Author/Citation	Study Design	Population, Sample Size	Outcome	Summary Points
Maniar KP, et al. Am J Surg Path 2013	Case series	Females: 1 institution, 11 cases of concurrent VIN and condyloma, all cases immunocompromised (HIV or posttransplant)	Details of condyloma and VIN by immunohistochemistry and pathology	<ul> <li>Among the 11 cases of concurrent high-grade VIN and condyloma, the lesions were directly adjacent to one another in 5 cases (with 2 of these demonstrating an intimate admixture of lesions), and in 6 cases the lesions were found in separate tissue sections from the same specimen.</li> <li>The restriction of LRHPV to condyloma and HR HPV to high-grade VIN in adjacent lesions suggests these are independent lesions caused by different HPV types.</li> </ul>
Baydor DE, 2013	Case series	Males: 58 consecutive patients with penile condyloma, immunocompetent	Immunohistochemistry and genotyping of condyloma, pathology	<ul> <li>13 lesions had dysplasia, 50% of these lesions had HR HPV present (none of the non-dysplastic lesions had HR HPV present).</li> <li>There was no clear clinical pattern that differentiated dysplastic from non-dysplastic lesions</li> <li>P16 was negative in most of the dysplastic lesions.</li> </ul>
Blomberg M, JID 2012	Cohort analysis	Danish cohort of 50,000 persons dx with genital warts	Evaluation of SIR for different cancers—link of GW dx to cancer registry, number of cancers compared to that in the general population. Mean f/u in cohort 12-13 years	<ul> <li>Diagnosis of GW was strongly related to anal (SIR for men, 21.5; SIR for women, 7.8), vulvar (SIR, 14.8), vaginal (SIR, 5.9), cervical (SIR, 1.5), penile (SIR, 8.2), and head and neck cancer (SIR, 2.8), including subsites of head and neck cancer with confirmed HPV association (SIR for men, 3.5; SIR for women, 4.8).</li> <li>The highest risk estimate was found for anal cancer in men. On the basis of 29 anal cancers, men with former GW had a SIR of 21.5 (95% CI, 14.4–30.9).</li> </ul>

Massad SL, Obstet Gyn	Multicenter	2,791 HIV-infected and 953	Prevalence and incidence	$\triangleright$	Prevalence of warts was 4.4% (5.3% for HIV-
2011	cohort study	uninfected women followed	of warts, VIN, and		seropositive women and 1.9% for HIV-
	(WIHS)	for up to 13 years	regression of warts		seronegative women, <i>P</i> <.001).
				$\triangleright$	Cumulative incidence of warts was 33% (95%
					confidence interval [CI] 30–36%) in HIV-
					seropositive and 9% (95% CI 6–12%) in HIV-
					seronegative women ( <i>P</i> <.001). Lower CD4
					lymphocyte count, younger age, and current
					smoking were strongly associated with risk for
					incident warts.
				$\triangleright$	Among 501 HIV positive and 43 HIV-negative
					women, warts regressed in 410 (82%)
					seropositive and 41 (95%) seronegative women
					(P02), most in the first year after diagnosis.
					Regression was negatively associated with HIV
					status and lower CD4 count as well as older age.
				≻	Incident VIN of any grade occurred more
					frequently among HIV-seropositive than HIV-
					seronegative women: 0.42 (0.33–0.53)
					compared with 0.07 (0.02–0.18) per 100 person
					years (P<.001). Positivity for VIN 2 was found in
					58 women (55 with and three without HIV,
					<i>P</i> <.001). Two women with HIV developed stage
					IB squamous cell vulvar cancers.
Schlecht HP, CID 2010	Retrospective	319 MSM referred to a single	Evaluation of HGIN or		High-grade intraepithelial neoplasia or
	cohort	university-affiliated surgical	Squamous cell carcinoma		squamous cell cancer in 75 (47%) of 159 HIV-
		practice for ablation of anal	with anal condyloma		seropositive men who have sex with men
		condylomata from May 2002			(MSM) and in 42 (26%) of 160 HIV negative
		through April 2007		~	MISIM with anal condylomata meriting surgery
					Not clear it anal condyloma found in same site
		159 HIV-seropositive subjects			as hgin.
		and 100 HIV-seronegative			
		subjects			
				1	

## **References:**

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