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Title: Drive-Through Efficiency: How to Prepare for and Execute a Mass-Vaccination Event

Abstract: The 2019 novel coronavirus is on pace to overtake the 1918 influenza as the deadliest pandemic in U.S. history. A highly efficient strategy for vaccination is crucial to curbing the public health crisis. In January 2021, UCHealth — an innovative nonprofit health system serving Colorado, southern Wyoming, and western Nebraska — brought together key stakeholders to develop a new drive-through vaccination model with the goal of providing immunizations to 10,000 individuals over a 2-day period, which would be the largest vaccination effort in the United States at that time. Health care innovators, operational leaders, and information technology experts used iterative process improvement and real-time data collection to create the model. Their standards for efficiency in handling high-volume events are published in a playbook available to any entity hoping to utilize drive-through mass vaccination. From arrival to departure, median time spent in the vaccination clinic was 24 minutes, including 15 minutes of observation.

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