

	Number of Sexual Partners	SEXUAL EXPOSURE CHART (If every person has only the same number of partners as you)	Number of People Exposed to	
	1	Ť	1	
	2	† † †	3	
	3	††††††	7	
	4	tettetetetet	15	
	5	1+11+1+1+11+1+1+1+1+1+1+1+1+1+1+	31	
	6	***************************************	63	
	7	**************************************	127	
\\\ /	8		255	
///	9		511	
///	10		1023	

Development of Cervical Cancer Cervical cancer usually develops slowly over time The cells of the cervix go through changes known as dysplasia Dysplasia is where abnormal cells begin to appear in the cervical tissue Over time, the abnormal cells may become cancer/malignant cells and start to grow and spread more deeply into the cervix and to surrounding areas.

Cervical Cancer is Caused by a Virus Cervical cancer is caused by a virus, called HPV. HPV stands for Human Papillomavirus. HPV is very common. About eight out of ten women will get HPV by the time they are 50 years old. Most HPV infections clear up on their own. Your body's immune system fights off the virus without you ever being aware that you have the infection.

What is HPV?
❖There are more than 115 different kinds of HPV
❖Some cause genital warts
❖Some invade the cervix
The cervical HPV types, called high risk, are the ones that can cause cervical cancer.

HPV can stay in the body over a long period of time and can cause changes the cervix
 These cervix changes can take a long time, usually more than one year to up to ten years.
 When these changes are small, they can be removed before any serious problems start.
 If the changes are not treated, they can grow and may become cancer.
 A Pap test shows these changes

What are the Symptoms of HPV?

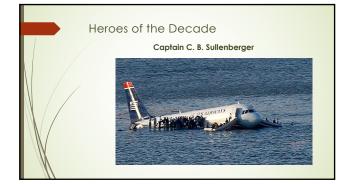
In the early stages of infection, HPV usually does not have any signs or symptoms.

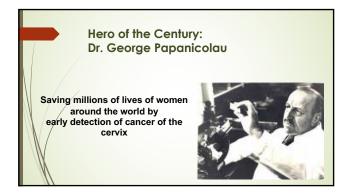
When symptoms do show up, it has most likely already grown into invasive cancer.

The only way to tell if you have the early stages of HPV infection is Pap tests/HPV typing

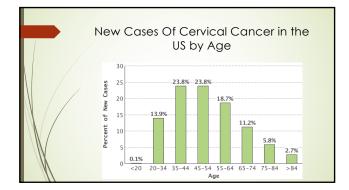
Early changes can be treated before they turn into cancer.

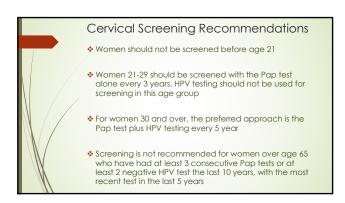
Pap Tests and HPV typing A Pap test is used to find cell changes or abnormal cells in the cervix. The Pap test is a very good test for finding cancer cells and cells that might become cancer. Human papilloma virus (HPV) can cause cervix cell changes. The HPV test checks for the virus, not cell changes. The test can be done at the same time as the Pap test, with the same swab or a second swab









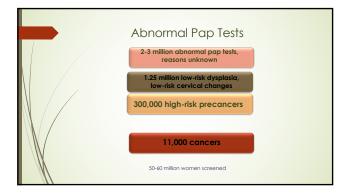


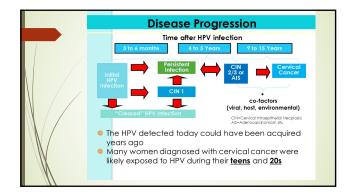
HPV in Pregnancy The types of HPV that can cause cervical cancer have not been found to cause problems for babies. You can get pregnant if you have an HPV infection. Treatment for an abnormal Pap result during pregnancy may be deferred until you are no longer pregnant.

