



Kentucky Hospital Research & Education Foundation Emergency Preparedness Update for April 17, 2019

Nurse dies week after patient attack at Louisiana hospital

(Beckers) Police are investigating the death of a nurse who died about a week after being attacked by a patient at Baton Rouge (La.) General Medical Center's Mid City campus, reports CBS affiliate [WAFB 9](#).

A mental health patient attacked 57-year-old Lynne Truxillo the week of April 1. She suffered a torn leg muscle and head injury during the attack but was able to finish her shift. Ms. Truxillo visited the hospital's emergency room after her shift and was treated and released.

Ms. Truxillo returned to the hospital for care six days later and was admitted to the intensive care unit. She died April 11 from a blood clot in her leg and a pulmonary embolism, according to preliminary autopsy results released April 15.

The Baton Rouge Police Department is still investigating whether her death was a result of the attack. Police said they will decide whether to charge the patient, who was released from the hospital, after receiving a final determination from the coroner.

Beckers link: <https://www.beckershospitalreview.com/quality/nurse-dies-week-after-patient-attack-at-louisiana-hospital.html>

WAFB link: <http://www.wafb.com/2019/04/17/warrant-issued-mental-health-patient-accused-attacking-nurse-who-died-days-later/>

New York county announces new ban to fight measles outbreak

(CBS) In recent weeks, [measles](#) has spread from 15 to 20 states. The number of cases has jumped to more than 555 across the country. In areas with the worst outbreaks — including Rockland County, New York — public health officials are taking extreme measures.

On Tuesday, [Rockland County](#) officials announced they want to ban people infected with measles from public places for up to 21 days.

"Failure to comply will result in \$2,000 per violation per day," said Rockland County Commissioner of Health Dr. Patricia Schnabel Ruppert.

While Rockland County officials said they aren't going to go around arresting people with measles, they insist it's about keeping the public safe.

The ban comes three weeks after an [unsuccessful attempt to prevent unvaccinated children](#) from public places in Rockland County. Since then, there have been 33 new cases.

Read more: <https://www.cbsnews.com/news/new-york-rockland-county-measles-outbreak-officials-announce-new-ban-2019-04-16/>

[How Can We Increase Trust in Vaccines?](#) (*Scientific American*) India's victory over polio stands in contrast to the recent and alarming outbreaks of vaccine-preventable diseases we are now seeing around the world. From the United States to the Philippines, mistrust – fueled by rumors and misinformation about vaccines – has often been a driver of these deadly and avoidable outbreaks.

Go to article <https://blogs.scientificamerican.com/observations/how-can-we-increase-trust-in-vaccines/>

Enesi and BARDA partner on needle-free flu vaccines

([CIDRAP News Scan for April 16](#)) Enesi Pharma, a biotechnology company based in the United Kingdom, announced yesterday that it has partnered with the US Department of Health and Human Services Biomedical Advanced Research and Development Authority (BARDA) to develop new flu vaccines using its Implavax technology. The project is part of BARDA's DRIVe (Division of Research, Innovation) initiative, which seeks and funds bold innovative solutions to transform health security, with an eye toward improving vaccine uptake, coverage, compliance, and preparedness. It will involve evaluating solid-dose formulations of marketed flu vaccines, along with in vitro tests to confirm titer generation, mechanical strength, and surety of implantation.

Apr 15 Enesi Pharma [press release](#)

Northern Hemisphere flu drops, but a 2nd wave for some Asian locations

Flu activity continues to decline as the Northern Hemisphere pushes late into its flu season, though activity is still elevated in some countries, with a second wave of flu reported in some eastern Asia locations, the World Health Organization (WHO) said yesterday in its latest global flu update. Apr 15 WHO [global flu update](#)

NIMS Alert 08-19: FEMA ANNOUNCES RELEASE OF TWO PREPWORKS ON SUPPLY CHAIN RESILIENCE AND THE SUPPLY CHAIN RESILIENCE GUIDE. [See the NIMS Alert on the last page.](#)

