



## Kentucky Hospital Research & Education Foundation Emergency Preparedness Update for May 27, 2019 *Memorial Day*

### A Nat Geographic mini-series starts tonight 'Inspired' by 1989 US Ebola Crisis *How Accurate Is It?*

(NPR) *The Hot Zone*, a six-part National Geographic miniseries that premieres Monday night, is based on a true story about Ebola. In 1989, a shipment of monkeys from the Philippines arrived at a private commercial lab in Reston, Va. The intention was to use the macaques for testing. Only many of them died. The lab wrapped infected monkey cells in aluminum foil and shipped them in a box to the [U.S. Army Medical Research Institute of Infectious Diseases](#) (USAMRIID), in Frederick, Md. The eventual finding: The monkeys had Ebola

National Geographic is hedging about accuracy — it says the series was "inspired" by the 1989 events. And they are airing a documentary on Wednesday at 11 p.m. about the virus: "Going Viral."

Experts say the series "may be entertaining for the general public, but it is quite flawed in terms of any historical accuracy and there are numerous scientific flaws."

Learn more: <https://www.npr.org/sections/goatsandsoda/2019/05/27/726519660/a-natgeo-tv-drama-is-inspired-by-a-1989-ebola-crisis-in-the-u-s-how-accurate-is->

### ----- Deadly errors, infections:

#### When hospital ratings don't align what should patients believe?

(USA Today) A hospital that gets a five-star or "A" rating in one scoring system may get a poor grade in another, a USA TODAY analysis finds, which could confuse patients seeking the best care.

Some hospitals that got mediocre or worse grades in the non-profit [Leapfrog Group's hospital safety ratings](#) last week scored better in federal hospital star ratings —and the reverse was often true.

Differences can be attributed to the measures they use. Centers for Medicare and Medicaid Services [federal star ratings in Hospital Compare](#) include a wide variety of safety and quality measures. Leapfrog focuses on preventable safety issues, such as infections, medical mistakes like sponges or tools left in bodies and complications such as collapsed lungs.

[U.S. News & World Report's hospital ratings](#) also have little overlap with CMS, according to an analysis for USA TODAY. Ben Harder, U.S. News' chief of health care analytics, cross-referenced his ratings against CMS and found less than one fifth — only 101 of the 520 "best regional hospitals" — were among those that got five stars from CMS.

Read more: <https://www.usatoday.com/story/news/health/2019/05/24/patient-safety-best-hospital-compare-leapfrog-ratings-infections/3759982002/>

### ----- Experts Have a Warning For Kentucky's Youth About Vaping Dangers

The number of young people in Kentucky using electronic cigarettes — vaping — is increasing, but health experts offered solutions as part of WFPL's In Conversation Friday.

Host Rick Howlett discussed the popularity and health consequences of using electronic cigarettes with guests:

- Foundation for a Healthy Kentucky President Ben Chandler
- University of Louisville Professor of Medicine Dr. Daniel Conklin

Conklin said many young people don't know how e-cigarettes affect their health. According to a study cited by the Foundation for a Healthy Kentucky, the number of youth vaping in Kentucky doubled from 2016 to 2018 among 6th, 8th, 10th and 12th graders who were surveyed.

“The manufacturer of these things [e-liquids and e-juices] is completely unregulated,” Conklin said. “*Juul makes a very small pod about the size of your thumbnail that contains the equivalent nicotine of 20 cigarettes.*”

Listen to the podcast or read more: <https://wfpl.org/experts-have-a-warning-for-kentuckys-youth-about-vaping-dangers/>

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**Women in cardiac arrest less likely than men to get help from bystanders**

(Reuters) Women who suffer cardiac arrest outside of a hospital are less likely to receive help from bystanders and have less chance of survival than men, a recent Dutch study showed.

The results align with what a separate study found in the United States last year: men had an increased likelihood of receiving bystander support and greater chances of survival than women. All were treated by the local emergency medical services (EMS) - but before EMS arrived on the scene, only about 68 percent of women had received resuscitation attempts by bystanders, compared to about 73 percent of men.

“This points to some commonality here that is happening in multiple countries. It would be very interesting to see if that’s the same worldwide,” Dr. Lorrel Brown Toft of the University of Louisville, School of Medicine in Kentucky (who was not involved in the study), told Reuters Health by phone.

