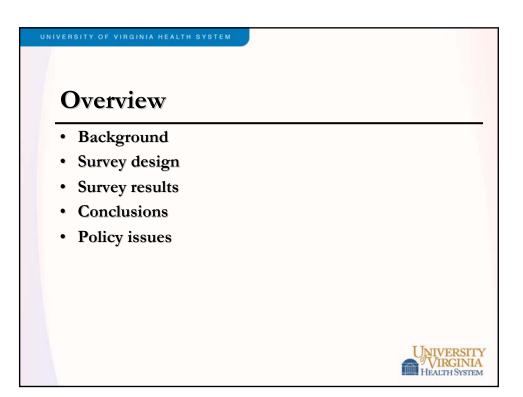
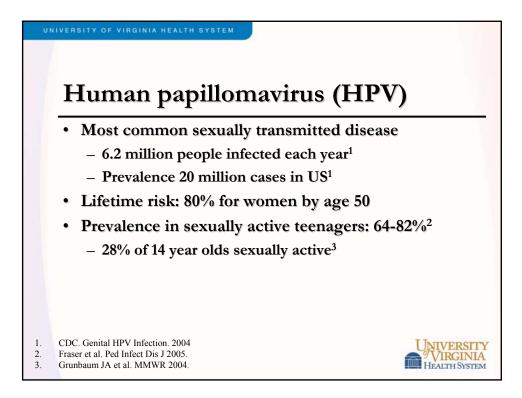
HPV Vaccination of women aged 16-26 in Virginia

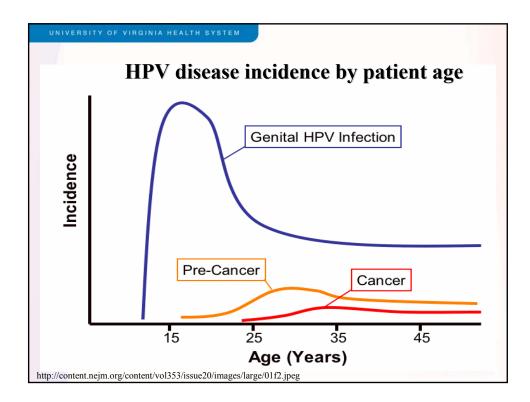
Jennifer L. Young, MD, MPH, Ruth G. Bernheim, JD, MPH, Mark R. Conaway, PhD, Mark H. Stoler, MD, Thomas C. Guterbock, PHD, Laurel W. Rice, MD University of Virginia Health System