The bad news is there are women who are not being screened for cervical cancer

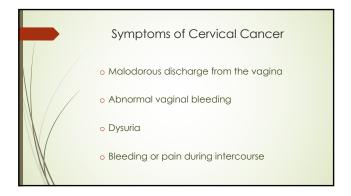
1/10 women aged 1-65 have not been screened in the past 5 years

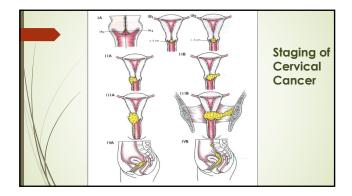
1/ 4 have no health insurance or PCP



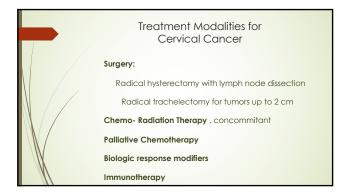


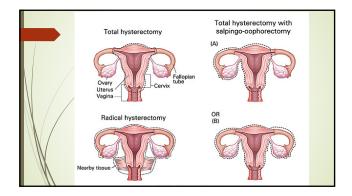
	Age	Pap [†]	High-risk HPV	HPV genotyping	
	Under 21	Not recommended	Not recommended	Not recommended	
	21 - 29	Recommended every 3 years	Recommended to be used as a "reflex test" only when Pap result is ASC-US	Not recommended	
,	30 - 65	Recommended co-testing (using Pap and HPV concurrently) every 5 years (preferred), or cytology alone every 3 years		Option to use as "reflex test" in co-tested patients whose Pap is negative and HPV result is positive	
Over 65	Over 65	Screening should be discontinued if patient has had adequate negative prior screening results [‡] and no history of CIN2+			
\		Recommend continuing age-based screening for ≥20 years in those patients with a history of CIN2, CIN3, or adenocarcinoma <i>in situ</i>			

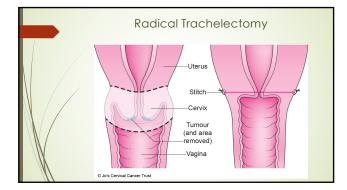


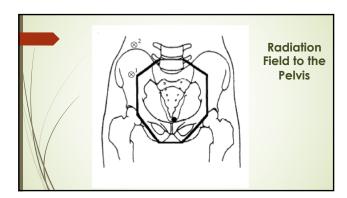






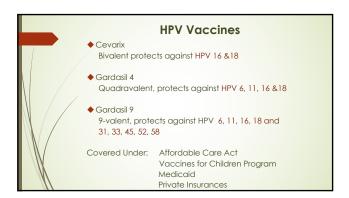




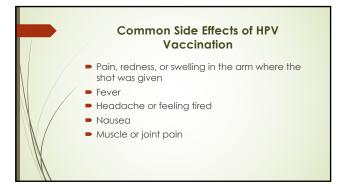


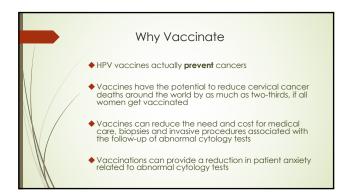






	Bivalent		4-Valent	9-Valent	
	HPV types	16, 18	6, 11, 16, 18	6, 11, 16, 18, 31, 33, 45, 52, 58	
	Approved indication	Prevention of cervical cancer and precancer in females aged 10-25 years	Prevention of cervical, vaginal, vulvar, anal cancers and genital warts in females aged 9-26 years Prevention of genital warts and anal cancer in males aged 9-26 years	Prevention of cervical, vaginal, vulvar, anal cancers and genital warts in females aged 9-26 years Prevention of genital warts and anal cancer in males aged 9-15 years	
	2016 ACIP recommendations	Famales: any of 3 vaccines recommended as routine starting age 11-12 years in a 2-dose series and age 13-26 years as catch-ly affales: 4-valent and 39-valent vaccines recommended as routine vaccination starting age 11-12 years in a 2-dose series and age 13-21 years as catch-up (up to 26 if HeV)-positive or MSM). First dose may be given at age 9 years if instroy of sexual daubies or assault			
	Schedule	If first dose is given at age 14 years or younger, 2 doses should be given over at least 6 months: 2nd dose administered 5-12 months after 1st dose If first dose given at age 15 years or older 3 doses given over at least 24 weeks at 0, 1-2, 6 months - Minimum interval between Dose 2 and 3 is 12 weeks - Minimum interval between Dose 2 and 3 is 12 weeks - Minimum interval between Dose 2 and 3 is 12 weeks			
	Side effects	Injection-site reactions, synco	ne (rere)		





To Help Prevent Cervical Cancer Vaccinate early ACOG guideline Pap tests & HPV testing Use condoms to help prevent HPV

Cervical cancer is a disease in which malignant (cancer) cells form in the tissues of the cervix. Human papillomavirus (HPV) infection is the major risk factor for cervical cancer. There are usually no signs or symptoms of early cervical cancer but it can be detected early with screening tests and exams Signs and symptoms of cervical cancer include vaginal bleeding and pelvic pain. Tests that examine the cervix are used to detect (find) and diagnose cervical cancer. Certain factors affect prognosis (chance of recovery) and treatment options.

