# Polio CDC recommendations- tabular CDSS rules (optimal)

Updated on 2024-05-01

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| **Vaccine** | **#** | **Age1** | **Age2** | **SpecialCondition** | **Immunization record** | | | **MedIndication1** | **MedIndication2** | **MedIndication3** | **Todo1** | **Todo2** | **Todo3** | **Todo4** | **Note-display** | **Note** |
| **Inactivated poliovirus (IPV)** |  |  |  |  | **Y/N** | **Dose** | **Adm date** |  |  |  |  |  |  |  |  | **Minimal age: 6 wks; max age: 18 yrs** |
| **Regular and catch-up without prior vaccination records** | | | | | | | | | | | | | | | | |
|  | 1 | = 2 mon |  |  | N + No IPV |  |  |  |  |  | Admin 1st does | Schedule 2nd dose at age of 4 mon | Schedule 3rd dose at age of (>=6 mon AND <= 18 mon) | Schedule 4th dose at age of (>= 4 yrs AND <= 6 yrs) AND >= 6 mon from 3rd dose |  |  |
|  | 2 | >= 4 mon | <= 6 yrs |  | N + No IPV |  |  |  |  |  | Admin 1st dose | Schedule 2nd dose = 4 wks from 1st dose | Schedule 3rd dose (= 4 wks from 2nd dose if age < 4 yrs) OR (= 6 mon if age > 4 yrs) | Schedule 4th dose if (age >= 4 yrs AND = 6 mon from 3rd dose AND 3rd dose was administered < 4 yrs) |  |  |
|  | 3 | >= 7 yrs | < 18 yrs |  | N + No IPV |  |  |  |  |  | Admin 1st dose | Schedule 2nd dose = 4 wks from 1st dose | Schedule 3rd dose >= 6 mon from 2nd dose | Schedule 4th dose if (3rd dose was administered < 4 yrs of age OR 3rd dose was administered < 6 mon from 2nd dose) |  | A fourth dose of IPV is indicated if all previous doses were administered at < 4 years or if the third dose was administered < 6 months after the second dose. |
|  | 4 | >= 18 yrs |  |  | N + No IPV |  |  |  |  |  |  |  |  |  | IPV is not routinely recommended to US Residents |  |
| **Regular and catch-up with prior vaccination records** | | | | | | | | | | | | | | | | |
|  | 5 | >= 4 Mon | < 6 Mon |  | Y | 1st dose | <4 wks |  |  |  | Schedule 2nd dose at age of (between >= 4 Mon & < 6 Mon) & >= 4 wks from 1st dose | Schedule 3rd dose at age (between >= 6 Mon and < 19 Mon) AND >= 4 wks from 2nd dose | Schedule 4th dose at age >= 4 yrs AND >= 6 mon from 3rd dose |  |  |  |
|  | 6 | >= 6 Mon | <4 yrs |  | Y | 1st dose | >= 4 wks |  |  |  | Admin 2nd dose | Schedule 3rd dose >=4 wks from 2nd dose when age at < 4 yrs | Schedule 4th dose at age >= 4 yrs AND >= 6 mon from 3rd dose |  |  |  |
|  | 7 | >= 24 wks | < 4 yrs |  | Y | 1 | >= 4 wks |  |  |  | Admin 2nd dose | Schedule 3rd dose >= 6 mon when age >= 4 yrs |  |  |  |  |
|  | 8 | >=24 wks | <4 yrs |  | Y | 1st dose | < 4 wks |  |  |  | Schedule 2nd dose >= 4wks from 1st dose | Schedule 3rd dose >=4 wks from 2nd dose when age at < 4 yrs | Schedule 4th dose at age >= 4 yrs AND >= 6 mon from 3rd dose |  |  |  |
|  | 9 | >= 24 wks | < 4 yrs |  | Y | 1 | < 4 wks |  |  |  | Schedule 2nd dose >= 4wks from 1st dose | Schedule 3rd dose >= 6 mon when age >= 4 yrs |  |  |  |  |