FDA alerts providers to temporary shortage of breathing tube

([AHA News](#)) The Food and Drug Administration Friday [alerted](#) hospitals and others to a temporary shortage of a tracheostomy tube used to help adult and pediatric patients breathe in health care facilities and at home. Made by Smiths Medical, the Bivona tracheostomy tubes are sterilized with ethylene oxide before they are marketed in the U.S. FDA last month [announced](#) the potential for medical device shortages due to the closure of a large ethylene oxide sterilization facility in Willowbrook, Ill., and the future planned closure of a similar facility in Michigan. The temporary shortage is more likely to impact pediatric patients because the supply of alternative tubes for pediatric patients is limited, FDA said. "We recognize the challenges this shortage imposes for these pediatric patients who need access to new tubes now, and are working to limit the impact to patients as much as possible by helping the company quickly move their sterilization to another facility," the agency said. Health care professionals who have patients urgently in need of a new Bivona tube should contact Smiths Medical directly to inquire about current inventory, FDA said.

FDA statement: <https://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/ucm635925.htm>

GAO recommends CMS improve nursing home oversight

([AHA Today for April 16](#)) The Centers for Medicare & Medicaid Services should evaluate state survey agency processes to ensure that all states are meeting federal requirements for investigating complaints and incidents alleging abuse in nursing homes, the Government Accountability Office said in a [report](#) issued yesterday. While investigating nursing home oversight in five selected states, GAO said it found that the Oregon survey agency was not investigating all abuse complaints and facility-reported incidents as required by federal law. In a [blog post](#) yesterday, CMS Administrator Seema Verma explained how the federal agency is revising its oversight of state survey agencies. Among other actions, she noted that the agency recently released new [guidance](#) to help surveyors apply its "immediate jeopardy" standards more consistently nationwide.

Officials warn of new drug 100 times more potent than fentanyl

(CBS) Officials in San Diego County have issued an alert after three people have suffered documented fatal overdoses from a new form of the drug [fentanyl](#) know as [carfentanil](#). It would only take 2 mg of the drug to cause a deadly overdose meanwhile it would only take .02 mg of carfentanil to have the same fatal results, [CBS Sacramento](#) reported. Carfentanil is similar to fentanyl but twice as strong and used in large animals like horses and elephants widely in zoos.

The DEA has quick facts about carfentanil, stressing that it's a [synthetic opioid](#), white, powdery and looks like cocaine or heroin. It's 100 times more potent than fentanyl and trace amounts can kill you. Carfentanil also poses a risk to first responders and law enforcement personnel who touch it accidentally.

[See link below to a DEA Alert for First Responders.]

Story link: <https://www.cbsnews.com/news/carfentanil-officials-warn-of-new-drug-100-times-more-potent-than-fentanyl-2019-04-16/>

DEA Officer Safety Alert: https://www.dea.gov/sites/default/files/2018-07/hq092216_attach.pdf

Rural emergency department visits jumped more than 50% in about a decade

(FierceHealthcare) Visits to the emergency department in rural areas jumped by more than 50% since 2005 even as the overall population in rural areas fell—a sign of increasing pressure on rural hospitals as safety-net providers, [a recent study](#) published in JAMA Network Open found.

Looking at a cross-sectional study of National Hospital Ambulatory Medical Care Survey data between 2005 and 2016, researchers found ED visits increased from 36.5 to 64.5 for every 100 people in rural areas, compared with an increase in urban ED visits from 40.2 to 42.8 of every 100.

Overall, rural ED visits increased from 16.7 million to 28.4 million while urban visits increased from 98.6 million to 117.2 million, the researchers from the University of New Mexico, Albuquerque and the University of Michigan found. The increases in rural settings were specifically notable among non-Hispanic white patients, ages 18 to 64, Medicaid beneficiaries and patients without insurance.

