

# YEAR BOOK<sup>®</sup>

## YEAR BOOK OF MEDICINE<sup>®</sup> 1991

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1991

# The Year Book of MEDICINE®

**Editors**

**David E. Rogers, M.D.**

**Roger M. Des Prez, M.D.**

**Martin J. Cline, M.D.**

**Eugene Braunwald, M.D.**

**Norton J. Greenberger, M.D.**

**Robert D. Utiger, M.D.**

**Franklin H. Epstein, M.D.**

**Stephen E. Malawista, M.D.**



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Walsh McDermott University Professor of Medicine, New York  
Hospital-Cornell University Medical Center, New York

### ***The Chest***

#### **Roger M. Des Prez, M.D.**

Professor of Medicine, Vanderbilt University School of Medicine; Chief of  
Medical Services, Veterans Administration Hospital, Nashville

### ***Hematology and Oncology***

#### **Martin J. Cline, M.D.**

The Bowyer Professor of Medical Oncology, Department of Medicine,  
University of California School of Medicine, Los Angeles

### ***The Heart and Cardiovascular Disease***

#### **Eugene Braunwald, M.D.**

Hersey Professor of Theory and Practice of Medicine, Harvard Medical  
School; Chairman, Department of Medicine, Brigham and Women's Hospital,  
Boston

### ***The Digestive System***

#### **Norton J. Greenberger, M.D.**

Peter T. Bohan Professor and Chairman, Department of Internal Medicine,  
University of Kansas Medical Center, Kansas City

### ***Endocrinology and Metabolism***

#### **Robert D. Utiger, M.D.**

Clinical Professor of Medicine, Harvard Medical School, Boston

### ***Kidney, Water, and Electrolytes***

#### **Franklin H. Epstein, M.D.**

William Applebaum Professor of Medicine, Harvard Medical School;  
Director, Renal Unit, Beth Israel Hospital, Boston

### ***Rheumatology***

#### **Stephen E. Malawista, M.D.**

Professor of Medicine, Department of Internal Medicine, Yale University  
School of Medicine, New Haven



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## Journals Represented

Mosby-Year Book subscribes to and surveys nearly 850 U.S. and foreign medical and allied health journals. From these journals, the Editors select the articles to be abstracted. Journals represented in this YEAR BOOK are listed below.

Acta Endocrinologica  
American Journal of Cardiology  
American Journal of Hematology  
American Journal of Hypertension  
American Journal of Kidney Diseases  
American Journal of Medicine  
American Journal of Nephrology  
American Journal of Obstetrics and Gynecology  
American Journal of the Medical Sciences  
American Review of Respiratory Disease  
American Surgeon  
Annals of Internal Medicine  
Annals of Rheumatic Diseases  
Annals of Surgery  
Annals of Thoracic Surgery  
Archives of Emergency Medicine  
Archives of Internal Medicine  
Archives of Surgery  
Arthritis and Rheumatism  
Australian and New Zealand Journal of Medicine  
Blood  
British Heart Journal  
British Journal of Cancer  
British Journal of Haematology  
British Journal of Surgery  
British Medical Journal  
Cancer  
Catheterization and Cardiovascular Diagnosis  
Chest  
Circulation  
Clinical Endocrinology  
Clinical Nephrology  
Clinical Science  
Diabetes Care  
Diabetologia  
Endocrinology  
European Journal of Haematology  
European Journal of Nuclear Medicine  
Gastroenterology  
Gut  
Gynecologic Oncology  
Hepatology  
Human Pathology  
Hypertension  
Infection Control and Hospital Epidemiology  
International Journal of Cancer  
International Journal of Radiation, Oncology, Biology, and Physics  
Israel Journal of Medical Sciences



Journal of Allergy and Clinical Immunology  
Journal of Clinical Endocrinology and Metabolism  
Journal of Clinical Investigation  
Journal of Clinical Microbiology  
Journal of Clinical Oncology  
Journal of Hypertension  
Journal of Infectious Diseases  
Journal of Internal Medicine  
Journal of Investigative Dermatology  
Journal of Neurosurgery  
Journal of Pediatrics  
Journal of Rheumatology  
Journal of Thoracic and Cardiovascular Surgery  
Journal of Trauma  
Journal of the American College of Cardiology  
Journal of the American Geriatrics Society  
Journal of the American Medical Association  
Journal of the National Cancer Institute  
Kidney International  
Klinische Wochenschrift  
Lancet  
Mayo Clinic Proceedings  
Medicine  
Medicine and Science in Sports and Exercise  
Nephrology Dialysis Transplantation  
Nephron  
New England Journal of Medicine  
Obstetrics and Gynecology  
Pace  
Pharmacotherapy  
Postgraduate Medical Journal  
Quarterly Journal of Medicine  
Radiology  
Reviews of Infectious Diseases  
Thorax  
Transplantation  
Vox Sanguinis

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STANDARD ABBREVIATIONS

The following terms are abbreviated in this edition: acquired immunodeficiency syndrome (AIDS), the central nervous system (CNS), cerebrospinal fluid (CSF), computed tomography (CT), electrocardiography (ECG), and human immunodeficiency virus (HIV).