Tan’s team found that despite EMS attempts at resuscitation, only 12.5 percent of women survived and were discharged from the hospital, compared to about 20 percent of men.

Full report: <https://www.reuters.com/article/us-health-cardiac-arrest-women/women-in-cardiac-arrest-less-likely-than-men-to-get-help-from-bystanders-idUSKCN1SU2CJ>

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**Health officials considered no-fly list to prevent measles transmission**

(CNN - State and local health officials have consulted with the US Centers for Disease Control and Prevention in recent months about the possibility of preventing individuals from flying to prevent measles transmission. This year, there have been such discussions about eight individuals in five states, as first reported by [the Washington Post](#) on Thursday.

The "do not board" list is a tool the federal government can use to prevent an infectious person from flying while sick, explained Dr. Martin Cetron, director of the CDC's Division of Global Migration and Quarantine.

This measure has been used since 2007 for patients who have tuberculosis and in 2014 was used twice for measles.

Full story: <https://www.cnn.com/2019/05/23/health/measles-do-not-fly-list/index.html>

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**Some summer camps turning away unvaccinated kids amid measles outbreak**

<https://news360.com/article/497557135>

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**10 things that could potentially kill you on your next camping trip and how to protect yourself**

- When going hiking or taking a [camping trip](#), it’s important to be careful and to be aware of the potential dangers and hazards you may face.
- Fortunately, [your chance of dying in a national park](#), at least those in the US, is quite low. That being said, many things that cause fatalities during camping trips and hikes are probably not what you'd expect.
- Staying hydrated to avoid heat-related illnesses and storing your grill outside of your tent to prevent potential carbon-monoxide poisoning is important.
- Drowning is the [leading cause of death](#) for those who visit US national parks, so be careful when swimming or standing near bodies of water and keep an eye on children and those who are not strong swimmers.

Get the details: <https://www.businessinsider.com/things-to-watch-out-for-when-camping-2019-5>

***Snakebites: The hidden health crisis that kills 200 people a day***  
<https://www.cnn.com/2019/05/23/health/snakebite-hidden-health-crisis-who-intl/index.html>

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**Open Communication Helps Teens Manage Type 1 Diabetes**

(HealthDay News) -- It's a simple concept, but new research reinforces the idea: [Teens](#) with [type 1 diabetes](#) benefit when they feel their concerns have been heard. Teens with [type 1 diabetes](#) may experience anger, frustration and [anxiety](#) if they haven't met their treatment goals. Their parents and health care providers may also feel frustrated and may blame the teen. But the new study suggests that interventions designed to improve [diabetes](#)-related care and communication could improve a teen's [diabetes](#) self-management.

Learn more: <https://www.medicinenet.com/script/main/art.asp?articlekey=221286>

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**Chernobyl vs. Fukushima: *Which Nuclear Meltdown Was the Bigger Disaster?***  
<https://news360.com/article/497499122>

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**Infant Pain Heightened After Opioid Exposure in Womb**

(HealthDay News) -- Newborns who were exposed to opioids in the womb have stronger-than-normal reactions to [pain](#) and may require special care sooner than previously thought, researchers report. Opioids include prescription [pain](#) medications and illegal [drugs](#) such as [heroin](#).

Read more: <https://www.medicinenet.com/script/main/art.asp?articlekey=221280>

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**Flour sold at ALDI recalled after 17 people in 8 states get sick**

(CNN) The discount supermarket chain Aldi recalled 5-pound bags of its Baker's Corner All-Purpose Flour on Thursday because they may be contaminated with E. coli. Seventeen people have been reported being sick in eight states, according to the [Centers for Disease Control and Prevention](#). Three of those people have been hospitalized.

People interviewed by the CDC said they ate, licked or tasted raw, homemade dough or batter. Two people told the CDC they ate raw dough or batter made with flour or baking mixes from Aldi. The CDC states that eating or tasting raw dough or batter can make a person sick.

The illnesses began December 11, 2018 and the latest began April 18, The recalled flour was sold at Aldi locations in 11 states, including Connecticut, Delaware, Massachusetts, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, Vermont and West Virginia.

Read more: <https://www.cnn.com/2019/05/24/us/aldi-flour-recall-e-coli/index.html>

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**Get ready! A new ICD-11 is coming in 2022**

(WHO) Member states agreed today to adopt the eleventh revision of the International Statistical Classification of Diseases and Related Health Problems (ICD-11), to come into effect on 1 January 2022.

