

THE MERCCK MANUAL OF HEALTH & AGING



MARK H. BEERS, MD
EDITOR-IN-CHIEF

THOMAS V. JONES, MD, MPH
EDITOR

MICHAEL BERKWITS, MD, JUSTIN L. KAPLAN, MD, and ROBERT PORTER, MD
ASSISTANT EDITORS

EDITORIAL BOARD

Richard W. Besdine, MD
Robert N. Butler, MD
Marquette L. Cannon-Babb, PharmD
Terry Fulmer, PhD, RN
George T. Grossberg, MD
Lisa P. Gwyther, MSW
Joanne Lynn, MD
John E. Morley, MD, BCh
Michael Wasserman, MD

Published by
MERCK RESEARCH LABORATORIES
Division of
MERCK & CO., INC.
Whitehouse Station, NJ
2004

Editorial and Production Staff

Executive Editor	Keryn A.G. Lane
Senior Staff Writer	Susan T. Schindler
Senior Staff Editors	Debra G. Share
	Susan C. Short
Production Editor	Melody Sadighi
Textbook Operations Manager	Diane C. Zenker
Manager, Electronic Publications	Barbara Amelia Nace
Project Manager	Diane Cosner-Bobrin
Executive Assistant	Jean Perry
Administrative Assistant	Marcia Yarbrough
Designer	Lorraine B. Kilmer
Illustrator	Michael Reingold
Indexer	Susan Thomas, PhD
Publisher	Gary Zelko
Advertising and Promotions Supervisor	Pamela J. Barnes-Paul
Subsidiary Rights Coordinator	Jeanne Nilsen

Library of Congress Control Number 2004102113
ISBN 911910-36-0

Copyright © 2004 by Merck & Co., Inc.

All rights reserved. No part of this book may be reproduced or used in any form or by any means, electronic or mechanical, including photocopying, or by any information storage and retrieval system, without permission in writing from the Publisher. Inquiries should be addressed to The Merck Manuals Department, P.O. Box 4, Merck & Co., West Point, PA 19486.

Printed in the United States of America