

# Specifications for Hepatitis B Vaccine

## Hepatitis B vaccine schedule

The routine childhood series calls for three doses of Hepatitis B vaccine.

### Scheduling of doses for medically acceptable standards

- Hepatitis B dose one given at age 0 months.
  - Minimum age: birth.
- Hepatitis B dose two given at age 1-2 months.
  - Minimum interval between first and second doses is 4 weeks.
- Hepatitis B dose three given at age 6-18 months.
  - Minimum age: 24 weeks.
  - Minimum interval between second and third doses is 8 weeks.
  - Minimum interval between first and third dose is 16 weeks.
  - When four doses are given, substitute dose four for dose three in the above minimum age and intervals.

### Catch-up vaccination schedule through age 18

- Three-dose series following the minimum ages and intervals between doses.
- Minimum interval between dose one and two is 4 weeks.
- Minimum age for third dose is 24 weeks.
- Minimum interval between second and third dose is 8 weeks.
- Minimum interval between first and third dose is 16 weeks.
- A two-dose catch-up schedule of the adult formulation of Recombivax HB® (10mcg) can be given to adolescents ages 11-15 years. The doses must be separated by at least 4 months.

### Practical implementation for kindergarten through 12<sup>th</sup> grade

- Kindergarten through 12<sup>th</sup> grade: three doses.
- A two-dose catch-up schedule can be given to adolescents ages 11-15 years. Only the adult Recombivax HB (10 mcg) vaccine can be used for this two-dose schedule in this age timeframe.

### Vaccines valid for the hepatitis B vaccine series

MIIC vaccine ID	Generic name	Trade name	CPT code	CVX code
29	HepA-HepB Adult	VAQTA HepA-HepB	90636	104
29	HepA-HepB Adult	Twinrix	90636	104
30	HepB	HepB	90731	45
31	HepB-Adult	Recombivax HB Adult	90746	43
31	HepB-Adult	Engerix-B Adult	90746	43
31	HepB-Adult	HepB Adult	90746	43
33	HepB-Hib	Comvax	90748	51
34	HepB-Peds	Recombivax HB Peds	90744	08
34	HepB-Peds	Engerix-B Peds	90744	08

## SPECIFICATIONS FOR HEPATITIS B VACCINES

MIIC vaccine ID	Generic name	Trade name	CPT code	CVX code
71	HepB	NA	90745	42
82	HepB, unspecified formulation	NA	90731	45
101	HepB adolescent – 2 dose	Recombivax HB 2-dose	90743	43
111	DTaP/Polio/Hep B	Pediarix	90723	110
176	DTaP-IPV-Hib-HepB	Vaxelis	90697	146
177	DTP, Hib conjugate, hepatitis b vaccine	NA	NA	102
183	DTaP-IPV-Hib-HepB, Historical	NA	NA	132
241	Hep B, adjuvanted	Hepislav-B	90739	189
247	HepA-HepB (peds) (non-US)	NA	NA	193
260	DTP-hepB-HIB Pent Non-US	DTP-hepB-HIB Pent Non-US	NA	198
359	HepB recombinant, AL(OH) <sub>3</sub>	Prehevbrio	90759	220

### Notes

Combination vaccines (Pediarix and Vaxelis) provide an extra dose of hepatitis B vaccine, normally given at four months. This dose is allowable, but does not substitute for the final hepatitis B dose as the minimum age for the final dose is 24 weeks (6 months).

### Four-day grace period

CDC allows for a four-day grace period for all minimum ages and intervals of the hepatitis B schedule. Doses that are given within the four days prior to a minimum age or interval can still be counted as valid doses. For example, if a person receives their third dose of hepatitis B vaccine 54 days after their second dose, the third dose can still be counted as valid even though it was less than 56 days (8 weeks) after the second dose.

### References

1. [CDC: Child and Adolescent Immunization Schedule \(www.cdc.gov/vaccines/schedules/hcp/imz/child-adolescent.html\)](http://www.cdc.gov/vaccines/schedules/hcp/imz/child-adolescent.html)
2. [CDC: Timing and Spacing of Immunobiologics \(www.cdc.gov/vaccines/hcp/acip-recs/general-recs/timing.html\)](http://www.cdc.gov/vaccines/hcp/acip-recs/general-recs/timing.html)
3. [CDC: Catch-up Immunization Schedule for Children and Adolescents Who Start Late or Who Are More than 1 Month Behind \(www.cdc.gov/vaccines/schedules/hcp/imz/catchup.html\)](http://www.cdc.gov/vaccines/schedules/hcp/imz/catchup.html)

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