TUMORS OF THE LARGE BOWEL



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Volume VIII in the Series

MAJOR PROBLEMS IN CLINICAL SURGERY

J. ENGLEBERT DUNPHY, M.D. Consulting Editor

W. B. Saunders Company, Philadelphia, London, Toronto

W. B. Saunders Company: West Washington Square

West Washington Square Philadelphia, Pa. 19105

12 Dyott Street London W.C.1

1835 Yonge Street Toronto 7, Ontario

Reprinted July, 1969

Tumors of the Large Bowel

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Foreword

Neoplasms of the large intestine have become one of the most common tumors encountered in patients in the Western World. The clinical manifestations of these lesions vary from silent anemia to overt bleeding or obstruction. Moreover, clinical management varies, depending upon location, size, and nature of the tumor. Recent advances in our understanding of the nature of polyps in carcinoma has introduced additional variables to be considered in the care of the patient.

In this volume Drs. Jackman and Beahrs have drawn on the vast experience of the Mayo Clinic to set in perspective a modern approach to the care of the patient with a tumor or polyp of the large intestine. Their experience and recommendations will be of interest to all surgeons working in this field. Residents, proctologists, colon and rectal surgeons, as well as general surgeons, will find this volume to be of daily practical value.

J. ENGLEBERT DUNPHY, M.D.

Preface

By far the most common site of occurrence of tumors of the entire gastrointestinal tract is the large intestine. The authors are well aware that many aspects of the nature, significance and treatment of these tumors are matters of controversy. What, for instance, is the role of the polyp of the large bowel in the development of cancer? When does ulcerative colitis become a surgical problem? What is the best treatment for familial multiple polyposis: complete proctocolectomy and ileostomy, or colectomy with ileosigmoidostomy and preservation of the terminal segment? The purpose of this treatise is to present the authors' views on these and many other debatable questions germane to the broad subject.

This monograph is divided into 5 sections, principally for the convenience of the authors in organizing the contents, but also for ease of assimilation on the part of the reader. Sections 1, 2, 3, and 5 were prepared by one of us (Jackman), whose main field of endeavor for the past 30 years has been the diagnosis and treatment of anorectal lesions. Section 4, which has to do chiefly with the surgical management of lesions of the large bowel, was prepared by the co-author (Beahrs), whose field is general surgery with a particular emphasis on surgery of the large bowel.

In almost all technical problems there are often several ways of reaching the same goal, and whenever more than one author is involved in contributing to a given treatise there is bound to be some disparity of opinion as to the best procedure to follow in certain conditions in which the optimal treatment might be considered equivocal. Although the authors are in general agreement in all major considerations, one of the most desirable and in truth provocative features of this work is the fact that some differences of opinion do exist and have been set forth; some alternative measures, depending upon the situation at hand, have been presented without either diffidence or contention. Because of this, which we consider

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PREFACE

altogether beneficial, the reader will notice many cross-references in the text.

We are grateful to many of our colleagues at the Mayo Clinic in the Section of Medical Illustration, the Section of Surgical Pathology, the Section of Diagnostic Roentgenology, the Section of Photography and the Section of Publications, for assistance given to us in the preparation of this work.

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Introduction

This volume is divided into 5 rather indistinct sections: (1) exhibit of color photographs, (2) polyps of the large intestine, (3) benign and malignant tumors of the colon and rectum, (4) surgical procedures on the large bowel, and (5) premalignant and malignant lesions of the anus.

We use the word "indistinct" because the reader should keep in mind the point that there is no clear-cut distinction between polyps and carcinomas. At one extreme is the unquestionable benign lesion; at the other extreme is the definitely malignant neoplasm. Between these two poles is a vast or transitional conglomeration of lesions which exhibit various degrees of malignancy and benignancy.

RAYMOND J. JACKMAN, M.D.

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