



Emergency care at UMHS



In the air and in our hospitals: excellence in care, research & training

The UMHS Adult and Pediatric Emergency Departments and Survival Flight air medical service provide life-saving care and create the future of emergency medicine through research and training. Here are some key facts:

Emergency Care and Research:

- The number of Emergency Department visits at U-M increases every year and is up 15% since 2004, meaning 10,000 more people came to our ED in fiscal 2012 than fiscal 2004.
- In all, more than 85,000 patients sought emergency care at U-M last year.
- We are a national leader in emergency medicine research, with \$7.3 million in FY2011 in National Institutes of Health grants to fund research studies. That's the second highest total in the nation.
- We train dozens of new emergency physicians each year at our own Emergency Departments and at St. Joseph Mercy Hospital (Ann Arbor) and Hurley Hospital (Flint) as well as the Ghana College of Physicians and Surgeons in Africa. We are one of only 58 training sites in the U.S. for new children's emergency medicine specialists. We also train specialized ED nurses.
- In late 2011, we completed a \$17.7 million renovation of our adult and psychiatric Emergency Department. The greatly enlarged facility in University Hospital enhances adult emergency care.
- In December 2011, our dedicated pediatric emergency department moved from University Hospital to the new C.S. Mott Children's Hospital facility, giving us more room and improved facilities to treat about 20,000 children a year.

Survival Flight:

- Survival Flight flew more than 1,200 missions in FY2012, its 29th year of operation.
- Missions include helicopter and jet flights carrying patients or organs for transplant.
- The three new American Eurocopter helicopters are the first EC155s to be put into emergency medical service in the U.S. They replace three Bell 430 helicopters that have flown nearly 10,000 missions since 1998.
- The new helicopters have advanced avionics and safety features, with nearly 50 percent more cabin space for nurses and patients, a 500-mile range, a much shorter warm-up time, faster cruising speed (up to 164 MPH) and an all-glass cockpit.
- The Survival Flight team includes 21 U-M flight nurses and 10 U-M communications specialists, plus 11 pilots & 6 mechanics from U-M's aviation partner, Pentastar Aviation, based in Waterford, MI.
- Twin helipads in front of University Hospital connect to the Emergency Department through a tunnel, while a helistop on the roof of the new Mott Children's and Von Voigtlander Women's Hospital provides rapid access for infants, kids, teens and pregnant women.
- Survival Flight helicopters have a hangar for maintenance at the Ann Arbor Airport. A helicopter and crew are based at the Livingston County Airport 24/7, and in 2013 will have a new hangar there.
- Survival Flight also flies medical missions throughout North America in a Cessna Citation Encore jet that was put into service in fall 2009 and is based at Oakland County International Airport.