

Catch-up immunization schedule for persons aged 7–18 years who start late or who are more than 1 month behind

The table below provides catch-up schedules and minimum intervals between doses for children whose vaccinations have been delayed. A vaccine series does not need to be restarted, regardless of the time that has elapsed between doses.

Vaccine	Minimum age for Dose 1	Minimum interval between doses			
		Dose 1 to Dose 2	Dose 2 to Dose 3	Dose 3 to Dose 4	Dose 4 to Dose 5
Tetanus, Diphtheria/Tetanus, Diphtheria, Pertussis ¹	7 years ¹	4 weeks	4 weeks if first dose administered at younger than age 12 months 6 months if first dose administered at age 12 months or older	6 months if first dose administered at younger than age 12 months	
Human Papillomavirus ²	9 years	Routine dosing intervals are recommended ²			
Hepatitis A ³	12 months	6 months			
Hepatitis B ⁴	Birth	4 weeks	8 weeks (and at least 16 weeks after first dose)		
Inactivated Poliovirus ⁵	6 weeks	4 weeks	4 weeks	4 weeks ⁵	
Measles, Mumps, Rubella ⁶	12 months	4 weeks			
Varicella ⁷	12 months	3 months if the person is younger than age 13 years 4 weeks if the person is aged 13 years or older			

Footnotes

- Tetanus and diphtheria toxoids vaccine (Td) and tetanus and diphtheria toxoids and acellular pertussis vaccine (Tdap).**
 - Doses of DTaP are counted as part of the Td/Tdap series
 - Tdap should be substituted for a single dose of Td in the catch-up series or as a booster for children aged 10 through 18 years; use Td for other doses.
- Human papillomavirus vaccine (HPV).**
 - Administer the series to females at age 13 through 18 years if not previously vaccinated.
 - Use recommended routine dosing intervals for series catch-up (i.e., the second and third doses should be administered at 2 and 6 months after the first dose). However, the minimum interval between the first and second doses is 4 weeks. The minimum interval between the second and third doses is 12 weeks, and the third dose should be given at least 24 weeks after the first dose.
- Hepatitis A vaccine (HepA).**
 - HepA is recommended for children older than 1 year who live in areas where vaccination programs target older children or who are at increased risk of infection. See *MMWR* 2006;55(No. RR-7).
- Hepatitis B vaccine (HepB).**
 - Administer the 3-dose series to those not previously vaccinated.
 - A 2-dose series (separated by at least 4 months) of adult formulation Recombivax HB[®] is licensed for children aged 11 through 15 years.
- Inactivated poliovirus vaccine (IPV).**
 - For children who received an all-IPV or all-oral poliovirus (OPV) series, a fourth dose is not necessary if the third dose was administered at age 4 years or older.
 - If both OPV and IPV were administered as part of a series, a total of 4 doses should be administered, regardless of the child's current age.
- Measles, mumps, and rubella vaccine (MMR).**
 - If not previously vaccinated, administer 2 doses with at least 28 days between doses.
- Varicella vaccine.**
 - For persons aged 12 months through 12 years, the minimum interval between doses is 3 months. However, if the second dose was administered at least 28 days after the first dose, it can be accepted as valid.
 - For persons aged 13 years and older, the minimum interval between doses is 28 days.

Immunization Program Resources



Colorado Department of Public Health and Environment

General Immunization Questions: (303) 692-2650

Vaccine Orders: (303) 692-2795

Vaccines for Children (VFC) Program: (719) 545-4650 x22, 1-866-530-1813

Hepatitis B Project: (303) 692-2673

Disease Reports: 1-800-866-2759

Vaccine Adverse Event Reporting System (VAERS):

(970) 323-6056, 1-866-896-1586. Clinically significant adverse events that follow immunization should be reported to VAERS. Guidance about how to obtain and complete a VAERS form is also available at <http://www.vaers.hhs.gov>.

Vaccine Information Statements (VISs):

<http://www.cdc.gov/vaccines/pubs/vis>

Family Healthline (Parent Information): (303) 692-2229 (Denver metro area) or 1-800-688-7777

CDC Information Contact Center (for immunization questions):

1-800-CDC-INFO (1-800-232-4636); NIPINFO@cdc.gov

COLORADO CLINICAL GUIDELINES COLLABORATIVE

Background

The Colorado Clinical Guidelines Collaborative was formed in 1996 to address the challenges for the use and implementation of clinical guidelines across health care systems in Colorado. Current membership represents 50 health care organizations.

Mission Statement

CCGC is a Colorado coalition of healthcare stakeholders (health plans, physicians, hospitals, employers, government agencies, quality improvement organizations and other entities) working collaboratively to implement systems and processes, using evidenced-based clinical guidelines to improve healthcare outcomes in Colorado.