information and to schedule your training with Dennis Broering, Master Scheduler, at **(937) 208-2037**.

For information regarding any of these events and for future scheduling, please contact Mary Lou Kyne, RN, Outreach Performance Improvement Manager at (937) 208-4399.



Mary Lou Kyne, RN

The “Golden Hour” – Debunked!

By Andrew C. Hawk, MD, Medical Director, CareFlight

“There is no such thing as the ‘Golden Hour’ in trauma – some people have a golden 10 minutes and some people have a golden day.” This quote is from Dr. Michael Abernathy, a flight physician from the University of Wisconsin. And he is exactly correct.

Back in the early 1960’s, the concept of the “Golden Hour” arose from Dr. R. Adams Cowley, a famous trauma surgeon. He was spearheading the start-up of something new: the Shock Trauma Center in Baltimore. As the story goes, he wrote to the Governor of Maryland and told him that trauma patient survival is enhanced if significantly injured patients get to a trauma center within 60 minutes.

This concept snowballed – to the modern day, where the “Golden Hour” is taught in trauma classes, quoted in newspapers, and talked about on the evening news. What’s more, some have

even expanded it to medical conditions like heart attacks and strokes.

Unfortunately, the theory of “60 minute or less” for the trauma patient to have a chance at survival has never been proven. On the flip side, one study published in 2010 found no significant association between time and mortality for the trauma patient transported to a trauma center.

What does this all mean? Time from injury to arrival time at the trauma center isn’t important? No, far from it. It just means that that there is nothing magical about 60 minutes and trauma survival. In my opinion, time-efficient transport to a trauma center for the significantly injured patient remains a cornerstone of trauma care. And go back to what Dr. Abernathy said – time may be very important!



Andrew C. Hawk, MD

The Region's Leader

New Employees

Anna Knisley-Houser, RN

Anna transferred from the department of surgical services at Miami Valley Hospital to join our team as a part time flight nurse. Welcome to Anna, who when not studying the book of work related protocols, will be attending soccer games, church, and playing X-Box.

Jamie Scherzinger, EMT-P

Welcome to Jamie who joined our department as a Mobile Intensive Care Unit paramedic. Jamie works in the EMS systems within the greater Cincinnati area and recently worked as a hospital emergency department patient care technician. When not on the job, you can find Jamie enjoying his family, traveling, and riding his motorcycle.



Anna Knisley-Houser, RN



Jamie Scherzinger, EMT-P



Tim Troxell, RN, EMT-P

Tim Troxell, RN, EMT-P

Tim is from Union City Indiana where he previously worked in the fire and EMS system and as an emergency department nurse. Tim has been married for 32 years and enjoys spending time with his family. Welcome to Tim who will work as a full time flight nurse.

Miami Valley Hospital Mission
We will build healthier communities with others who share our commitment to provide high-quality, cost-effective health care services.

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