ICD is the foundation for the identification of health trends and statistics globally, and the international standard for reporting diseases and health conditions. It is the diagnostic classification standard for all clinical and research purposes. ICD defines the universe of diseases, disorders, injuries and other related health conditions.

The ICD also captures factors influencing health, or external causes of mortality and morbidity, providing an holistic look at every aspect of life that can affect health.

ICD-11 has been updated for the 21st century and reflects critical advances in science and medicine. It can be well integrated with electronic health applications and information systems. This new version is fully electronic, allows more detail to be recorded and is significantly easier to use and to implement, which will lead to fewer mistakes and lower costs, and make the tool much more accessible, particularly for low-resource settings.

Full story: <https://www.who.int/news-room/detail/25-05-2019-world-health-assembly-update>

## 'Gaming Disorder' officially recognized in ICD-11 as disease

(Newser) – Video game addiction is now officially a disease. The World Health Organization added "gaming disorder" as a modern disease in its International Classification of Diseases at the [72nd World Health Assembly](#) on Saturday, [CNET](#) reports.

The UN health agency's [fact page on the disorder](#) describes it as "a pattern of persistent or recurrent gaming behavior," which can be online or offline, "manifested by impaired control over gaming, increasing priority given to gaming to the extent that gaming takes precedence over other life interests and daily activities and continuation or escalation of gaming despite the occurrence of negative consequences."

Full Newser report: <https://www.newser.com/story/275681/gaming-disorder-now-an-official-illness.html>

**ICD detail on Gaming Disorder:** <https://icd.who.int/dev11/l-m/en#/http%3a%2f%2fid.who.int%2fid%2fentity%2f1448597234>

## The two viral outbreaks plaguing our country

by Congressman Brett Guthrie (KY-02)

*Ranking Republican on the House Energy and Commerce Committee's Oversight and Investigations Subcommittee and also serves on the committee's Health Subcommittee. He has represented Kentucky's Second District in Congress since 2008. The views expressed in this commentary are his.*

(CNN) Right now, our country is facing two viral outbreaks. Both are incredibly dangerous and one fuels the spread of the other. The first: [More than 800 cases of measles](#) have been confirmed in the United States this year. The second? A plague of misinformation.

While measles was once common, the disease was [declared eliminated in the US in 2000](#) thanks to the widespread use of the measles, mumps, and rubella (MMR) vaccine. Today, our country is seeing a resurgence more than 55 years after the measles vaccine [was first developed in 1963](#). Most people no longer remember the dangers of this infectious disease, which can lead to pneumonia, encephalitis, or swelling of the brain, and death. Sadly, we're now being reminded of the true toll that measles can take. And while it can affect people of all ages, it's particularly dangerous for babies and young children. [One or two in 1,000 children](#) who contract measles will die.

Read more: <https://www.cnn.com/2019/05/25/opinions/measles-vaccine-spread-of-misinformation-guthrie/index.html>

## The Kilogram Will Never Be What It Was

**As of today, it will no longer be determined by a physical piece of metal**

(Newser) – Before Monday, a kilogram equaled about 2.2 pounds. After Monday, it equals ... well, about 2.2 pounds. But Monday also marks a scientific milestone for the metric mass—from now on, it will be measured differently, more precisely. No longer will be it based on an actual physical object, one that has been kept in a climate-controlled vault for more than a century. Instead, it will be based on a constant of physics. Click here for the details: <https://www.newser.com/story/275403/the-kilogram-is-different-as-of-today.html>

## U.S. forecasters predict near average 2019 Atlantic hurricane season

(Reuters) - U.S. forecasters expect the 2019 Atlantic hurricane season beginning June 1 to be near average in the number and intensity of storms, the National Oceanic and Atmospheric Administration's Climate Prediction Center said on Thursday. The forecasters estimate between two and four major hurricanes packing winds of at least 111 miles (179 km) per hour could develop during the 2019 season. The NOAA forecast also said about half of the nine to 15 named storms will be hurricane strength, packing winds of at least 74 mph.

An average Atlantic hurricane season, which runs through Nov. 30, produces 12 named storms of which six become hurricanes, three of them major. Source: <https://news360.com/article/497426469>

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](mailto: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.