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## Publisher's Preface

After 20 years of outstanding contribution to the YEAR BOOK OF MEDICINE, Roger M. Des Prez, M.D., will be retiring from the YEAR BOOK's Board of Editors with the completion of this edition.

During Dr. Des Prez's tenure as Editor of "The Chest" section, readers have been treated to both perceptive literature selections and comprehensive, insightful commentary of the highest caliber. We extend our deepest appreciation for the service he has provided and for his unending support and enthusiasm for the YEAR BOOK.

In his introduction to both his first and final YEAR BOOK volumes (the 1972 and 1991 editions), Dr. Des Prez writes, with incredible modesty, of the "privilege" of Editorship and his gratefulness for "such good luck."

We are grateful for *our* good fortune and the privilege of having had the opportunity to work with Dr. Des Prez over these many years. He will be missed by the staff of Mosby—Year Book, Inc., and we wish him the very best in all his future endeavors.

Beginning with the 1992 YEAR BOOK, Roger C. Bone, M.D., Professor and Chairman of Medicine at Rush Presbyterian-St. Luke's Medical Center, will edit the Chest section. We welcome Dr. Bone as we extend our heartfelt thanks and appreciation to Dr. Des Prez for his years of excellent service.

With this 1991 Edition, we also wish to welcome Robert D. Utiger, M.D., as Editor of the "Endocrinology and Metabolism" section of the YEAR BOOK. Deputy Editor of *The New England Journal of Medicine* and Clinical Professor of Medicine at Harvard Medical School, Dr. Utiger has done an outstanding job with this first edition. We sincerely appreciate his contribution and look forward to his continuing participation on the YEAR BOOK's Board of Editors.

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# Table of Contents

Journals Represented . . . . .	x
Publisher's Preface . . . . .	xiii
 Part One—Infectious Diseases . . . . .	 1
Introduction . . . . .	3
1. AIDS . . . . .	5
2. NOSOCOMIAL INFECTIONS . . . . .	17
3. STAPHYLOCOCCAL INFECTIONS . . . . .	23
4. ENTERIC INFECTIONS . . . . .	29
5. MENINGITIS . . . . .	35
6. VIRAL INFECTIONS . . . . .	39
7. VIRAL HEPATITIS . . . . .	45
8. ANTIBIOTIC THERAPY . . . . .	53
9. FUNGAL INFECTIONS . . . . .	59
10. MISCELLANEOUS . . . . .	63
 Part Two—The Chest . . . . .	 71
Introduction . . . . .	73
11. ASTHMA . . . . .	75
12. CHRONIC OBSTRUCTIVE PULMONARY DISEASE . . . . .	95
13. SLEEP APNEA HYPERSOMNOLENCE SYNDROME . . . . .	105
14. LUNG CANCER . . . . .	123
15. INTERSTITIAL LUNG DISEASE . . . . .	139
16. PULMONARY EMBOLISM AND PULMONARY HYPERTENSION . . . . .	159
17. MYCOBACTERIA . . . . .	179
18. ACQUIRED IMMUNODEFICIENCY SYNDROME . . . . .	203
19. MISCELLANEOUS . . . . .	213
 Part Three—Hematology and Oncology . . . . .	 223
Introduction . . . . .	225
20. RED CELLS, WHITE CELLS, AND PLATELETS . . . . .	227
21. LYMPHOMAS AND MULTIPLE MYELOMA . . . . .	245
22. LEUKEMIA . . . . .	261
23. CANCER TREATMENT . . . . .	283
 Part Four—The Heart and Cardiovascular Disease . . . . .	 299
24. RISK FACTORS FOR CORONARY ARTERY DISEASE . . . . .	301
25. ACUTE MYOCARDIAL INFARCTION . . . . .	313
26. CHRONIC CORONARY ARTERY DISEASE . . . . .	333

27. VALVULAR HEART DISEASE. . . . .	359
28. CONGESTIVE HEART FAILURE. . . . .	371
29. ARRHYTHMIAS . . . . .	377
30. OTHER TOPICS . . . . .	383

<b>Advances in the Epidemiology, Diagnosis, and Intervention of Alcohol and Drugs, by ANDERSON SPICKARD, JR., M.D. . . . .</b>	<b>391</b>
--	------------

