

**PANCREATIC
DISEASE**
Diagnosis and Therapy

Editor

Thomas L. Dent, M.D.

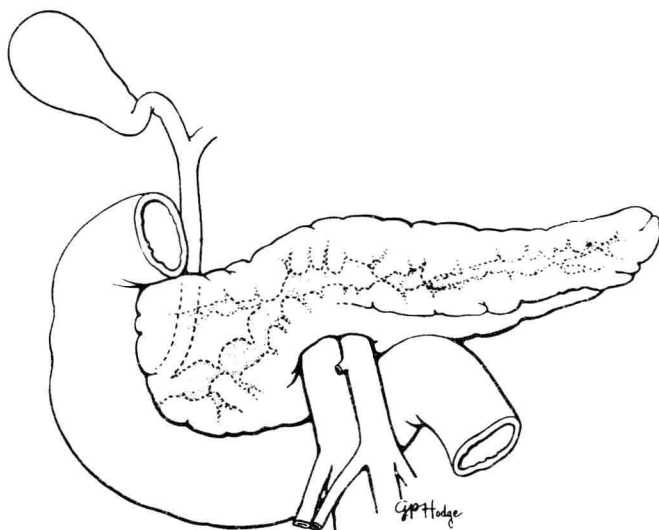
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Compiled from the manuscripts of papers presented at a multidisciplinary symposium on Pancreatic Disease: Modern Approach to Diagnosis and Therapy held at the University of Michigan under the auspices of the Departments of General Surgery and Postgraduate Medicine and Health Professions Education.

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Preface

In the past, surgeons regarded the pancreas as an organ to be avoided—an organ sequestered in the posterior recesses of the abdomen, viewed mainly as a source of surgical complications. Surgical and medical curiosity, innovation, and experience have rendered this concept obsolete. Gastroenterologists and radiologists now routinely film and biopsy the pancreas and probe its ducts for diagnosis. Surgeons regularly mobilize, resect, and even transplant this organ once regarded as an enigma and a surgical no-man's-land. The pancreas, today, is probably subjected to more surgical manipulations than any other solid organ in the body.

The pancreas is also one of the body's physiological and metabolic wonders. Estimated blood flow to its endocrine tissue is 1500 ml/min/gm, and the rate of protein synthesis therein is one of the most active identified thus far. Clinicians are pressed to remain informed of the new peptides, hormones, and enzymes that are identified each year. No wonder that interest in this organ now extends to investigators and clinicians in many disciplines, including our colleagues in dermatology who are studying the effects of glucagon on skin, and those in psychiatry who are explaining the psychosomatic ills associated with APUDomas.

This text concentrates on the more common diagnostic and therapeutic modalities available for treating pancreatic disease. The material presented should be of interest not only to surgeons but also to radiologists, gastroenterologists, general internists, and family practitioners. The indications for and limitations of the new diagnostic modalities, such as CT scanning and needle aspiration, are reviewed by clinicians with an extensive personal experience with these techniques. Experts from throughout the United States explore thoroughly the man-

agement of acute and chronic pancreatitis, including its many complications. The last portion of this text focuses on neoplasia of the pancreas and includes chapters on definitive and palliative therapy for carcinoma and on the diagnosis and management of the several endocrinopathies known to originate in pancreatic islet tissue.

This text is the second in the series organized by the University of Michigan's Department of Surgery, Section of General Surgery. It is a compilation of manuscripts authored by faculty of the postgraduate symposium on diseases of the pancreas presented at the university in the spring of 1981. We are grateful to the contributors—especially our guest faculty—and to our publisher, Grune & Stratton, who have made the rapid preparation and publication of this text possible. Special thanks are due to Thomas L. Dent, Aaron I. Vinik, and Frederic E. Eckhauser and to our Editorial Associate, Jeanne Tashian. They have provided the driving force, both for the planning of our postgraduate symposium and for the assembling and editing of this text. Lastly, a special note of gratitude is extended to Astrid Herbert for her invaluable assistance in many areas of the production of this book. The combined efforts of these many individuals have resulted in a current, comprehensive, and authoritative review of the pathogenesis and management of diseases of the pancreas.

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PART I

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