



Kentucky Hospital Research & Education Foundation Emergency Preparedness Update for May 9, 2018

[National Hospital Week](#) and [National Nurses Week](#)

Surgeon General Advisory on Naloxone and Opioid Overdose

(CDC) For the first time in over a decade, the U.S. Surgeon General Jerome M. Adams, MD, MPH, has issued a public health advisory in response to the alarming escalation of opioid overdose deaths across the country. Despite evidence of the effectiveness of naloxone in reducing opioid overdose deaths, awareness of the drug's benefits and its possession and use among patients, prescribers, community bystanders, and even first responders in some areas remains limited. To fill this gap and to leverage naloxone provided in the community to deal with the ongoing national opioid emergency, the April 5, 2018, [Surgeon General's Advisory on Naloxone and Opioid Overdose](#) explains the importance of knowing how to use and keeping within reach this potentially life-saving medication.

Recognizing the established clinical benefits of naloxone, the [Substance Abuse and Mental Health Services Administration's Opioid Overdose Prevention Toolkit](#) lists naloxone administration as among the 5 essential steps for first responders to individuals who have opioid overdoses. Furthermore, CDC [recommends](#) that health care practitioners consider offering naloxone to patients receiving high-dose prescription opioids for chronic pain or when other factors are present such as history of overdose, history of substance use disorder, and concurrent benzodiazepine use.

Be Prepared. Get Naloxone. Save a Life.

CDC Link: <https://content.govdelivery.com/accounts/USCDC/bulletins/1e7828c>

New from ASPR TRACIE! EMTALA and Disasters (Updated)

[This fact sheet](#) addresses several frequently asked questions regarding the Emergency Medical Treatment and Labor Act (EMTALA) and disasters and provides links to resources for more information. Updated information includes additional actions that can be taken to address patient surge without an EMTALA waiver. Note: this document is not intended to be used as regulatory guidance or in place of communications with or guidance from the Centers for Medicare & Medicaid Services (CMS) who oversee EMTALA compliance.

Louisville #2 on list of Worst cities for spring allergies in 2018

See the list: <https://www.cbsnews.com/pictures/worst-places-to-have-spring-allergies-2018-aafa/>

FDA declares EpiPen shortage across much of country

(CBS) The Food and Drug Administration has declared a [shortage](#) of EpiPen and EpiPen Jr. across major swaths of the country.

The FDA said several factors were responsible for the injectors' "limited availability," including manufacturing issues and "pharmacy-level supply disruptions." States affected so far include California, New York, New Jersey, Texas, Ohio, Georgia and Maine.

Pfizer, whose subsidiary manufactures the EpiPen, said in a statement that "[t]he constrained supply of EpiPen is due to supply of certain third-party components, along with process changes implemented which have temporarily limited capacity at our manufacturing facility."

Mylan, the distributor, asks that patients who have trouble getting EpiPens get in touch with the company's customer service hotline for help finding pharmacies that have the devices in stock.

Read more: <https://www.cbsnews.com/news/epipen-shortage-2018-05-09-fda/>

The rising cost of insulin: "Horror stories every day"

(CBS) After years of rising prices, insulin costs in the U.S. are creating painful choices for diabetics and their families.

The problem is drawing the attention of lawmakers, with the Senate Committee on Aging examining insulin prices a hearing on Tuesday. One father testified that his 13-year-old son's insulin jumped from \$300 for a 90-day supply in 2017 to more than \$900 in early 2018.

But no generic version of the drug exists, and three manufacturers -- Eli Lilly, Sanofi and Novo Nordisk -- control 99 percent of the market. Adding to the complication is the tangled relationship between insurance companies, pharmacy benefit managers and drugmakers.

Read more: <https://www.cbsnews.com/news/the-rising-cost-of-insulin-horror-stories-every-day/>

Nurse linked to hepatitis C scare loses state license

(CBS) A [nurse arrested in connection with a possible outbreak of hepatitis C](#) at a Washington hospital says she didn't use drugs and is not a carrier of hepatitis C. The News Tribune reports [Cora Weberg, who was arrested last week](#) and released from the Pierce County jail Monday, has not been charged, but her nursing license was suspended by the state.

