# HPV CDC recommendations- tabular CDSS rules (optimal)

Updated on April 2, 2024

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| **Vaccine** | **#** | **Age1** | **Age2** | **SpecialCondition** | **Immunization record** | | | **MedIndication1** | **MedIndication2** | **MedIndication3** | **Todo1** | **Todo2** | **Todo3** | **Todo4** | **Note-display** | **Note** |
| **HPV** |  |  |  |  | **Y/N** | **Dose** | **Adm date** |  |  |  |  |  |  |  |  |  |
| **Regular and catch-up without prior vaccination records** | | | | | | | | | | | | | | | | |
|  | 1 | >= 11 yr | AND <= 14 yr |  | N |  |  |  |  |  | Admin 1st dose | Schedule 2nd dose >= 6 mon AND <= 12 mon of 1st dose |  |  |  |  |
|  | 2 | >= 15 yr | AND <= 26 yr |  | N |  |  |  |  |  | Admin 1st dose | Schedule 2nd dose >= 4 wk of 1st dose | Schedule 3rd dose >= 12 wk of 2nd dose AND >= 5 mon of 1st dose |  |  |  |
|  | 3 | < 11 yr |  |  | N |  |  |  |  |  | Schedule 1st dose >= 11 yr of age AND <= 14 yr | Schedule 2nd dose >= 6 mon AND <= 12 mon of 1st dose |  |  |  |  |
| **Special conditions** | | | | | | | | | | | | | | | | |
|  | 4 | >= 9 yr | AND < 11 yr | Sexual abuse or assault | N |  |  |  |  |  | Admin 1st dose | Schedule 2nd dose >= 6 mon AND <= 12 mon of 1st dose |  |  |  |  |
|  | 5 | < 9 yr |  | Sexual abuse or assault | N |  |  |  |  |  | Schedule 1st dose >= 9 yr | Schedule 2nd dose >= 6 mon AND <= 12 mon of 1st dose |  |  |  |  |
| **Regular and catch-up with prior vaccination records** | | | | | | | | | | | | | | | | |
|  | 6 | >= 9 yr | AND <= 14 yr |  | Y | 1 | >= 5 mon |  |  |  | Admin 2nd dose within 12 month of 1st dose |  |  |  |  |  |
|  | 7 | >= 9 yr | AND <= 14 yr |  | Y | 1 | < 5 mon |  |  |  | Admin or schedule the 2nd dose >= 5 mon AND <=12 mon of 1st dose |  |  |  |  |  |
|  | 8 | >= 9 yr | AND <= 14 yr |  | Y | 1 + 2 | Interval < 5 mon |  |  |  | Admin or schedule another 2nd dose >= 5 mon AND <= 12 mon of initial 2nd dose |  |  |  |  |  |
|  | 9 | >= 15 yr | AND <= 26 yr |  | Y | 1 | >= 4 wk |  |  |  | Admin 2nd dose | Schedule 3rd dose >= 12 wk of 2nd dose AND >= 5 mon of 1st dose |  |  |  |  |
|  | 10 | >= 15 yr | AND <= 26 yr |  | Y | 1 | < 4 wk |  |  |  | Schedule 2nd dose >= 4 wk of 1st dose | Schedule 3rd dose >= 12 wk of 2nd dose AND >= 5 mon of 1st dose |  |  |  |  |
|  | 11 | >= 15 yr | AND <= 26 yr |  | Y | 1 + 2 | Interval >= 4 wk AND >= 12 wk of 2nd dose AND >= 5 mon of 1st dose |  |  |  | Admin 3rd dose |  |  |  |  |  |
|  | 12 | >= 15 yr | AND <= 26 yr |  | Y | 1 + 2 | Interval >= 4 wk AND >= 12 wk of 2nd dose AND < 5 mon of 1st dose |  |  |  | Schedule 3rd dose >= 12 wk of 2nd dose AND >= 5 mon of 1st dose |  |  |  |  |  |
|  | 13 | >= 15 yr | AND <= 26 yr |  | Y | 1 + 2 | Interval >= 4 wk AND < 12 wk of 2nd dose |  |  |  | Schedule 3rd dose >= 12 wk of 2nd dose AND > =5 mon of 1st dose |  |  |  |  |  |
