



May 5, 2023 Weekly Situational Awareness Brief

Awareness Topics

New report details the deadly rise of fentanyl in the US

"Drug overdose deaths in the US rose to record levels during the Covid-19 pandemic, and a new report from the US Centers for Disease Control and Prevention details the deadly rise of fentanyl."

FDA approves first vaccine for RSV, a moment six decades in the making

"After a 60-year scientific quest, the world has its first vaccine to protect against the respiratory syncytial virus, or RSV — and more are on the way. On Wednesday, the US Food and Drug Administration approved Arexvy, made by GSK, which is designed to be given as a single shot to adults 60 and older."

Single Dose of HPV Vaccine Is Highly Effective: Study

"May 3, 2023 – A new study shows that one dose of a vaccine that can prevent the virus that leads to most cases of cervical cancer may be as effective as the usual two or three doses."

Loneliness epidemic hitting Americans hard, especially young people: Surgeon general

"Widespread loneliness in the U.S. poses health risks as deadly as smoking up to a dozen cigarettes daily, costing the health industry billions of dollars annually, the U.S.

surgeon general said Tuesday in declaring the latest public health epidemic. About half of U.S. adults say they've experienced loneliness, Dr. Vivek Murthy said in an 81-page report from his office."

Long-Term Impact of Childhood Trauma Explained

"Dysregulated stress systems may help explain why childhood trauma has such a dramatic and enduring psychiatric impact, new research suggests."

How thinking hard makes the brain tired

"Physical labour is exhausting. A long run or a hard day's sweat depletes the body's energy stores, resulting in a sense of fatigue. Mental labour can also be exhausting. Even resisting that last glistening chocolate-chip cookie after a long day at a consuming desk job is difficult. Cognitive control, the umbrella term encompassing mental exertion, self-control and willpower, also fades with effort. But unlike the mechanism of physical fatigue, the cause of cognitive fatigue has been poorly understood."

US to lift most federal COVID-19 vaccine mandates next week

"The move marks the latest display of how President Joe Biden's administration is moving to treat COVID-19 as a routine, endemic illness."

Explanation Proposed for Long-COVID Symptoms in the CNS

"The neurologic symptoms of long COVID appear to be explained by a phenomenon known as antigenic imprinting, which involves a misdirected immune response to the SARS-CoV2 virus, according to a collaborative study presented at the 2023 annual meeting of the American Academy of Neurology."

The patients getting hospital treatment at home

"A service that brings hospital-level treatment to patients in their own homes is gradually being rolled out across Scotland. Hospital at Home sees teams of specialists travel to patients who would otherwise receive inpatient care."

MESH does not assume any liability for the content, materials, information, and opinions provided within this communication. Further, MESH disclaims any liability resulting from use of any content within this communication. Information contained in this communication is provided "as is," with all faults. Neither MESH, nor any person associated with MESH, makes any warranty or representation with respect to the quality, accuracy, or availability of this information.

MESH serves as the designated Medical Multi-Agency Coordination Center for Marion County, Indiana. The MESH Intelligence Program is a joint-effort between the City of Indianapolis Emergency Management Agency and the Marion County Public Health Department designed to provide real-time information and support to the healthcare sector in the Indianapolis area. Assistance with info or questions at: Office phone: 317.630.7363, Pager: 317.310.6762, Email: MESHintel@meshcoalition.org

To sign up for MESH Coalition Weekly Situational Awareness Briefs, subscribe at the bottom of our homepage at meshcoalition.org