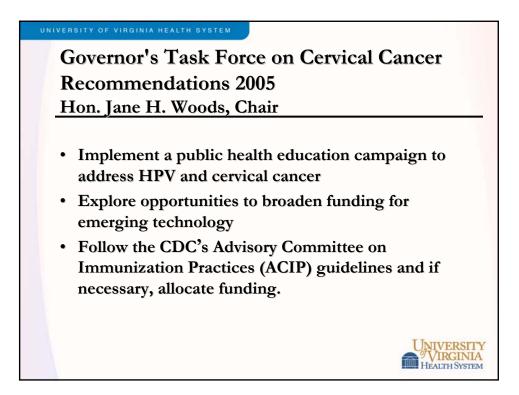
September 19, 2007

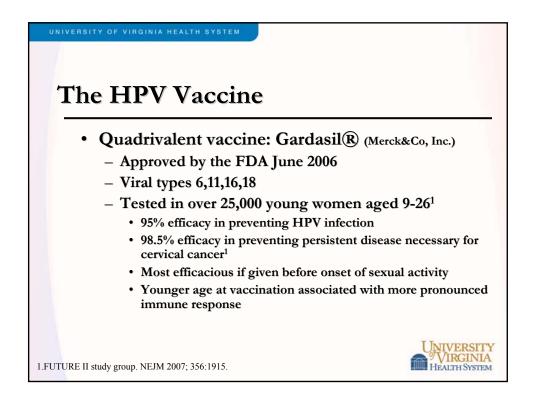
NIVERSITY VIRGINIA Health System

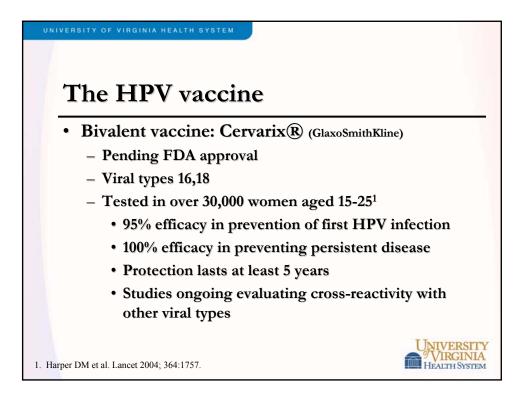


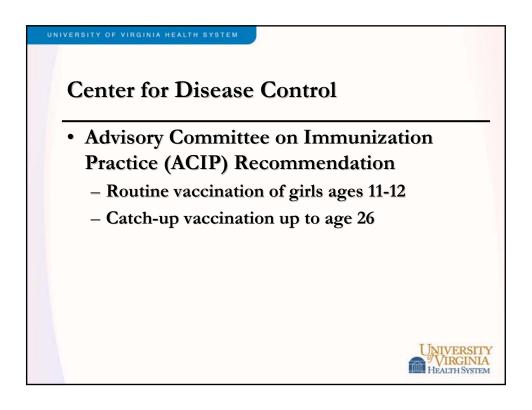








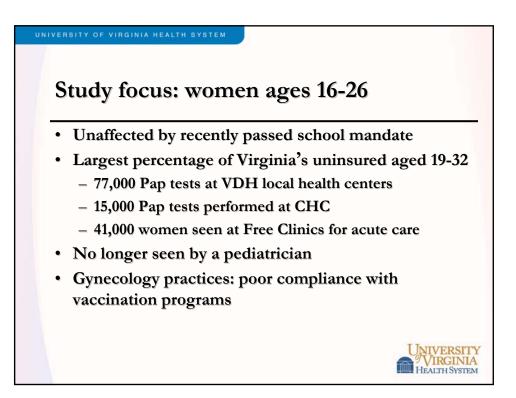


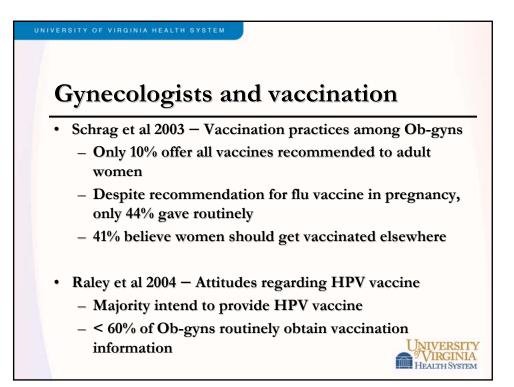


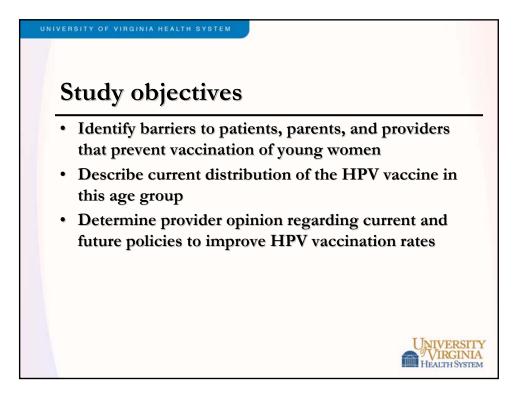
Current Coverage of the HPV vaccine

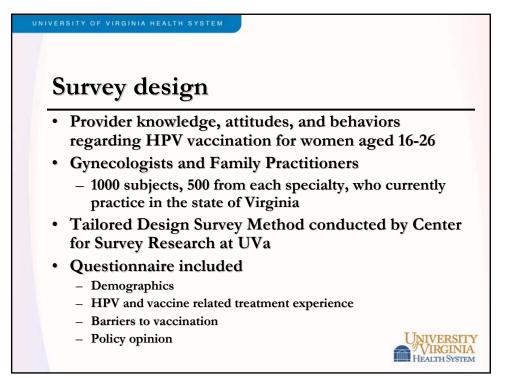
- 3 shot regimen costing \$120/injection or \$360 total
- Coverage ≤ 18 years old
 - Public: Federal Vaccines for Children program for Medicaid qualifiers
 - Private: Most insurance companies cover but age range and reimbursements differ
- Coverage > 18 years old
 - Public: Medicaid coverage of women 18-21 at high risk
 - Private: Most insurance companies cover but age range and reimbursements differ