<b>Part Five—The Digestive System. . . . .</b>	<b>409</b>
--	------------

Introduction . . . . .	411
31. ESOPHAGUS . . . . .	413
32. STOMACH . . . . .	423
33. SMALL BOWEL . . . . .	439
34. COLON . . . . .	451
35. LIVER . . . . .	461
36. BILIARY TRACT. . . . .	487
37. PANCREAS . . . . .	491

<b>Part Six—Endocrinology and Metabolism . . . . .</b>	<b>497</b>
--	------------

Introduction. . . . .	499
38. THE PITUITARY GLAND . . . . .	501
39. HORMONES AND WATER AND ELECTROLYTE METABOLISM . . . . .	517
40. THE THYROID GLAND . . . . .	523
41. THE ADRENAL GLANDS . . . . .	539
42. THE GONADS . . . . .	547
43. THE PARATHYROID GLANDS AND BONE . . . . .	555
44. CARBOHYDRATE METABOLISM . . . . .	565
45. OBESITY AND LIPID METABOLISM . . . . .	583

<b>Part Seven—Kidney, Water, and Electrolytes . . . . .</b>	<b>589</b>
---	------------

Introduction. . . . .	591
46. GLOMERULAR DISEASES . . . . .	593
47. OTHER DISEASES OF THE KIDNEY . . . . .	605
48. ACUTE RENAL FAILURE . . . . .	615
49. CHRONIC RENAL FAILURE . . . . .	623
50. HYPERTENSION . . . . .	627
51. TRANSPLANTATION . . . . .	639
52. DIALYSIS. . . . .	647
53. WATER AND ELECTROLYTES . . . . .	657
54. CALCIUM, PHOSPHORUS, BONES, AND STONES . . . . .	665

Part Eight—Rheumatology . . . . .	673
55. RHEUMATOID ARTHRITIS. . . . .	675
56. SYSTEMIC LUPUS ERYTHEMATOSUS. . . . .	689
57. SPONDYLOARTHROPATHY AND REACTIVE ARTHRITIS. . . . .	701
58. SCLEROSING SYNDROMES . . . . .	705
59. CRYSTAL-ASSOCIATED ARTHRITIS . . . . .	711
60. VASCULITIS . . . . .	713
61. INFECTIOUS ARTHRITIS. . . . .	719
62. OTHER TOPICS . . . . .	723
Cumulative Subject Index . . . . .	731
Author Index . . . . .	847

**PART ONE**  
**INFECTIOUS DISEASES**

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DAVID E. ROGERS, M.D.





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## Introduction

This year my Vanderbilt colleagues, Dr. William Schaffner and Dr. Allen Kaiser, have not only done the lion's share of this work for which I always take the credit, they even put our section to bed in my absence! At the deadline I was in Africa, learning about AIDS firsthand. So, to my sorrow, I have missed our wonderful yearly intellectual feast and I am the poorer for it.

It startles me nowadays to realize that I've been doctoring for more than 48 years. I cannot conceive of having another career. It has been all that I hoped it might be. During those years I have witnessed my share of profound human tragedy and suffering, and those experiences have shaped me. But, my encounters with those who have AIDS and progressive HIV infection have been different than any I've had heretofore, and they seem to weigh more heavily on me. I *hate* this disease and what it does to people with a passion. Never before have I found a malady so relentless and unforgiving, and never before have I found it so hard to relieve the suffering, both physical and emotional of those afflicted.

The speed with which sophisticated science-based knowledge has been marshalled regarding this unwanted visitor has been absolutely breathtaking. It has more than justified what we have invested in biomedical research since the 1950s. But, I also understand the anger and despair of those who wish us to move even faster. Although their rage has often been aimed at inappropriate targets, it has dramatized the urgency of the need to mute or turn aside this disease that now promises us a catastrophe of cataclysmic world proportions. I have said elsewhere that AIDS has put a spotlight on many of the things we don't do well in our world society. We have trouble tolerating those who are different. We have trouble designing flexible systems of care that are swiftly responsive to changing patient needs. We have trouble creating simple human support services that include shelter, food, or friendly nonjudgmental attention to one another. We need to feel more comfortable about spending for human infrastructures that build and support people—not midgets.

I see some signs—some encouraging signs—that AIDS is making us think about such things. Clearly, superb science contains the ultimate hope: a really good antiretroviral drug and a wondrously different vaccine. Science will do this, if not next year, then the next, or the next. But, in the interim, to strive for a kinder and gentler world is neither a foolish nor a trivial objective. Anything that can soften the agonies imposed on people by this illness would be welcome.

David E. Rogers, M.D.

