

*Modern Concepts in  
Gastroenterology  
Volume 2*

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# Modern Concepts in Gastroenterology Volume 2

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*This work is dedicated to  
Beryl, Andrea, Emily, and Ali  
and to  
Jeannette, James, Matthew,  
Jessica, and Benjamin*

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# Foreword

Once again the gastroenterologists of northwestern Canada have come out with a series of essays advancing important modern concepts. As indefatigable as ever, they bring together the latest in clinical–pathophysiological considerations for the clinician. The topics run the gamut from the lovely liver to HIV infection, from the pathophysiology of bile flow to comments on antigens in colorectal cancer.

It is always easy to publish a first volume, for enthusiasm is high and everyone is anxious to win a place. Bringing out a second volume, the carrying forward of a good idea, is so much harder. In many ways this second volume in the series marks the coming of age of Canadian gastroenterology, as 11 of the 21 contributors currently reside in Canada. Still, the contributions from the United Kingdom and the United States make this an Anglo-American festival.

Reading the chapters will make you appreciate the care with which the contributors have garnered recent references to give up-to-date practical information for us all. I enjoyed all that I read.

My congratulations to Drs. Shaffer and Thomson for a job well done.

Howard M. Spiro, M.D.

*New Haven, Connecticut*



# Preface

This book is based on papers presented at the third symposium on Recent Advances in Gastroenterology held by the Canadian Association of Gastroenterology. The proposed audience for this volume is the internist and the general surgeon, as well as those in the specialties of gastroenterology and hepatology. In addition, this publication will be of use and benefit to senior medical residents preparing for subspecialty examinations in internal medicine, general surgery, and gastroenterology.

The rate of change of medical practice and the growth of its scientific and information base are intimidating. This is particularly true of gastroenterology, which has major specialty divisions of its own. Through the generous support of Glaxo Canada Ltd., and with the organizational assistance of the Royal College of Physicians and Surgeons of Canada, the Canadian Association of Gastroenterology is pleased to undertake its commitment to the advancement of science and the improvement in the care of patients with diseases of the gastrointestinal tract. We are fortunate in having a distinguished group of contributors from North America and Europe. Their subjects are diverse, important, and topical.

It gives us special pleasure to acknowledge the considerable assistance from Glaxo Canada, and the support of Dr. Geoffrey Houlton, Vice President of Medical Affairs.

We would also like to express our appreciation to Mr. Frank M. Sabatino of Glaxo Canada for his enthusiastic support of this project.

Alan B. R. Thomson  
Eldon A. Shaffer

*Edmonton and Calgary*

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