Full story: <https://www.fiercehealthcare.com/payer/rural-ed-visits-increased-50-12-years>

Johns Hopkins: Health security Headlines
Extracts from [April 15](#) & [April 16, 2019](#)

[Fear of Biological Agent Strikes Busan as US Troops Continue Biosurveillance Project](#) (*The Korean Herald*) Civic groups and Busan residents have taken to the street expressing fear of possible biological agent experiment, in the aftermath of renewed allegations that US troops stationed in South Korea are conducting such tests at the city's port. [Go to article](#)

[House Members Question the Reliability of New Bioweapons Detection System](#) (*Los Angeles Times*) A bipartisan group of House members has questioned the Trump administration's new system for detecting anthrax or other airborne biological weapons — warning it could be “even less reliable” than the nation's existing, problem-plagued BioWatch program. [Go to article](#)

[HS S&T Awards \\$2.9M to ENSCO, Inc. for Additional Development of Integrated Sensor System](#) (*Homeland Security News Release*) The Department of Homeland Security (DHS) Science and Technology Directorate (S&T) today announced a new 18-month, \$2.9 million contract award to ENSCO, Inc. for continued work on SenseNet, an effort to develop a low-cost integrated sensor system that can detect biological health hazards in buildings and other high-occupancy indoor facilities. DHS initiated the SenseNet program to improve biological detection system performance by further integrating and fusing multiple sensor types, and developed strategies to share the cost burden of a system through commercial utility and application. [Go to article](#)

[DHS S&T Awards \\$1.5M to Zeteo Tech to Develop and Test Real-Time Biological Threat Detection Technology](#) (*Homeland Security News Release*) The Department of Homeland Security (DHS) Science and Technology Directorate (S&T) has awarded \$1.5 million to Zeteo Tech to develop and test a new sensor technology prototype that combines trigger and detector functions and will enable real-time detection of aerosolized biological threat agents including bacteria, viruses, and toxins. [Go to article](#)

[Syphilis Is Spreading Across Rural America](#) (*Daily Beast*) Public health officials say rural counties across the Midwest and West are becoming the new battleground. While syphilis is still concentrated in cities such as San Francisco, Atlanta and Las Vegas, its continued spread into places like Missouri, Iowa, Kansas and Oklahoma creates a new set of challenges. Compared with urban hubs, rural populations tend to have less access to public health resources, less experience with syphilis and less willingness to address it because of socially conservative views toward homosexuality and non-marital sex. [Go to article](#)

Webinar: Multidrug-resistant Organisms (MDROs) in Healthcare - Primer

April 24, 2019 at 11:30-12:30 (EDT)

The webinar will be presented by

Kevin Spicer, MD, PhD, MPH

Medical Officer, Division of Healthcare Quality Promotion, CDC
Antibiotic Resistance Coordinator, HAI/AR Prevention Program, Kentucky DPH

[Registration link for the webinar:](#)

<https://attendeegotowebinar.com/register/5888503089379598091>

Address questions to:

Kevin Spicer (kevin.spicer@ky.gov) or

Andrea Flinchum (andrea.flinchum@ky.gov)

Gun violence research at standstill due to lack of federal funding

(Modern Healthcare) A lack of new federal funding for gun violence research has stalled progress toward solutions. Healthcare providers are stepping up to help fill the void.

Read More > [HTTP://L.E.CRAINALERTS.COM/RTS/GO2.ASPX?H=228304&TP=I-H43-E0-3RK-9KWLML-1N-1D7A-1C-9L20H-1UR9LX](http://L.E.CRAINALERTS.COM/RTS/GO2.ASPX?H=228304&TP=I-H43-E0-3RK-9KWLML-1N-1D7A-1C-9L20H-1UR9LX)

April 25 webinar on best practices for screening patients for signs of trafficking