|  | 10 | >= 4 yrs | <18 yrs |  | Y | 1st dose | >= 4 wks |  |  |  | Admin 2nd dose | Schedule 3rd dose > 24 wks from 2nd dose |  |  |  |  |
|  | 11 | >= 4yrs | <18 yrs |  | Y | 1st dose | < 4 wks |  |  |  | Schedule 2nd dose >= 4 wks from 1st dose | Schedule 3rd dose > 24 wks from 2nd dose |  |  |  |  |
|  | 12 | >=8 wks | < 24 wks |  | Y | 1+2 | >= 4 wks interval and >=4 wks from 2nd dose |  |  |  | Admin 3rd dose | Schedule 4th dose >= 24 wks from 3rd dose & at age of >= 4 yrs |  |  |  |  |
|  | 13 | >=8 wks | < 24 wks |  | Y | 1+2 | >= 4 wks interval and < 4 wks from 2nd dose |  |  |  | Schedule 3rd dose >= 4 wks from 2nd dose | Schedule 4th dose >= 24 wks from 3rd dose & at age of >= 4 yrs |  |  |  |  |
|  | 14 | >=24 wks | <76 wks |  | Y | 1+2 | >=4 wks interval & >=4 wks from 2nd dose |  |  |  | Admin 3rd dose | Schedule 4th dose at age of (between >= 4yrs & <6 yrs) & >=6 mon from 3rd dose |  |  |  |  |
|  | 15 | >=24 wks | <76 wks |  | Y | 1+2 | >=4 wks interval & < 4 wks from 2nd dose |  |  |  | Schedule 3rd dose at age of ( between >=24 wks & < 76 wks) & >= 4wks from 2nd dose | Schedule 4th dose at age of (between >= 4yrs & <6 yrs) & >=6 mon from 3rd dose |  |  |  |  |
|  | 16 | >=76 wks | <4 yrs |  | Y | 1+2 | >=4 wks interval & >=4 wks from 2nd dose |  |  |  | Admin 3rd dose | Schedule 4th dose when age >= 4 yrs & >= 6mon from 3rd dose |  |  |  |  |
|  | 17 | >=76 wks | <4 yrs |  | Y | 1+2 | >=4 wks interval & < 4 wks from 2nd dose |  |  |  | Schedule 3rd dose >= 4 wks from 2nd dose if age < 4 yrs | Schedule 4th dose when age >= 4 yrs & >= 6mon from 3rd dose |  |  |  |  |
|  | 18 | >= 76 wks | < 4 yrs |  | Y | 1+2 | >= 4 wks intervals & < 4 wks from 2nd dose |  |  |  | Schedule 3rd dose >= 6 mon from 2nd dose if age >= 4 yrs |  |  |  |  |  |
|  | 19 | >= 4 yrs | < 18 yrs |  | Y | 1+2 | >= 4 wks interval and >= 24 wks from 2nd dose |  |  |  | Admin 3rd dose |  |  |  |  |  |
|  | 20 | >= 4 yrs | < 18 yrs |  | Y | 1+2 | >= 4 wks interval & < 24 wks |  |  |  | Schedule 3rd dose and >= 24 wks from 2nd dose |  |  |  |  |  |
|  | 21 | <4 yrs |  |  | Y | 1+2+3 | >=4 wks interval between 2nd & 3rd & >=24 wks from 3rd dose |  |  |  | Schedule 4th dose when age >= 4 yrs |  |  |  |  |  |
|  | 22 | <4 yrs |  |  | Y | 1+2+3 | >=4 wks interval between 2nd & 3rd & < 24 wks from 3rd dose |  |  |  | Schedule 4th dose >= 24 wks from 3rd dose & at age of >= 4 yrs |  |  |  |  |  |
|  | 23 | >=4 yrs | <=6 yrs |  | Y | 1+2+3 | >=4 wks interval between 2nd & 3rd & 3rd dose was administered when age < 4 yrs & >=24 wks from 3rd dose |  |  |  | Admin 4th dose |  |  |  |  |  |
|  | 24 | >=4 yrs | <=6 yrs |  | Y | 1+2+3 | >=4 wks interval between 2nd & 3rd & 3rd dose was administered when age < 4 yrs & <24 wks from 3rd dose |  |  |  | Schedule 4th dose at age of (between >=4 yrs & <= 6 yrs) & >=24 wks from 3rd dose |  |  |  |  |  |