At least two patients at the hospital were infected with the disease, and officials say they believe the nurse was taking a portion of patients' narcotics for her own use and then injecting those patients with the same needle.

State records say Weberg, a nurse at Puyallup's Good Samaritan Hospital, admitted to investigators that she "diverted injectable fentanyl and hydromorphone from the hospital for her personal use."

The hospital is now testing 2,600 former patients who received injections of narcotics, antihistamines or sedatives while Weberg was on duty between August 4, 2017, and March 23, 2018.

Read full story: <https://www.cbsnews.com/news/washington-nurse-linked-to-hepatitis-c-scare-loses-state-license/>

Explosive eruptions, "ballistic rocks" possible from Hawaii volcano

(CBS) The potential for "explosive eruptions" from [Hawaii's Kilauea volcano](#) in the coming weeks is rising, raising the prospect of pebble-sized projectiles being sprayed several miles from the fissures, [according to the United States Geological Survey](#) (USGS). The warning was issued Wednesday as residents in the community of Leilani Estates have been under siege from lava.

The agency tweeted a picture explaining that explosive eruptions can occur when a volcano's magma column drops below the water table and groundwater interacts with hot rock. At that point, steam pressure builds then explodes.

Read more and see illustration: <https://www.cbsnews.com/news/hawaii-kilauea-volcano-explosive-eruptions-ballistic-rocks-ashfall-lava-usgs-warning-today-2018-05-09/>

CDC Webinar of Traveler Safety

May 22, 2018, at 1 PM ET

Learn more & register: <https://content.govdelivery.com/accounts/USCDC/bulletins/1ee1247>

Cold Water Can Kill



It takes water much longer to warm up even as summertime temperatures overcome winter's grip. Exposure to cold water, whether intentional or not, can kill. Recent tragic stories of kayakers and boaters falling into icy waters have sounded the alarm for everyone venturing out onto our nation's waterways to be prepared and use extreme caution.

The National Weather Service has partnered with the [National Safe Boating Council](#) to help promote safe boating practices.

During [Safe Boating Week](#), NWS will disseminate a Public Information Statement and broadcast public service announcements on [NOAA Weather Radio All Hazards](#). Find out what you should do [before you go](#) out in the water and [while you are](#) out. Help us promote safe boating by download and reprinting our [free graphics and logos](#). Think you know enough about [boating under the influence of drugs or alcohol](#)? Check our link and be sure. You will also find links to [marine forecasts, portals](#), [educational material](#) and related resources. If you, or someone you know, have been in a weather-related boating accident, please [share your story](#) so we can prevent others from becoming a victim. When you write, please note that NWS has permission to use your story and, if possible, let us know the town and state you were in and the year the event took place.

[Link to Boating Safety Page: https://www.weather.gov/safety/safeboating](https://www.weather.gov/safety/safeboating)

**Thousands of elderly, disabled face eviction
from Louisiana nursing homes over Medicaid cuts**

Read more: <https://www.cbsnews.com/news/thousands-of-elderly-disabled-face-eviction-from-louisiana-nursing-homes-over-medicaid-cuts/>

California becomes first US state to mandate solar on homes

(BBC) California has become the first US state to mandate solar panels on new homes and apartment buildings built after 1 January, 2020. The California Energy Commission unanimously approved the plan, making it the state's next big step towards ending greenhouse gas emissions. State law already requires that [50% of all electricity comes from non carbon-emitting sources by 2030](#). The mandate still requires approval from the Building Standards Commission.