The AHA's *Hospitals Against Violence* initiative April 25 at 2 p.m. ET will host a webinar providing resources and best practice techniques for health care professionals to screen and/or assess for signs of labor and/or sex trafficking. Makini Chisolm-Straker, M.D., treasurer of the board of directors and co-founder of HEAL Trafficking and assistant professor of emergency medicine for the Icahn School of Medicine at Mount Sinai, and Holly Austin Gibbs, patient care services program director at Dignity Health, will share strategies, screening and assessment tools, and the limitations of existing instruments to assist hospitals and health systems in providing trauma-informed and person-centered care. [View more information and register.](#)

Hackers tried to reroute payments of 5,600 Blue Cross of Idaho members

(Beckers) Blue Cross of Idaho [is notifying members](#) of a March 21 data breach that allowed an unauthorized user to gain access to the organization's online provider portal.

Hackers tried to gain access to 5,600 member portals, or 1 percent of its membership, in order to fraudulently reroute provider financial transactions, according local ABC affiliate [KIVI](#). Blue Cross of Idaho stopped the attempted financial fraud and has secured the portal.

Read more: <https://www.beckershospitalreview.com/cybersecurity/hackers-tried-to-reroute-payments-of-5-600-blue-cross-of-idaho-members.html>

Hackers may turn patient PHI into malware in medical image files

(Beckers) Hackers could disguise malware as patient protected health information in MRI and CT scan images saved in the digital imaging and communications in medicine file format, [Bleeping Computer](#) reports.

Read more: <https://www.beckershospitalreview.com/cybersecurity/hackers-may-turn-patient-phi-into-malware-in-medical-image-files.html>

Third-Party Vendors Behind 20% of Healthcare Data Breaches in 2018

([Health IT Security](#)) In its latest assessment of the state of healthcare cybersecurity, CynergisTek researchers found that vendors working with health providers account for some of the largest data breaches to date, according to a new CynergisTek [report](#)..

Full story: <https://healthitsecurity.com/news/third-party-vendors-behind-20-of-healthcare-data-breaches-in-2018>

READ MORE: [25% of Phishing Emails Get Past Office 365 Default Security](#)

CDC Clinicians Call

***Travel-associated Rickettsioses Guidance:
Pre-travel Counseling, Diagnosis, Treatment, and Reporting***

May 7, 2019 @ 2 PM EDT

More info: https://emergency.cdc.gov/coca/calls/2019/callinfo_050719.asp

CDC Emergency Preparedness & Response Training Resources

<https://emergency.cdc.gov/coca/trainingresources.asp>

The KHEREF 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 KHEREF are supported by US DHHS ASPR HPP funds through a contract with Kentucky Public Health.



FEMA

NIMS Alert 08-19: FEMA ANNOUNCES RELEASE OF TWO PREPTALKS ON SUPPLY CHAIN RESILIENCE AND THE SUPPLY CHAIN RESILIENCE GUIDE

04/16/2019

FEMA ANNOUNCES RELEASE OF TWO PREPTALKS ON SUPPLY CHAIN RESILIENCE AND THE SUPPLY CHAIN RESILIENCE GUIDE

FEMA announces the release today of two *PrepTalks* and the *Supply Chain Resilience Guide*.

Every day, individuals and families routinely receive critical goods and services such as water, food, pharmaceuticals, medical goods, power, and fuel from healthy, functioning supply chains. However, in times of disaster, even supply chains that were previously functioning well can experience significant disruption, generating acute life-safety challenges and quickly turning a disaster into a catastrophe. Supply chains that effectively adapt to disasters greatly benefit the community and its lifelines and can reduce the need for a larger response and recovery operation.

Although the private sector operates and maintains the majority of supply chains, emergency managers can play a critical role in enhancing supply chain resilience by fostering greater awareness and collaboration among key supply chain players and promoting actions to strengthen supply chain resilience. They must also be aware of supply chain vulnerabilities and potential impacts to the community and its lifelines, so they can develop effective emergency response plans and operate efficiently in times of disaster.

