

Common Codes for Merck Vaccines, Products, and Administration

Below is a list of CPT[®],^a CVX^b, MVX^b, and ICD-10-CM^c codes that may be relevant for Merck products and administration. CPT codes are effective as of January 2019 as set forth in the Current Procedural Terminology 2019, and ICD-10-CM codes are effective for dates of service on or after October 1, 2018 as set forth in the International Classification of Diseases, Tenth Revision, Clinical Modification. Plan coding requirements may vary, so it is important to check with each payer as to payer-specific requirements. For claim submission procedures regarding government programs (eg, Medicare or Medicaid), contact the appropriate program representative.

The information provided here is not intended to be conclusive or exhaustive. You are solely responsible for determining the appropriate codes and for any action you take in billing. Diagnosis codes should be selected only by a health care professional. Merck makes no warranties or guarantees, expressed or implied, concerning the accuracy or appropriateness of this information for any particular use.

The use of this information does not guarantee payment or that any payment received will cover your costs.

CVX and MVX Codes

CVX codes are codes that indicate the product used in a vaccination. They are maintained by the Centers for Disease Control and Prevention (CDC), Immunization Information System Support Branch (IISB) for use in HL7 data transmission. MVX codes are codes that indicate the manufacturer of a vaccine. When an MVX code is paired with a CVX (vaccine administered) code, the immunization can be resolved to a trade name (the proprietary name of the product). These codes may be used to record individual immunization history in one or more electronic systems, such as:

- Electronic Health Records (EHR)
- Electronic Medical Records (EMR)

ICD-10-CM Codes (Diagnosis Codes)

Merck has provided these codes as a reference. Coding requirements may vary by insurer or plan.

When billing, you will also need to provide an appropriate diagnosis code. Below are commonly used diagnosis codes that may apply to private payer reimbursement for the relevant product CPT Code. Diagnosis codes may be utilized or mandated by payers to describe the disease for which the vaccination is administered. Consult the ICD-10-CM manual for a description of each code to determine the appropriateness of a particular code and for information on additional codes.

Product	CPT Code ^{1,a}	CVX Code ^{2,b}	MVX Code ^{2,b}	ICD-10-CM Code Effective October 1, 2018 ^{3,c}
GARDASIL [®] 9 (Human Papillomavirus 9-valent Vaccine, Recombinant)	90651	165	MSD	Z23
M-M-R [®] II (Measles, Mumps, and Rubella Virus Vaccine Live)	90707	03	MSD	Z23
PedvaxHIB [®] [Haemophilus b Conjugate Vaccine (Meningococcal Protein Conjugate)]	90647	49	MSD	Z23
PNEUMOVAX [®] 23 (Pneumococcal Vaccine Polyvalent)	90732	33	MSD	Z23
ProQuad [®] (Measles, Mumps, Rubella, and Varicella Virus Vaccine Live)	90710	94	MSD	Z23

Product	CPT Code ^{1,a}	CVX Code ^{2,b}	MVX Code ^{2,b}	ICD-10-CM Code Effective October 1, 2018 ^{3,c}
RECOMBIVAX HB® [Hepatitis B Vaccine (Recombinant)]	90740 - Dialysis or immunosuppressed patient dosage, 3-dose	44	MSD	Z23
	90743 - Adolescent using adult formulation, 2-dose	43	MSD	
	90744 - Pediatric/adolescent dosage, 3-dose	08	MSD	
	90746 - Adult dosage	43	MSD	
	90747 - Dialysis or immunosuppressed patient dosage, 4-dose	44	MSD	
RotaTeq® (Rotavirus Vaccine, Live, Oral, Pentavalent)	90680	116	MSD	Z23

Product	CPT Code ^{4,a}	CVX Code ^{2,b}	MVX Code ^{2,b}	ICD-10-CM Code Effective October 1, 2018 ^{3,c}
VAQTA® (Hepatitis A Vaccine, Inactivated) Suspension for Intramuscular Injection	90632 - Adult dosage	52	MSD	Z23
	90633 - Pediatric/Adolescent 2-dose	83	MSD	
VARIVAX® (Varicella Virus Vaccine Live)	90716	21	MSD	Z23
ZOSTAVAX® (Zoster Vaccine Live)	90736	121	MSD	Z23

ADMINISTRATION CODES

CPT Code ^{1,a}	
90460	Product administration through 18 years of age via any route of administration, with counseling by physician or other qualified health care professional; first or only component of each product or toxoid component administered (Do not report with 90471 or 90473)
+90461	Product administration through 18 years of age via any route of administration, with counseling by physician or other qualified health care professional; each additional product or toxoid component administered
90471	Product administration, one injection (Do not report with 90460 or 90473)
+90472	Product administration, each additional injection
90473	Product administration by intranasal/oral route; one product (Do not report with 90460 or 90471)
+90474	Product administration by intranasal/oral route; each additional product

+Denotes add-on code. Report code only with appropriate primary procedure. The American Academy of Pediatrics coding table states that offices should report 90461 with 90460 only and report 90472 and 90473 in addition to 90460 or 90471 or 90473.

^a CPT = Current Procedural Terminology. CPT © 2019 American Medical Association. All Rights Reserved. CPT is a registered trademark of the American Medical Association. CPT codes are effective as of January 2019.

^b Immunization Information Systems (IIS): HL7 Standard Code Set Mapping product names to CVX and MVX. <https://www2a.cdc.gov/vaccines/iis/iisstandards/vaccines.asp?rpt=tradenam>.

^c ICD-10-CM = International Classification of Diseases, Tenth Revision, Clinical Modification.

References: 1. American Academy of Pediatrics (AAP). Commonly administered pediatric vaccines. https://www.aap.org/enus/Documents/coding_vaccine_coding_table.pdf. Accessed July 2, 2019. 2. Centers for Disease Control and Prevention (CDC). IIS: HL7 Standard code set mapping product names to CVX and MVX. <https://www2a.cdc.gov/vaccines/iis/iisstandards/vaccines.asp?rpt=tradenam>. Reviewed June 25, 2019. Accessed July 10, 2019. 3. International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM). <http://www.cdc.gov/nchs/icd/icd10cm.htm>. Accessed July 2, 2019. 4. Centers for Disease Control and Prevention (CDC). CPT codes mapped to CVX codes. <https://www2a.cdc.gov/vaccines/iis/iisstandards/vaccines.asp?rpt=cpt>. Updated June 25, 2019. Accessed July 9, 2019.