

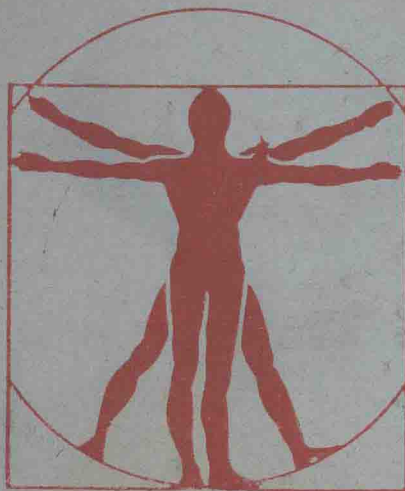
Volume 2

Howell • Fulton • Ruch • Patton

Textbook of PHYSIOLOGY

Circulation, Respiration, Body Fluids,
Metabolism, and Endocrinology

21st Edition



Edited by:

Harry D. Patton, M.D.,
Ph.D., LL.D.

Albert E. Fuchs, Ph.D.

Bertil Hille, Ph.D.

Allen M. Scher, Ph.D.

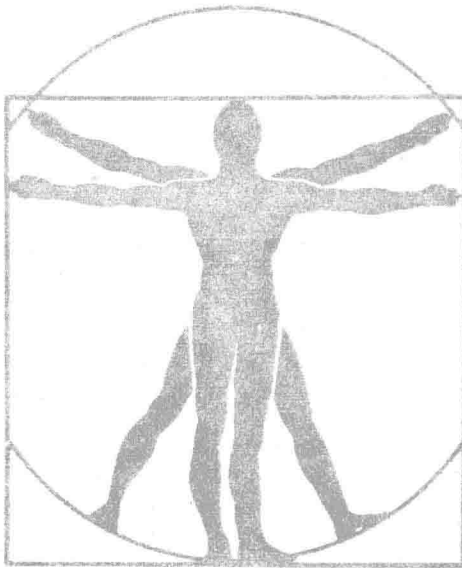
Robert Steiner, Ph.D.

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1989

W.B. SAUNDERS COMPANY

Harcourt Brace Jovanovich, Inc.

Philadelphia • London • Toronto • Montreal • Sydney • Tokyo

W. B. SAUNDERS COMPANY
Harcourt Brace Jovanovich, Inc.

The Curtis Center
Independence Square West
Philadelphia, PA 19106

Library of Congress Cataloging-in-Publication Data

Textbook of physiology.

Rev. ed. of: Physiology and biophysics / Howell-Fulton.
20th ed. 1973-1982.

Includes bibliographies and indexes.

I. Human physiology. I. Patton, Harry D., 1918-
II. Howell, William Henry, 1860-1945. Physiology and
biophysics. [DNLM: 1. Physiology. QT 104 T3553]

QP31.2.T47 1988 612 87-9539

ISBN 0-7216-1990-8 (set)

ISBN 0-7216-2523-1 (v. 1)

ISBN 0-7216-2524-X (v. 2)

Editor: John Dyson

Designer: Karen O'Keefe

Production Manager: Carolyn Naylor

Manuscript Editors: Lorraine Zawodny and Kate Mason

Cover Designer: Michelle Maloney

Illustration Coordinator: Lisa Lambert

Indexer: Ann Cassar

Textbook of Physiology:

Circulation, Respiration, Body Fluids, Metabolism
and Endocrinology—Volume 2

Volume 2 ISBN 0-7216-2524-X
2 Volume Set ISBN 0-7216-1990-8

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Last digit is the print number: 9 8 7 6 5 4 3 2 1

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Preface

The 21st Edition of Howell's *Textbook of Physiology* has been nearly completely rewritten. We provide a text that is introductory but scholarly, one that is clear yet sophisticated enough for the advanced student and teacher. This new edition continues to emphasize the unity of physiology from the molecular to the systems level. It has been divided into two volumes to permit the first volume to be used in courses of neurophysiology. We are deeply indebted to our colleagues, staff, and students for much help in the preparation of this book. We thank the authors for their insightful chapters, and we are particularly grateful to Helen Halsey and Marj Domenowski for much fine artwork and to Patrick Roberts and Susan Usher for excellent photographs.

THE EDITORS

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