FEMA and its emergency management partner organizations released two Supply Chain PrepTalks from Dr. Jarrod Goentzel and Dr. Yossi Sheffi. These are the sixth and seventh PrepTalk videos released from the Sept. 6, 2018 symposium. The next PrepTalks Symposium will be held on April 23, 2019 in Santa Rosa, CA.

Dr. Goentzel's PrepTalk is "[Aligning Public and Private Supply Chains for Disaster Response](#)". *In it, he demonstrates how the private sector has far more capacity to respond than the public sector, explains the role of emergency managers in supporting private sector supply chain restoration, and shows how analysis can help with strategic and tactical preparedness and operational collaboration during a crisis.* Dr. Goentzel's PrepTalk, a discussion guide, and additional resources are available at www.fema.gov/preptalks/goentzel.

Dr. Sheffi's PrepTalk is "[Private Sector Resilience: It Is All In the Supply Chain](#)". In it, he explains the modes of failure in supply chain networks, explores new ways to think about disruptions, and showcases a General Motors case study on the complexities of supply chain management. Dr. Sheffi's PrepTalk, a discussion guide, and additional resources are available at www.fema.gov/preptalks/sheffi.

In addition to the two PrepTalks, FEMA released *Supply Chain Resilience Guide*. The guide provides emergency managers with recommendations and best practices on how to analyze local supply chains and work with the private sector to enhance supply chain resilience using a five-phased approach. The *Supply Chain Resilience Guide* also identifies how emergency managers can use information from the supply chain resilience process to support restoration of supply chains and inform development or refinement of logistics plans or annexes, following the six-step process described in FEMA's [Comprehensive Preparedness Guide \(CPG\) 101: Developing and Maintaining Emergency Operations Plans](#).

The *Supply Chain Resilience Guide* can be found at <https://www.fema.gov/plan>. FEMA is planning on hosting several webinars about this guide in the coming months. For more information on the webinars, please visit: <https://www.fema.gov/plan>.



Management of Acute Burn Injuries: **THE 1ST 24 HOURS**

Presented by:
Debbie Harrell, MSN, RN

TARGET AUDIENCE

Designed for the interdisciplinary members of the health care team providing emergency care and management of the burn-injured child.

Program Content

- Emergent Interventions
- Treatment Priorities
 - Airway Management
 - Fluid Resuscitation
 - Wound Care
- Severity of Injury
- Expected Outcomes
- Rehabilitation

Course Description

This program is intended to advance the knowledge of emergency health care providers in pediatric burn care management. Treatment of burn-injured children is addressed from the care at the scene, during transport and care in the emergency room. These lectures provide basic burn care management interventions, practical application of current therapies, and expected clinical patient outcomes.

3 Opportunities to take the course near you:

- **May 2, 2019 - 9:00 AM to 11:00AM at Caldwell Medical Center, Princeton, KY.** To register Click: <https://ky.readvop.com/fs/4cHf/f5db>
- **May 2, 2019 - 2:00 PM to 4:00 PM at Murray/ Calloway Hospital Murray, KY.** To Register Click: <https://ky.readvop.com/fs/4cHe/77a7>
- **May 3, 2019 – 9:30 to 11:30 at Owensboro Health Regional Hospital, Owensboro, KY.** To Register Click: <https://ky.readvop.com/fs/4cHg/4b5a>

CONDITIONS TREATED

All Services Provided Regardless of a Family's Ability to Pay

- Burns
- Cleft Lip & Palate
- Plastic Surgery & Reconstructive Surgery
- Complex Wounds & Skin Conditions

If you know a child we can help, call or go to:
shrinershospitalcincinnati.org

Burn & Emergency Services
866-947-7840

Plastic Surgery Services
855-206-2096

Registration links:

Princeton: <https://ky.readvop.com/fs/4cHf/f5db>

Murray: <https://ky.readvop.com/fs/4cHe/77a7>

Owensboro: <https://ky.readvop.com/fs/4cHg/4b5a>