



When to Perform Cervical Cytology

Based on ASCCP 2012 Guidelines

Population	Recommended Screening
<21	None
21-29	PAP every 3 yrs (no HPV)
30-65	PAP & HPV every 5 yrs (or PAP every 3 yrs)
>65	None (following adequate negative prior screening*)
After Hysterectomy	None (without cervix and without Hx of CIN2 or greater)
Hx of CIN2 or greater	Routine screening for 20 years (even after hysterectomy)
HIV+	Twice in the first year after diagnosis, then annually
Immunosuppressed	Annually
DES in utero	Annually
HPV vaccination	Follow age-specific guidelines (same as unvaccinated)

*3 consecutive negative cytology results (or 2 consecutive negative co-tests) within 10 yrs prior to cessation of screening, with the most recent within 5 yrs

Abbreviations

NILM	Negative for intraepithelial lesion and malignancy
ASCUS	Atypical squamous cells of undetermined significance
LSIL	Low-grade squamous intraepithelial lesion
HSIL	High-grade squamous intraepithelial lesion
ASC-H	Atypical squamous cells, cannot rule out high-grade lesion
HPV	Human papillomavirus
EC/TZ	Endocervical/Transformation zone
CIN	Cervical intraepithelial neoplasia
AGC	Atypical glandular cells
ECC	Endocervical curettage
DES	Diethylstilbestrol
EmBx	Endometrial biopsy
Colpo	Colposcopy

Referral Guidelines for Abnormal PAP

Based on ASCCP 2013 Algorithms

Cytology Results	Age	Recommendations
Unsatisfactory	Any	Repeat PAP 2-4 months <u>OR</u> if ≥ 30 and HPV+, may colpo
NILM, EC/TZ insufficient	21-29	Routine screening
	≥ 30	If HPV-, routine screening
		If HPV+, PAP & HPV in 1 yr. <u>OR</u> HPV genotype for 16/18
		If HPV unk, HPV testing <u>OR</u> PAP in 3 yrs.
NILM & HPV+	≥ 30	HPV genotype for 16/18 <u>OR</u> repeat PAP & HPV in 1 yr. If repeat PAP \geq ASC or HPV+, colpo
ASCUS, HPV unk	Any	HPV testing <u>OR</u> repeat PAP in 1 yr. If repeat PAP is NILM, routine screening, otherwise colpo
ASCUS, HPV-	21-24	Routine screening
	≥ 25	PAP & HPV in 3 yrs.

Cytology Results	Age	Recommendations
ASCUS, HPV+ or LSIL	21-24	PAP in 1 yr. - If NILM, ASC, or LSIL, repeat PAP again in 1 yr. If 2 nd repeat PAP is \geq ASC, then colpo. Return to routine screening after NILM x 2
	\geq 25	Colpo If pregnant, colpo now (preferred) or at least 6 wks postpartum
LSIL, HPV-	Any	PAP & HPV in 1 yr. (preferred) If NILM, HPV-, repeat PAP & HPV in 3 yrs, otherwise colpo <u>OR</u> immediate colpo
ASC-H or HSIL	Any	Colpo <u>OR</u> If HSIL & \geq 25 & not pregnant, may do immediate LEEP
AGC or Atypical Endocervical Cells	Any	Colpo, ECC, and EmBx if \geq 35 or chronic anovulation or unexplained vaginal bleeding
Atypical Endometrial Cells	Any	ECC and EmBx. Colpo if both negative

Saslow D, et al. ACS, ASCCP, and ASCP screening guidelines for the prevention and early detection of cervical cancer. ©2012

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