

Epithelioma, slow and restricted in growth, may exist several years before presenting a tumour sufficiently dense to be recognized by palpation or by sounding. In malignant disease pain is soon a more or less constant symptom, and some hemorrhage is liable to appear, increasing at a later date ; it is thus distinguished from papilloma, which is rarely recognizable by the rectum, or even by the sound, manifests its presence first by hemorrhage, often at an early date, and is rarely painful until quite the later stage of its history. In all the three forms of recurring or malignant growths, microscopic observation may corroborate a diagnosis based on the signs and symptoms mentioned, but cannot by itself establish one.

I shall now offer a brief summary of the results of the operations which I undertook in these 41 cases, of which 34 occurred in male and 7 in female patients.

I. In seven cases (Nos. 1, 20, 29, 31, 34, 36 and 38), there has been no reappearance of symptoms of any kind, three years having elapsed since the most recent, and nearly ten years since the first case of the series. All are living and well except No. 20, who met his death by accident some two years after, but the bladder was examined by his medical attendant after death, and sent up to the museum of University College Hospital, London, where it now is, together with the tumour originally removed ; no trace of reappearance can be found in it. In every case but one the nature of the tumour was papilloma, the exceptional case, No. 20, being probably a myoma. In three cases the growth was removed by forceps through a perineal incision ; in one female case, dilatation of the urethra sufficed ; and in the three remaining cases by suprapubic operation.

II. In fifteen other cases death occurred at different periods, varying between three days and four months after the operation. Ten of these were the subjects of malignant growth of some kind, epithelioma and sarcoma in two or three varieties. Two were papilloma, apparently simple. The rest were myomatous, but containing nuclei which aroused suspicions of a grave character. It is worthy of remark that in five of this series papilloma was also present on the surface, and therefore probably as a secondary product to a more important growth, as myoma or sarcoma.