



Kentucky Hospital Research & Education Foundation Emergency Preparedness Update for July 24, 2018

Fayette Mall food court closed after 150 get sick

(WKYT) - The Lexington-Fayette County Health Department says it has received more reports of illnesses stemming from the Fayette Mall food court.

Fayette Mall announced it is closing the food court as a result of the reported illnesses out of an abundance of caution. The health department recommended it closed.

The health department says more than 150 reports of illnesses are known at this time, but it is unsure what the actual cause of the illness is. Officials believe it is related to a stomach bug because of the symptoms.

Read more: <http://www.wkyt.com/content/news/Fayette-Mall-Chick-fil-A-remains-closed-as-health-department-receives-more-illness-reports-488901011.html>

KY Trauma Centers focus of study on Plasma-Based Trauma Infusion Protocols

(JTN) Early initiation of a high ratio massive transfusion can lower trauma patient mortality by 80%. Long transport times from rural Level IV trauma centers therefore require that damage control resuscitation begin before patient transfer. This study evaluates the current use of fresh frozen plasma (FFP) at Level IV trauma centers and the feasibility of implementing trauma transfusion protocols at these centers.

The study concluded that it is feasible to establish MTPs at rural Level IV trauma centers without delaying transport and therefore the authors recommend future investigations into development and systematic implementation of MTPs at Level IV trauma centers to reduce hemorrhage-associated mortality.

Full abstract and article link:

https://journals.lww.com/journaloftraumanursing/Abstract/2018/07000/Use_of_Plasma_Based_Trauma_Transfusion_Protocols.2.aspx

'This was preventable': football heat deaths and rising temperatures

(Insider Louisville) Ten years later, Michele Crockett still feels the pain of losing her 15-year-old son, Max Gilpin, to heat stroke after he collapsed on a Louisville football field during practice.

"What our family went through was horrific," said Crockett, a retired school teacher who now advocates for football safety through the Max Gilpin Beat the Heat Fund. "He struggled for three days in the hospital. We watched all that. We watched as his organs shut down. I never saw him regain consciousness again."

"This was preventable," she said.

Max's death prompted officials in Kentucky to make heat awareness training mandatory for all coaches and players. When Max fell ill on the practice field, Crockett said, there was no cooling tub on the sidelines — a first-aid measure that experts say can save lives, though many states still don't mandate them. Kentucky is now one of a few states to require cooling tubs with ice and water during practices in hot weather as a safety precaution.

Heat stroke can occur in all states. But researchers studying student-athletes especially football players during summer workouts, see more of it in the East, and particularly the Southeast, where sweltering temperatures, high humidity and intense sunshine make for a trifecta of deadly risk, and where high school football is very popular. These weather conditions are only getting worse as the climate changes, bringing more heat and humidity.

St. X High School sued over runner's heat stroke

(WDRB) – A recent graduate of St. Xavier High School has filed a lawsuit alleging he suffered heat stroke and was hospitalized last summer after the school did not adequately monitor cross-country runners during a practice session.

Cooper Marchal claims St. X “failed to take adequate measures and precautions to mitigate against, prevent, warn of, and identify heat-related injuries and illnesses,” according to the suit filed Thursday in Jefferson Circuit Court. In particular, Marchal accuses the school of negligence and violating the “letter and spirit” of the Kentucky High School Athletic Association’s 2002 policy meant to keep athletes safe during hot weather. No coaches are named as defendants, but the lawsuit says St. X coaches were “negligent in discharging their duties of care.”

Marchal claims that between 9:30 a.m. and 10 a.m. on July 22, 2017, he had a heat stroke during a 12-mile practice run under St. X supervision at Iroquois Park and was later hospitalized and placed in a medically-induced coma.

