

"VILLUS TUMOR AND RUPTURE OF THE BLADDER."*

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The two cases discussed in this paper are so rare that a physician may practice for twenty years and never see either, yet both conditions are among the most serious the surgeon is called upon to treat. Tumors of the bladder, though rare, are somewhat commoner than is supposed, since they give symptoms which are often mistaken for other diseases and, consequently, may be overlooked. It is not the intention of this paper to take up the pathology of the various forms or to discuss the diagnosis at any length more than to give the facts and enough of the symptoms to warrant the operation which was performed. Briefly, more than 50% of these tumors are malignant and next comes, in frequency, the villus papilloma which is often multiple, either sessile or pedunculated and from the size of a marble to an orange. Bleeding is nearly always profuse from the loose floating papillae of the growth, in fact, hemorrhage from the bladder is alarming. Even after removal they are said to recur in the majority of the cases and hence may be classed more with the malignant than with the benign tumors.

Mr. A. M. was a man 55 years old; by occupation a gardener; born in Suffolk, Eng. Family history negative. He admitted age and gonorrhea twenty years previously.

In 1903 patient noticed blood in the urine on two occasions, but suffered no pain or other symptoms referable to the bladder.

In 1905 the bleeding recurred and lasted a week.

In January, 1907, he experienced a similar attack lasting the same length of time. A physician passed a sound which caused no pain or increase of bleeding, and the patient felt perfectly well during the intervals.

In October, 1907, the hemorrhage started again, and, with the exception of two intervals of a week each, kept up till February, 1908. The same physician again passed a sound without pain, but with a copious flow of bright red blood.

In February of last year patient consulted Dr. S. Agar, of Chatham, who wrote me concerning the case. "From the appearance of the urine and some shreds of tissue which came away,"

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