|  | 14 | >= 15 yr | AND <= 26 yr |  | Y | 1 + 2 | Interval < 4 wk |  |  |  | Admin or schedule another 2nd dose > = 4 wk of initial 2nd dose | Schedule 3rd dose >= 12 wk of 2nd dose AND > =5 mon of 1st dose |  |  |  |  |
|  | 15 | >= 15 yr | AND <= 26 yr |  | Y | 1 + 2 + 3 | 2nd and 3rd doses < 12 wk |  |  |  | Admin or schedule another 3rd dose > = 12 wk after initial 3rd dose AND >= 5 mon of 1st dose |  |  |  |  |  |
|  | 16 | >= 15 yr | AND <= 26 yr |  | Y | 1 + 2 + 3 | 1st and 3rd doses < 5 mon |  |  |  | Admin or schedule another 3rd dose >= 12 wk after initial 3rd dose AND >= 5 mon of 1st dose |  |  |  |  |  |
|  | 17 | >= 15 yr | AND <= 26 yr |  | Y | 1 + 2 + 3 | 1st and 2nd doses < 4 wk |  |  |  | Admin or schedule another 2nd dose >= 4 wk of 1st dose | Schedule another 3rd dose >= 12 wk of new 2nd dose AND >= 5 mon of 1st dose |  |  |  |  |
| **Medical indications** | | | | | | | | | | | | | | | | |
|  | 18 | >= 9 yr (after pregnancy) | <= 14 yr (after pregnancy) |  | N |  |  | Pregnant |  |  | Admin 1st dose ***after pregnancy*** | Schedule 2nd dose >= 6 mon AND <= 12 mon of 1st dose |  |  |  |  |
|  | 19 | >=15 yr (after pregnancy) | <= 26 yr (after pregnancy) |  | N |  |  | Pregnant |  |  | Admin 1st dose ***after pregnancy*** | Schedule 2nd dose >= 4 wk of 1st dose | Schedule 3rd dose >= 12 wk of 2nd dose AND >= 5 mon of 1st dose |  |  |  |
|  | 20 | >= 9 yr (after pregnancy) | <= 14 yr (after pregnancy) |  | Y | 1 |  | Pregnant |  |  | Admin or schedule 2nd dose >= 5 mon of 1st dose ***after pregnancy*** |  |  |  |  |  |
|  | 21 | >= 15 yr (after pregnancy) | <= 26 yr (after pregnancy) |  | Y | 1 |  | Pregnant |  |  | Admin or schedule 2nd dose > =4 wk of 1st dose ***after pregnancy*** | Schedule 3rd dose >= 12 wk of 2nd dose AND >= 5 mon 1st dose |  |  |  |  |
|  | 22 | >= 15 yr (after pregnancy) | <= 26 yr (after pregnancy) |  | Y | 1 + 2 | Interval > =4 wk | Pregnant |  |  | Admin or schedule 3rd dose >= 12 wk of 2nd dose AND >= 5 mon of the 1st dose ***after pregnancy*** |  |  |  |  |  |
|  | 23 | >= 15 yr (after pregnancy) | <= 26 yr (after pregnancy) |  | Y | 1 + 2 | Interval < 4 wk | Pregnant |  |  | Admin or schedule another 2nd dose >= 4 wk of the initial 2nd dose ***after pregnancy*** | Schedule 3rd dose >= 12 wk of new 2nd dose AND >= 5 mon 1st dose ***after pregnancy*** |  |  |  |  |
|  | 24 | >= 15 yr (after pregnancy) | <= 26 yr (after pregnancy) |  | Y | 1 + 2 + 3 | Interval < 4 wk between 1st and 2nd dose | Pregnant |  |  | Admin or schedule another 2nd dose >= 4 wk of 1st dose ***after pregnancy*** | Schedule another 3rd dose >= 12 wk of new 2nd dose AND >= 5 mon of 1st dose ***after pregnancy*** |  |  |  |  |
|  | 25 | >= 15 yr (after pregnancy) | <= 26 yr (after pregnancy) |  | Y | 1 + 2 + 3 | Interval < 5 mon between 1st and 3rd dose | Pregnant |  |  | Schedule another 3rd dose >= 12 wk of initial 3rd dose AND >= 5 mon of 1st dose ***after pregnancy*** |  |  |  |  |  |
