



# Health Alert Network

## Tri-County Health Department

Serving Adams, Arapahoe and Douglas Counties

Phone 303/220-9200 • Fax 303/741-4173 • [www.tchd.org](http://www.tchd.org)

Follow us on Twitter @TCHDHealth

John M. Douglas, Jr., M.D. Executive Director

The pages that follow contain information critical to protecting the health of your patients and the citizens of Colorado.

## HAN ADVISORY

Number of pages including cover: 3

Subject: **Advisory - Provider compliance with ACIP - recommended vaccine timing & spacing**

Message ID: 12/27/2019 10:00:00 AM

Recipients: HAN Community Members.

From: TRI-COUNTY HEALTH DEPARTMENT

Adams, Arapahoe and Douglas County, Colorado

Recipient Instructions: **Tri-County Health Department is forwarding you the attached HAN. You may have already received this broadcast if you are on the CDPHE distribution list, however, we wanted to ensure you did not miss this important information. No response is required. Providers, please distribute widely in your office.**

---

You have received this message based upon the information contained within our Health Alert Network Notification System. If you have a different or additional e-mail or fax address that you would like us to use, or if you have additional questions, call 720-200-1477.

### Categories of Health Alert Network Messages:

**Health Alert:** Conveys the highest level of importance; warrants immediate action or attention.

**Health Advisory:** Provides important information for a specific incident or situation; may not require immediate action.

**Health Update:** Provides updated information regarding an incident or situation; unlikely to require immediate action.

**Info Service/Public Health Brief:** Provides general information that is not necessarily considered to be of an emergent nature.

You may download a copy of this HAN from the TCHD website at  
<http://www.tchd.org/259/Health-Alert-Network>



**COLORADO**

Department of Public  
Health & Environment

Dedicated to protecting and improving the health and environment of the people of Colorado

HEALTH ALERT NETWORK BROADCAST

MESSAGE ID: 12262019 10:00

FROM: CO-CDPHE

SUBJECT: HAN Advisory - Provider Compliance with ACIP-recommended vaccine timing and spacing

RECIPIENTS: Local Public Health Agencies

RECIPIENT INSTRUCTIONS: Local Public Health Agencies - Please forward to healthcare providers

**HEALTH ADVISORY** | Provider compliance with ACIP-recommended vaccine timing & spacing | Dec. 26, 2019

Health care providers: Please distribute widely in your office

### Key points

- Annually, we collect immunization data from schools and child care centers. Upon review, invalid doses are identified and parents and providers are notified. CDPHE is currently collecting this information through Jan. 15, 2020.
- Doses identified as invalid need to be repeated to ensure protection from disease. Vaccine doses given before the minimum age or interval do not meet school requirements.
- Vaccine doses should not be administered at intervals less than the minimum intervals or at an age that is younger than the minimum age. Doses that do not meet these requirements are not considered valid doses.
- This advisory is intended to reduce the frequency of invalid doses administered and to encourage providers to repeat doses when prior administration has been determined to be invalid.

### Background information

- The Advisory Committee on Immunization Practices (ACIP) reviews available evidence for all vaccines, including timing and spacing of dose. ACIP deliberations include consideration of disease epidemiology and burden of disease, vaccine efficacy and effectiveness, vaccine safety, the quality of evidence reviewed, economic analyses, and implementation issues.
- Optimal response to a vaccine depends on multiple factors, including the type of vaccine, age of the recipient, and immune status of the recipient.<sup>1</sup>
- Recommendations for the age at which vaccines are administered are influenced by age-specific risks for disease, age-specific risks for complications, age-specific responses to vaccination, and potential interference with the immune response by passively transferred maternal antibodies.
- ACIP guidance allows some flexibility when reviewing immunization records, by including a grace period of up to four days. This includes doses administered earlier than recommended, and the spacing between doses of inactivated vaccine. Even one additional day -- administration five days prior, for example -- renders a dose invalid because the level of protection has not been established.
- Doses that are not administered accordingly are not considered valid; protection will only be provided by repeating the dose according to ACIP guidelines.

---

<sup>1</sup> Ezeanolue E, Harriman K, Hunter P, Kroger A, Pellegrini C. "General Best Practices Guidelines for Immunization." <https://www.cdc.gov/vaccines/hcp/acip-recs/general-recs/timing.html> (accessed December 23, 2019)

## Recommendations / guidance

- Vaccination providers should adhere to recommended minimum ages and intervals for each vaccine dose. Administration at recommended ages and in accordance with recommended intervals between doses of multidose antigens provides optimal protection.
- Doses of any vaccine administered  $\geq 5$  days earlier than the minimum interval or age should not be counted as valid doses and should be repeated as age appropriate. If the vaccine is a live vaccine, ensuring a minimum interval of 28 days is recommended between doses.
- Colorado law (Board of Health rule 6 CCR 1009-2) requires all students attending Colorado schools and licensed child care centers to be vaccinated against certain diseases, unless an exemption is filed. Each dose must be valid to be counted.

---

## For more information

- Contact CDPHE at (303) 692-2700 or visit <https://colorado.gov/cdphe/categories/services-and-information/health/prevention-and-wellness/immunization>

4300 Cherry Creek Drive S, Denver, CO 80246-1530 P 303-692-2000 [www.colorado.gov/cdphe](http://www.colorado.gov/cdphe)  
Jared Polis, Governor | Jill Hunsaker Ryan, MPH, Executive Director

