

**A STUDY OF THE TUMORS
OF THE BLADDER: WITH
ORIGINAL CONTRIBUTIONS
AND DRAWINGS**

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A Study of the Tumors of the Bladder: With Original Contributions and Drawings by Alex. W. Stein

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ALEX. W. STEIN

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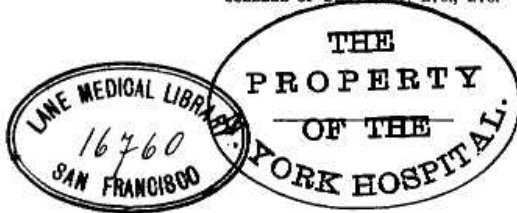
A STUDY
OF THE
TUMORS OF THE BLADDER

With Original Contributions and Drawings

BY

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PREFACE.

Four cases of tumor of the bladder have come under my observation within a few years. Two of these were followed to their fatal termination. Both were instances of primary cancer; in one case the tumor was an encephaloid, in the other it was a vilous epithelioma. Autopsies were fortunately obtained in both cases, the specimens were preserved and carefully examined microscopically by Carl Heitzmann, M.D., to whom also I am indebted for the drawings which accompany the histories of the cases herein recorded. The other two cases, both male, were only temporarily under observation; in one, the diagnosis was clearly made by physical examination and then the patient disappeared; in the other, the tumor was not made out by the touch, but the frequent micturition, blood-tinged urine, extreme tenderness of a certain portion of the bladder to the contact of instruments, together with the occasional escape with the urine of flocculent fleshy particles, left little doubt as to the existence of a vesical growth. With this personal experience I began an inquiry as to the exact status of the literature upon tumors of the bladder. Although our subject required considerable research, having to seek chiefly in medical journals

for the information desired, the field explored proved full of interest and replete with valuable information. I have endeavored to make this monograph as complete as possible in every practical detail bearing on the nature, symptomatology, diagnosis, and treatment of the disease of which it treats, and trust that it may prove of some value as a contribution to the surgery of the bladder.

ALEX. W. STEIN.

30 West Fifteenth Street,
Nov., 1881.

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BIBLIOGRAPHY.

1747. Warner. Polypus. Cases in Surgery, 4th edition, 1784;
and Philosophical Transactions, 1790.
1797. Baillie. Polypus. Morbid Anatomy.
1800. Walter. Polypus. Medico-Chir. Trans., vol. 41.
1817. Langstaff. Cancer. Medico-Chir. Trans., vol. 8.
1822. Bingham. Cancer. Diseases of Bladder.
1823. Le Cat. Fungus. Howship, Urinary Organs.
1830. Dessault. Polypus, Villous. Chopart, Maladies des Voies
Urinaires, 2 vols.
1834. Pleininger. Papilloma. Württemberg Med. Corr. Blatt, No.
23.
Civiale. Gaz. de Méd., Paris, No. 52.
1835. Crosse. Polypi. Formation, etc., Urinary Calculi.
1836. Springall. Villous. Guy's Hosp. Rep., series 1, vol. 1.
1838. Hutchison. Fungoid. Med.-Chir. Rev., vol. vi.
- Willis. Pendulous Growth. Urinary Diseases, London.
1839. Langstaff. Fungus. Med.-Chir. Rev., vol. iii.
- Mendalgo. Cancer. Giornal di Venezia, Maggio, Junio.
1842. Barlow. Fungus. Guy's Hosp. Rep., series 1, vol. vii.
- Warner, by Douglass. Villous. Lon. Med. Gaz., February.
- Douglass. Tumor. " " " "
- Howship, by Douglass. " " " "
- Civiale. Maladies des Org. Genito-Urinaires.
1843. Contini. Cancer. Annal. Med. Chir. del Metaxa, vol. 9.
1845. Theinemann. Polypus. Amer. Journ. Med. Sc., July.
- Vache. Polypi. L'Experience, No. 327, October.
1846. Bulley. Fungus. London Times, August 1st.
1847. Bentley, for Kingdon. Carcinoma. Trans. Path. Soc.,
London, vol. 1.