|  | 26 | >= 15 yr (after pregnancy) | <= 26 yr (after pregnancy) |  | Y | 1 + 2 + 3 | Interval < 12 wk between 2nd and 3rd | Pregnant |  |  | Schedule another 3rd dose >= 12 wk of initial 3rd dose AND > =5 mon of 1st dose ***after pregnancy*** |  |  |  |  |  |
|  | 27 | >= 9 yr | <= 26 yr |  | N |  |  | immunocompromised (with cancer, chemotherapy, congenital immunodeficiency, long-term immunosuppressive therapy, or HIV) |  |  | Admin 1st dose | Schedule 2nd dose >= 4 wk of 1st dose | Schedule 3rd dose >= 12 wk of 2nd dose AND >= 5 mon of 1st dose |  |  |  |
|  | 28 | >= 9 yr | <= 26 yr |  | Y | 1 |  | immunocompromised (with cancer, chemotherapy, congenital immunodeficiency, long-term immunosuppressive therapy, or HIV) |  |  | Admin or schedule for 2nd dose >= 4 wk of 1st dose | Schedule 3rd dose >= 12 wk of 2nd dose AND >= 5 mon of 1st dose |  |  |  |  |
|  | 29 | >= 9 yr | <= 26 yr |  | Y | 1 + 2 | Interval >= 4 wk | immunocompromised (with cancer, chemotherapy, congenital immunodeficiency, long-term immunosuppressive therapy, or HIV) |  |  | Admin or schedule for 3rd dose >= 12 wk of 2nd dose AND >= 5 mon of 1st dose |  |  |  |  |  |
|  | 30 | >= 9 yr | <= 26 yr |  | Y | 1 + 2 | Interval < 4 wk | immunocompromised (with cancer, chemotherapy, congenital immunodeficiency, long-term immunosuppressive therapy, or HIV) |  |  | Admin or schedule another 2nd dose >= 4 wk of initial 2nd dose | Schedule 3rd dose >= 12 wk of the new second dose AND >= 5 mon of 1st dose |  |  |  |  |
|  | 31 | >= 9 yr | <= 26 yr |  | Y | 1 + 2 + 3 | Interval < 12 wk between 2nd and 3rd dose | immunocompromised (with cancer, chemotherapy, congenital immunodeficiency, long-term immunosuppressive therapy, or HIV) |  |  | Admin or schedule another 3rd dose >= 12 wk of initial 3rd dose >= 5 mon of 1st dose |  |  |  |  |  |
|  | 32 | >= 9 yr | <= 26 yr |  | Y | 1 + 2 + 3 | Interval < 5 mon between 1st and 3rd dose | immunocompromised (with cancer, chemotherapy, congenital immunodeficiency, long-term immunosuppressive therapy, or HIV) |  |  | Admin or schedule another 3rd dose >= 12 wk of initial 3rd dose >= 5 mon of 1st dose |  |  |  |  |  |
|  | 33 | >= 9 yr | <= 26 yr |  | Y | 1 + 2 + 3 | Interval < 4 wk between 1st and 2nd dose | immunocompromised (with cancer, chemotherapy, congenital immunodeficiency, long-term immunosuppressive therapy, or HIV) |  |  | Admin or schedule another 2nd dose >= 4 wk of 1st dose | Schedule another 3rd dose >= 12 wk of new 2nd dose AND >= 5 mon of 1st dose |  |  |  |  |
| **Contraindications and precautions** | | | | | | | | | | | | | | | | |
|  | 34 |  |  |  |  |  |  | A severe allergic reaction (e.g., anaphylaxis) after a previous dose or a vaccine component |  |  | **Do not admin or schedule** |  |  |  | Allergic reaction or history, no vaccination recommended | Contraindication |
|  | 35 |  |  |  |  |  |  | Moderate or severe acute illness with or without fever |  |  | Only admin if benefits outweigh risks for an adverse reaction |  |  |  |  | Precaution |