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CARCINOMA OF THE BILE PAPILLA.

by Oskar Klotz

Governor's Fellow in Pathology,

McGill University, Montreal.

Although cases of cancer of the bile papilla have been accumulating fairly rapidly in literature, the affection must still be considered of somewhat unusual occurrence. Moreover as each case presents certain features of its own, especially regarding its epithelial origin, I considered it a sufficiently interesting and profitable study to record the following two cases.

Before passing on, I wish to express my indebtedness to Dr. Martin and Dr. Bell, under whose service the patients were admitted to the Royal Victoria Hospital, for their permission and use of the clinical notes, and to Dr. Adami for the protocols of the post-mortem examinations.

CASE I.—V. R., male, æt 62, was admitted to the Royal Victoria Hospital under Dr. Martin, January 3rd, 1903. Patient was born in England and came to Canada at the age of 48. He worked as a mason until six years ago; since then he has been a gardener. There was a history of specific disease at the age of 18, and also a history of alcoholism. Family history was negative.

Present Illness.—On July 1st, 1902, patient noticed some enlargement of the abdomen, which went on until December, when he had some pain over the liver, accompanied by constipation. By January he was somewhat jaundiced. He had not worked for unree weeks previous to admission to hospital, and during this time food caused some nausea and vomiting. Patient noticed that the stools were foul and "like putty." For the last two months the urine has been dark coloured and in this time he estimated he had lost twenty-five pounds.

Condition on admission.-The patient was somewhat emaciated, the muscles were small, the skin markedly jaundiced and dry. His intel-

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