Full story: <https://www.bbc.com/news/world-us-canada-44059865>

**John Hopkins: Health Security Headlines
Extracts from [May 8, 2018](#) & [May 9, 2018](#)**

[New Ebola Outbreak Declared in Democratic Republic of the Congo](#) (*WHO*) The Government of the Democratic Republic of the Congo declared a new outbreak of Ebola virus disease in Bikoro in Equateur Province today (8 May). The outbreak declaration occurred after laboratory results confirmed two cases of EVD. [Go to article](#)

[Ebola Returns Just as Trump Asks to Rescind Ebola Funds](#) (*The Atlantic*) Ebola is back. The infamous viral disease first made itself known to the world in 1976, in a small village called Yambuku in the Democratic Republic of the Congo. Now, 42 years later, Ebola is causing another outbreak in the DRC-the ninth in the country's history. [Go to article](#)

[Recently Identified Mutations in the Ebola Virus-Makona Genome Do Not Alter Pathogenicity in Animal Models](#) (*Cell Reports*) Ebola virus, isolate Makona, the causative agent of the West African EBOV epidemic, has been the subject of numerous investigations to determine the genetic diversity and its potential implication for virus biology, pathogenicity, and transmissibility. Despite various mutations that have emerged over time through multiple human-to-human transmission chains, their biological relevance remains questionable. [Go to article](#)

[A Stealthy Harvard Startup Wants to Reverse Aging in Dogs, and Humans Could Be Next](#) (*MIT Technology Review*) The world's most influential synthetic biologist is behind a new company that plans to rejuvenate dogs using gene therapy. If it works, he plans to try the same approach in people, and he might be one of the first volunteers. [Go to article](#)

[How Long Would It Take Iran to Build a Nuclear Bomb? It Depends](#) (*New York Times*) No sooner had President Trump declared that he was exiting the nuclear deal with Iran than Hassan Rouhani, the country's president, reassured the world that he remained committed to making the accord work -- even if Mr. Trump did not. [Go to article](#)

[Turning CRISPR from a Gene-editing Hatchet to a 'Word Processor'](#) (*Fierce Biotech*) For all the excitement the gene-editing tool CRISPR-Cas9 has kicked up, there has been just as much concern about unwanted side effects. That's because even though the technology offers the promise of cutting

out disease-causing genes, it can also make unintentional edits to healthy DNA. In an attempt to solve this problem, researchers at Stanford University and the National Institute of Standards and Technology have developed a more precise gene-editing system that they liken to a word processor. [Go to article](#)

Cybersecurity Information

(Florida Hospital Assoc) The Florida Department of Health has this cybersecurity information from the U.S. Department of Homeland Security to hospitals across Florida. Information includes:

- [Cybercrime and the Darknet - The Malware Market](#)
- [Cybercrime and the Darknet - Effects on Cybersecurity Practices](#)
- [Social Media Bots Overview](#)

**EMS EDUCATION WEEK
AND RESCUE TASK FORCE TRAINING**

PRESENTED BY
MARION COUNTY EMS, AIR METHODS,
KENTUCKY TACTICAL EMS ASSOCIATION, INC & AIR EVAC LIFETEAM

PARAMEDIC AND EMT EDUCATION: MAY 15TH, 16TH & 17TH // 8:00 AM - 6:00 PM
RESCUE TASK FORCE TRAINING: MAY 18TH & 19TH: 8:00 AM - 5:00 PM

THE CLASS WILL TAKE PLACE AT THE MARION COUNTY COURTHOUSE AT (223 NORTH SPALDING AVE LEBANON KY) EVERYDAY EXCEPT FOR TUESDAY, MAY THE 15TH, WHEN IT WILL BE HOSTED AT THE MARION COUNTY JAIL TRAINING ROOM AT 201 WAREHOUSE RD LEBANON KY

HOURS OBTAINED IN THIS CLASS WILL COUNT TOWARDS THE STATES CRITERIA OF A PARAMEDIC LICENSE RENEWAL

PRESENTATIONS FROM:

KENTUCKY TACTICAL EMS
KENTUCKY REPTILE ZOO
NORTON CHILDREN'S HOSPITAL
NORTON HEALTHCARE
UNIVERSITY OF KENTUCKY HOSPITAL
UNIVERSITY OF LOUISVILLE HOSPITAL

FOR MORE INFO:

Adam Nelson // Marion County EMS // 502.551.6820
Robbie Turner // Marion County EMS // 270.402.5940

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 [CLICK HERE](#) (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.