Radioactive Particles Found in California Wine

(Newser) – Researchers say remnants of Japan's Fukushima nuclear reactor meltdown have been detected in California wine. Per [CNN](#), bottles of rosé and Cabernet sauvignon were tested for the radioactive isotope cesium-137, a byproduct of the fission of uranium-235, one of the substances in fuel rods used at the plant when it suffered catastrophic equipment failures following a March 2011 earthquake and tsunami. While the news sounds jarring, and highlights the globe-spanning impacts of Fukushima and other nuclear disasters, experts say wine-lovers shouldn't be overly worried

Full article: <http://www.newser.com/story/26231/remnants-of-fukushima-fallout-found-in-us-wine.html>

McDonald's salads tainted with poop have now infected

163 people in 10 states - including KY

<https://news360.com/article/463356724>

Tenn. boy still alive after hospitals says he died

(WVLT) Enrique Orejuela told Gray TV affiliate WVLT on Monday morning that his son, Elijah "Eli" Orejuela, was still on life support despite reports from Children's Hospital that the boy died Sunday afternoon. Eli and his twin sister Elyssa were taken to East Tennessee Children's Hospital Friday morning after they were pulled from their babysitter's pool in West Knoxville.

The babysitter, Jennifer Salley, had operated an in-home daycare called "OM Baby" out of the residence since 2015, according to the Tennessee County Clerk's Office. In May, the Department of Human Services served Salley with an order to ["cease conducting a child care center inside of her home."](#)

At the time of the drownings, Salley's own two children were in the custody of family members. Why she didn't have custody of her children is unknown at this time.

Following the incident at Salley's pool, the Knox County Sheriff's Office said the first twin, Elyssa, died Friday night. Sunday afternoon, a spokesperson for East Tennessee Children's Hospital told WVLT News that Eli had passed away. The Knox County Sheriff's Office also reported on its Facebook page that the toddler died Sunday afternoon.

Late Sunday night, the twin's father told WVLT News that information was not correct. It's unclear where the discrepancy came from. Orejuela suggested there may have been a miscommunication after, "There was a scare at one point."

Read more: <http://www.wkyt.com/content/news/488910771.html>

FDA Approves New Drug for Treatment of Malaria

(ABC) A new drug to treat malaria could help millions. The Food and Drug Administration has approved the drug Krintafel (tafenoquine) for the treatment of malaria following a Priority Review this past Friday.

The drug, developed by GSK Pharmaceuticals and Medicines for Malaria Venture, is a single dose medication designed for people who've had malaria before. It prevents the relapse of malaria caused by Plasmodium vivax (P.vivax).

Full story: <https://abcnews.go.com/US/fda-approves-drug-treatment-malaria/story?id=56768295>

DRC declares end to Ebola outbreak

(CIDRAP) The Democratic Republic of the Congo (DRC) health minister today declared the end of the country's ninth Ebola outbreak, coming just 11 weeks after health officials sounded the alarm in early May.

Ebola outbreaks are typically declared over when two incubation periods have passed after the last patient is released from treatment with no new confirmed cases. Over the course of the outbreak, the DRC recorded 54 cases, 33 of them fatal. Of the 54 cases, 38 were lab-confirmed and 16 were classified as probable.

Full article: <http://www.cidrap.umn.edu/news-perspective/2018/07/drc-declares-end-ebola-outbreak>

John Hopkins: Health Security Headlines **Extract from [July 24, 2018](#)**

[For the First Time, a Female Ebola Survivor Infects Others](#) (*New York Times*) For the first time, scientists have found evidence that a woman can harbor the Ebola virus for more than a year and then infect others. The discovery involved transmission within a Liberian family in the closing days of the West African epidemic that lasted from December 2014 to mid-2016. More than 28,600 people were infected and 11,325 died. [Go to article](#)

[National Survey of Pharmacy-based Immunization Services](#) (*Vaccine*) Pharmacists in the US are authorized to administer vaccines. This study described: how and to what extent immunization services are offered, promoted, and documented in community pharmacies; reasons for referral to other locations for vaccination; and perceived barriers to immunization services. [Go to article](#)

