

Vaccine Updates

HPV Vaccine

The Advisory Committee on Immunization Practices (ACIP) and Vaccines for Children Program (VFC) recommend vaccination of all females 11 through 18 years of age. However, current State supply requires a tiered implementation. The Vermont Department of Health Immunization Program, in consultation with the Vermont Immunization Advisory Committee has recommended the following approach: **State supplied HPV vaccine is available for administration ONLY to VFC eligible 11 and 12 year old girls.** With limited funding for vaccine (see table 1 below for estimated costs), two cohorts can be covered. The recommendation from the CDC is that this vaccine be given at age 11 or 12. It is recommended that the vaccine be given prior to onset of sexual activity.

Dosing Information

Recommended 3 dose series

Dose 1 : Elected date

Dose 2 : 2 months after dose #1

Dose 3 : 6 months after dose 1*

Acceptable minimum Intervals:

4 weeks between dose 1 and 2

12 weeks between dose 2 and 3

VFC Eligible Individuals

- Enrolled in Medicaid or Dr. Dynasaur
- Alaskan Native or Native American (self identified)
- Uninsured

* Note: an error was made in letters sent on January 22 regarding state supplied HPV vaccine. It stated that dose 3 was to be given 6 months after dose #2. It should have stated 6 months after dose #1.

Table 1: Cost estimates to supply Vermont Females with 3 doses of HPV vaccine (based on \$360 per person)

Age Group	Number of Females	Cost for Age Group
All 11 & 12 year-olds	7,638	\$2,749,680
25 percent of age 9 & 10 and 13-26	16,992	\$6,117,120
50 percent of age 9 & 10 and 13-26	33,985	\$12,234,600
75 percent of age 9 & 10 and 13-26	50,977	\$18,351,720
100 percent of age 9 & 10 and 13-26	67,969	\$24,468,840

2006 Excellence in Vaccine Coverage

Fifty practices were asked to collaborate with the Department of Health's Immunization Program to assess coverage of the 2 year old children in their practice for 4:3:1:3:3:1. (4 DTaP, 3 Polio, 1 MMR, 3 Hib, 3 Hep B and 1 Varicella). The practices on the next page were found to have 80 percent or more of the 2 year old children up to date for 4:3:1:3:3:1 by 24 months of age. Not an easy feat-well done! Fifty practices will be selected in 2007 for coverage assessments.

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2006 Practices with Excellence in Vaccine Coverage:

Bellows Falls Pediatrics	Middlebury Family Health
Brookside Pediatrics	Newport Pediatrics and Adolescent Medicine
Chester Family Medicine	Pediatric Associates
Family Medicine Associates	Timberlane Pediatrics- Appletree Bay
Green Mountain Pediatrics	University Pediatrics- Burlington
Drs. Peter and Lisa Hogenkamp	

2007 Practices with Excellence in Vaccine Coverage:

Essex Pediatrics	Timberlane Pediatrics-South Burlington
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Adolescent Coverage Rates

Some practices that have reached the goal of over 80 percent for 4:3:1:3:3:1 will be invited to participate in an adolescent coverage assessment. At this time the following vaccines are being assessed: 3 hepatitis B, 2 MMR, 1 Td or Tdap in the past 10 years and varicella vaccine or disease. The first assessment was done at Ryderbrook Pediatrics who has an adolescent coverage rate well above 80 percent. Congratulations!

Vermont Department of Health Practice Site Visits Are:

- mandated by the federal grant that provides all vaccines distributed for use in Vermont Children
- designed to assure quality vaccine storage, management, administration and documentation
- aimed at coverage assessments of 24-35 month old population
- well-received according to satisfaction surveys of participants

Lessons Learned:

1. Practice Immunization Coverage Rates Vary

- Coverage rates varied from 0-90 percent with an average of 50 percent
- Themes have emerged: low varicella coverage, high exemption rates and need for reminder/recall at older than one year of age

2. Billing for Vaccine Administration to Uninsured Children

- Most practices are not aware that if a child is uninsured and the administration fee needs to be paid out of pocket, the maximum amount they can be charged is \$13.86 per injection

3. Use of Vaccine Information Statements (VIS) is Mandated

- A federal mandate requires that individuals are offered VIS at each immunization encounter
- The current VIS publication date must be documented on the patient's record
- VIS are available at www.immunize.org OR from your local Vermont Department of Health office

4. VFC Eligibility Screening is a Federal Mandate

- All patients receiving state-supplied vaccine must have VFC eligibility screening documented every time a vaccine is administered

Thank You

Our thanks to Vermont Providers who work very hard to offer Vermont children preventive services. As we visit provider offices we are continually impressed by the service and care that is provided.