

**Quadrivalent Human Papillomavirus (Types 6, 11, 16, 18)  
Recombinant Vaccine (Preservative Free)**

**Manufacturer:** Merck

**Brand Name:** Gardasil®

**Formulation:** Single dose vials and prefilled single dose syringes

**Dosage:** 0.5 ml

**Storage:** Store at 2° - 8° C (35° - 46° F). **Do Not Freeze**

**Injection site:** Deltoid or Anterolateral area of thigh

**Route:** Intramuscular (IM)

**Needle Size:** 20 to 25 gauge, 1 to 1½ inches

**Indications:** Gardasil® vaccine is indicated by FDA in females 9-26 years of age. ACIP recommends routine vaccination for all females 11-12 years of age.

VFC-eligible females 9 through 18 years of age are entitled to receive VFC vaccine. The advisory committee has noted that the vaccination series can be started as early as 9 years of age at the discretion of the physician or health care provider.

**Schedule: Dosage Intervals**

Dose 1	(Dose 1 to 2)	(Dose 2 to 3)
Elected date	2 months	4 months

**There must be 6 months separating dose 1 and dose 3.**

**Contraindications:**

Anaphylactic reaction following prior dose of Gardasil® vaccine.

Individuals with hypersensitivity, including severe allergic reactions to yeast

Note: Because vaccine recipients may develop syncope, sometimes resulting in falling with injury, observation for 15 minutes after administration is recommended. Syncope, sometimes associated with tonic-clonic movements and other seizure-like activity, has been reported following vaccination with Gardasil®. When syncope is associated with tonic-clonic movements, the activity is usually transient by maintaining a supine or Trendelenburg position.

**Precautions:**

Gardasil® should be used during pregnancy only if clearly needed.

The immunologic response to Gardasil® may be diminished in immunocompromised individuals

It is not known if Gardasil® is secreted through breast milk.

**Reference:** Gardasil vaccine package insert, Merck & Co., Inc. (Updated June 29, 2009)

<http://www.fda.gov/BiologicsBloodVaccines/Vaccines/ApprovedProducts/ucm165145.htm>.

**Additional information regarding syncope following vaccination may be found in the May 2, 2008, issue of the *Morbidity and Mortality Weekly Report* at**

<http://www.cdc.gov/mmwr/preview/mmwrhtml/mm5717a2.htm>.

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