[Pepperidge Farm Goldfish Crackers Recalled: Potential for Salmonella](#) (*Outbreak News Today*) Pepperidge Farm has joined a number of other food companies and initiated a recall of product(s) due to whey powder used that may be contaminated with Salmonella. According to a notice yesterday, Pepperidge Farm initiated an investigation and, out of an abundance of caution, is voluntarily recalling four varieties of Goldfish crackers. [Go to article](#)

[National Disaster Safety Board--Objective Measures, Improved Outcomes](#) (*Health Affairs*) Over the past 50 years, the US has seen a dramatic reduction in transportation-related mass casualty incidents. Annual air transportation fatalities have decreased from 44 per 100 million miles flown in 1960 to 0 per 100 million miles flown in 2015. Since 2010, there have been only 11 deaths on US air carriers. This remarkable achievement is due in large part to the work of the National Transportation Safety Board. [Go to article](#)

[Chinese Leaders Order Probe over Vaccine Scandal](#) (*Washington Post*) Chinese leaders are scrambling to shore up public confidence and oversight of the pharmaceutical industry after a rabies vaccine maker was found faking records, the latest in a slew of public health and safety scandals that have outraged Chinese parents. [Go to article](#)

Smartphones are killing teenagers' memories, study says

(Fox) A new study suggests that radiation from smartphones is negatively impacting teenagers' memories, leaving them with short-term memory loss

Read more: <http://www.foxnews.com/tech/2018/07/23/smartphones-are-killing-teenagers-memories-study-says.html>

What is 5G and what will it mean for you?

(BBC) Superfast "fifth generation 5G" mobile internet could be launched as early as next year in some countries, promising download speeds 10 to 20 times faster than we have now. But what difference will it really make to our lives? Will we need new phones? And will it solve the "notspot" issue for people in remote areas?

Technology of Business tackles the basic questions.

- What is 5G exactly?
- What will it enable us to do?
- How does it work?
- Is it very different to 4G?
- So how fast could it be?
- Why do we need it?
- When is it coming?
- Will I need a new phone?
- Will it mean the end of fixed line services?
- Will it work in rural areas?

Find the answers: <https://www.bbc.co.uk/news/business-44871448>

**Ohio Patrol, KY & 4 Other States' Police
Focus On Move Over Law**

(WLEX & AP) - Ohio's State Highway Patrol and state police in five other states are focusing on enforcement of the **Move Over** law.

The law requires drivers approaching any vehicles with flashing or rotating lights that are parked on the roadside to move over to an adjacent lane. Motorists should slow down and proceed with caution if moving over isn't possible due to traffic or weather conditions or lack of a second lane.

The safety effort began Sunday will end at 11:59 a.m. July 28.

Full AP story: <http://www.lex18.com/story/38706614/ohio-patrol-5-other-states-police-focus-on-move-over-law>

----- **News Quickies** -----

Rising Temperatures Linked to Increased Suicide Rates, Study Says

<https://news360.com/article/463380765>

The myth of the sunscreen pill

<https://news360.com/article/463040485>

Lyme Disease Vaccine Candidate Advances Through Phase 1 Trials

<http://www.healthmap.org/site/diseasedaily/article/lyme-disease-vaccine-candidate-vla15-advances-through-phase-1-trials-71618>

Backyard flocks sicken people in 44 states

<https://www.cbsnews.com/news/cdc-warns-backyard-flocks-sicken-people-in-44-states/>

New 3-D scanners could revolutionize baggage check process

<https://www.cbsnews.com/news/new-3-d-scanners-could-ease-hassle-of-air-travelers/>

The KHREF Emergency Preparedness Update is assembled several times a week. When events make it necessary, the Update may be sent out several times a day to keep our hospital and the healthcare community advised on preparedness news and information. Most of this information is compiled from open sources, and where possible reference links will be provided. There is an archive of [Emergency Preparedness Updates available here](#). If you would like to add or delete, or have something you would like to contribute to a future edition of the Emergency Preparedness Update, please contact rbartlett@kyha.com (include your current email address). The preparedness program for the Kentucky Hospital Association (KHA) and KHREF are supported by US DHHS ASPR HPP funds through a contract with Kentucky Public Health.