|  | 25 | >=6 yrs | <18 yrs |  | Y | 1+2+3 | <24 wks between 2nd and 3rd |  |  |  | Admin 4th dose >= 24 wks from 3rd dose |  |  |  |  |  |
|  | 26 | <4 yrs |  | A combination vaccine containing IPV is used | Y | 1+2+3+4 | All administered < 4 yrs |  |  |  | Schedule another dose >= 24 wks from the last dose & at age of >= 4 yrs |  |  |  |  |  |
|  | 27 | >= 4 yrs | < 18 yrs | A combination vaccine containing IPV is used | Y | 1+2+3+4 | All administered < 4 yrs |  |  |  | Administer another dose when age >= 4 yrs AND >= 6 Mon from prior dose |  |  |  |  |  |
| Contraindications and precautions | | | | | | | | | | | | | | | | |
|  | 28 |  |  |  |  |  |  | Pregnancy |  |  | Regular or catch up only if the benefit of protection outweighs the risk of adverse reaction |  |  |  |  | Precaution |
|  | 29 |  |  |  |  |  |  | Moderate or severe acute illness with or without fever |  |  | Regular or catch up only if the benefit of protection outweighs the risk of adverse reaction |  |  |  |  | Precaution |
|  | 30 |  |  |  |  |  |  | Severe allergic reaction (e.g., anaphylaxis) after a previous dose or to a vaccine component |  |  | **DO NOT Administer** |  |  |  |  | Contraindication |
| Special condition: for persons travel to a polio-endemic region or during a polio outbreak | | | | | | | | | | | | | | | | |
|  | 31 | <6 wks |  |  | N |  |  |  |  |  | Schedule 1st does when >=6 wks |  |  |  |  |  |
|  | 32 | >=6 wks | <24 wks |  | N |  |  |  |  |  | Admin 1st dose | Schedule 2nd dose >=4wks |  |  |  |  |
|  | 33 | >=6 wks | <24 wks |  | Y | 1 | >=4 wks |  |  |  | Admin 2nd dose | Schedule 3rd dose >=4wks |  |  |  |  |
|  | 34 | >=6 wks | <24 wks |  | Y | 1 | < 4 wks |  |  |  | Schedule 2nd dose when >= 4wks from prior dose |  |  |  |  |  |
|  | 35 | >=6 wks | < 24 wks |  | Y | 1+2 | >=4 wks interval & >=4 wks |  |  |  | Admin 3rd dose | Schedule 4th dose at age >=4 yrs & >=6 mon from prior dose |  |  |  |  |
|  | 36 | >=6 wks | <24 wks |  | Y | 1+2 | >=4 wks interval & <4 wks |  |  |  | Schedule 3rd dose >=4 wks from prior dose |  |  |  |  |  |
| Oral polio vaccine (tOPV): OPV-IPV or OPV-only | | | | | | | | | | | | | | | | |
|  | 37 | <=4yrs |  |  | Y | 1+2+3+4 | >24 wks from the last dose |  |  |  | Schedule IPV when age at >= 4 yrs |  |  |  |  |  |
|  | 38 | <=4yrs |  |  | Y | 1+2+3+4 | <24wks from the last dose |  |  |  | Schedule IPV when age at >= 4yrs & >= 24 wks from previous dose |  |  |  |  |  |
|  | 39 |  |  | OPV only or OPV-IPV mix |  |  |  |  |  |  | Follow the regular or catch-up schedule |  |  |  |  |  |
|  | 40 |  |  |  |  |  | tOPV administered before April 1, 2016 |  |  |  | Can be counted and follow regular or catch-up schedule |  |  |  |  |  |
|  | 41 |  |  |  |  |  | OPV administered after April 1, 2016 |  |  |  | It cannot be counted in the USA vaccination schedule |  |  |  |  |  |