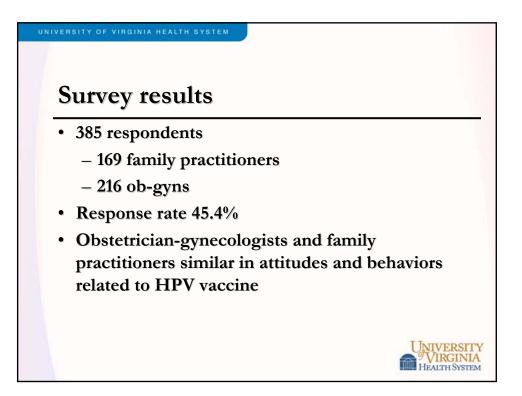
NIVERSITY VIRGINIA HEALTH SYSTEM







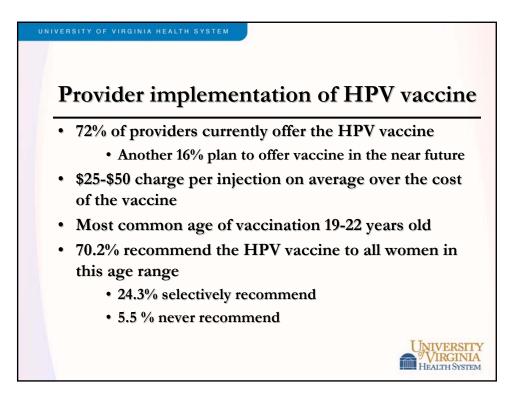


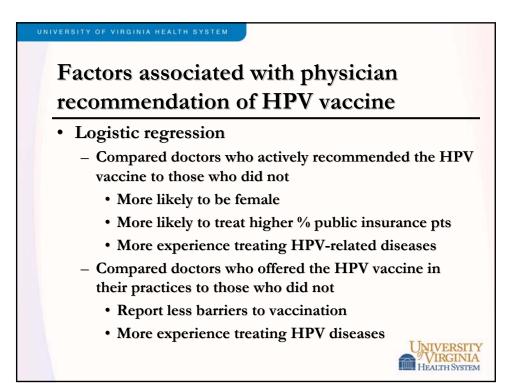


Demographics of providers surveyed

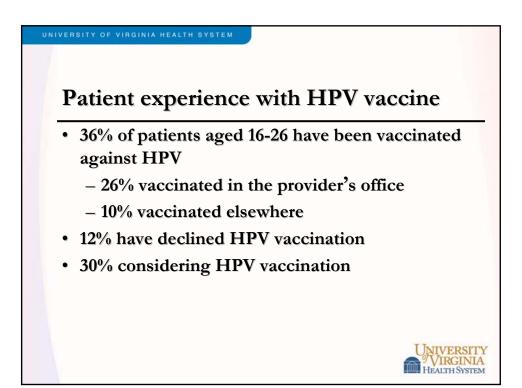
	FP	OB/Gyn	p-value
Age (mean)	49.1	47.9	0.372
Gender (%)			0.815
Male	60.6	61.8	
Female	39.4	38.2	
Years in practice (range)	28.3	16.7	0.114
Location of practice (%)			0.60
Urban	27	16.2	
Suburban	51.5	57.6	
Rural	17.2	22.9	
Other	4.3	3.3	
Practice size (%)			0.269
Solo practice	15.2	10.5	
Small group practice	36	36.7	
Large group practice	37.2	34.8	
Multi-specialty practice	4.3	9.0	UNIVERSIT
Other	7.3	9.0	VIRGINL HEALTH SYSTE

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UNIVERSITY OF VIRGINIA HEALTH SYSTEM		
Prov Identified vac	viders	ers
	Responding	
	lmost always" or "often"	
Inadequate reimbursement	35.7%	
Concern about increased	24.9%	
likelihood of unprotected		
Intercourse if vaccinated		
No vaccine in stock	23.6%	
Lack of time to	19.4%	
adequately discuss		
Concern about earlier age	14.3%	
of sexual initiation if vaccinate	ed	
Lack of patient-oriented	9.6%	
educational materials		
Concern about	4.3%	
vaccine efficacy		
Staff is too busy to vaccinate	4.2%	UNIVERSITY
Concern about	3.1%	VIRGINIA
vaccine safety		HEALTH SYSTEM

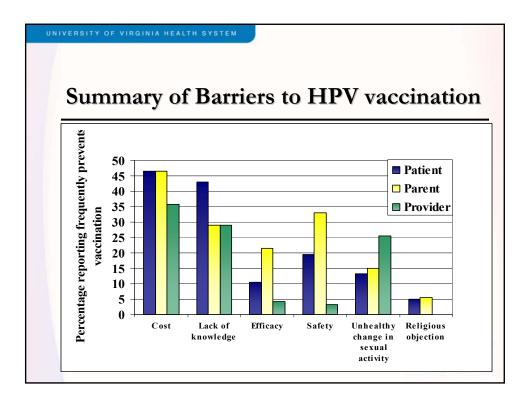


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Patients Identified vaccination barriers

	% Responding "almost always" or "often"
Cost	46.5%
Lacks awareness about HPV infection	43.0%
Concern about vaccine safety	19.4%
Lack of parental consent	11.0%
Concern about vaccine efficacy	10.4%
Stigma associated with an STI	5.4%
Opposes vaccination on	5.1%
religious/moral grounds	UNIVER
	Health S

UNIVERSITY OF VIRGINIA HEALTH SYSTEM		
Pare	ents	
Identified vacci	nation barri	ers
	esponding nost always" or "often"	
Cost	46.9%	
Concerns about vaccine safety	31.5%	
Lacks awareness about HPV infection	29.4%	
Concerns about vaccine efficacy	20.7%	
Concern that vaccination may be tacit approval of sexual intercourse	14.4%	-
Concern that vaccination may increase sexual risk-taking	10.6%	
Stigma associated with an STI	6.6%	IIMUEDEITY
Opposes vaccination on religious/moral grounds	4.2%	VIRGINIA HEALTH SYSTEM



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rovider views on HPV va	accine policio
Policy options	Providers in Favor
Health department vaccination programs	91%
School-based vaccination programs	54%
Mandatory insurance coverage	73%
Mandatory insurance coverage during postpartum care	74%

Provider view on Virginia's school mandate for HPV vaccination

Opinion	Percentage of providers
Strongly favor	37%
Somewhat favor	22.4%
Somewhat oppose	34%
Strongly oppose	0.8%
Other	6.4%

