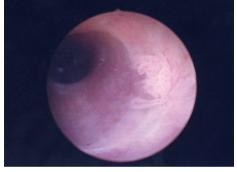
Intra Urethral Human Papillomavirus Related Warts Following Urinary Tract Instrumentation

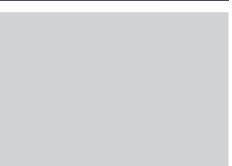
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68 years old man with a history of a G3pT1 transitional cell carcinoma (TCC) with a carcinoma in situ component of his bladder was noted to have intraurethral tumor on follow-up flexible cystoscopy (Figures 1 and 2), with the suspicion of recurrence of his TCC being raised. These lesions were resected via rigid cystoscopy and examined in histopathology, where a diagnosis of papillary squamous warts was made. It subsequently transpired that this patient had a history of condylomata accuminata. He now undergoes cystoscopic surveillance for his TCC as well as intraurethral condylomata accuminata, and has had a laser ablation to recurrent condylomata accuminata.

Cases of condylomata accuminata of the lower urinary tract have previously been documented in literature⁽¹⁾ and causative link between human papillomavirus (HPV) infection and carcinomas of the lower urinary tract have recently been suggested,⁽²⁾ particularly in the younger population.⁽³⁾ Previously, cases involving intravesical condylomata accuminata were described in immunosuppressed patients. ⁽⁴⁾ We suggest routinely including enquiry full genitourinary history when considering a diagnosis of urothelial carcinoma, particularly in a young patient.

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REFERENCES

- Guo CC, Fine SW, Epstein JI. Noninvasive squamous lesions in the urinary bladder: a clinicopathologic analysis of 29 cases. Am J Surg Pathol. 2006;30:883-91.
- 2. Kawaguchi S, Shigehara K, Sasagawa T, et al. A case study of human papillomavirus-associated bladder carcinoma developing after urethral condyloma acuminatum. Jpn J Clin Oncol. 2012;42:455-8.
- Alonso FV, Campos RB, Sanz IP, et al. Conservative management of unusual keratinising squamous metaplasia of the bladder in a 28-year-old female and overview of the literature. Case Rep Urol. 2012;2012:940269.
- Chrisofos M, Skolarikos A, Lazaris A, Bogris S, Deliveliotis Ch. HPV 16/18-associated condyloma acuminatum of the urinary bladder: first international report and review of literature. Int J STD AIDS. 2004;15:836-8.