

DICTIONARY of PHARMACY

Dennis B. Worthen
Editor in Chief



standards



patients

professionals



students



PHARMACEUTICAL PRODUCTS PRESS

Pharmaceutical Heritage:
Pharmaceutical Care Through History
Mickey C. Smith, PhD
Dennis B. Worthen, PhD
Senior Editors

*Laboratory on the Nile: A History of the Wellcome Tropical
Research Laboratories* by Patrick F. D'Arcy

America's Botanico-Medical Movements: Vox Populi by Alex
Berman and Michael A. Flannery

*Medicines for the Union Army: The United States Army
Laboratories During the Civil War* by George Winston Smith

*Pharmaceutical Education in the Queen City: 150 years
of Service, 1850-2000* by Michael A. Flannery and Dennis B.
Worthen

American Women Pharmacists: Contributions to the Profession
by Metta Lou Henderson

A History of Nonprescription Product Regulation by W. Steven
Pray

Federal Drug Control: The Evolution of Policy and Practice
edited by Jonathon Erlen and Joseph F. Spillane

*A Social History of Medicines in the Twentieth Century: To Be
Taken Three Times a Day* by John K. Crellin

Pharmacy in World War II by Dennis B. Worthen

*Civil War Pharmacy: A History of Drugs, Drug Supply
and Provision, and Therapeutics for the Union
and Confederacy* by Michael A. Flannery

Dictionary of Pharmacy edited by Dennis B. Worthen

The Rexall Story: A History of Genius and Neglect
by Mickey C. Smith

Dictionary of Pharmacy

Dennis B. Worthen, PhD
Editor in Chief

Julian H. Fincher, PhD
L. Clifton Fuhrman, PhD
Linda L. Krypel, PharmD
Kenneth A. Lawson Jr., PhD
W. Steven Pray, PhD
Jenelle Sobotka, PharmD
Victor D. Warner, PhD
Contributing Editors



Pharmaceutical Products Press®
The Haworth Reference Press®
Imprints of The Haworth Press, Inc.
New York • London • Oxford

Published by

Pharmaceutical Heritage Editions, a series from Pharmaceutical Products Press®, and The Haworth Reference Press®, imprints of The Haworth Press, Inc., 10 Alice Street, Binghamton, NY 13904-1580.

© 2004 by The Haworth Press, Inc. All rights reserved. No part of this work may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying, microfilm, and recording, or by any information storage and retrieval system, without permission in writing from the publisher. Printed in the United States of America.

Cover design by Lora Wiggins.

Library of Congress Cataloging-in-Publication Data

Dictionary of pharmacy / Dennis B. Worthen, editor-in-chief; Julian H. Fincher . . . [et al.], contributing editors.

p. ; cm. — (Pharmaceutical heritage editions)

ISBN 0-7890-2328-8 (soft : alk. paper)

1. Pharmacy—Dictionaries. I. Worthen, Dennis B. II. Series: Pharmaceutical heritage.

[DNLM: 1. Pharmacy—Dictionary—English. 2. Pharmacology—Dictionary—English. QV 13 D55355 2004]

RS51.D482 2004

615'.1'03—dc22

2004001894

To pharmacy students and practicing pharmacists
for their work to ensure positive medication outcomes
in the patients they serve

Dennis B. Worthen, PhD
Editor in Chief

Dictionary of Pharmacy



Pre-publication
REVIEWS,
COMMENTARIES,
EVALUATIONS . . .

"This dictionary offers everything you always wanted to know about pharmacy and medical terms. It is a valuable resource for pharmacy students and pharmacists to sort out the alphabet soup of health care. Well done."

Mary Euler, PharmD
*Assistant Dean,
University of Missouri–Kansas City
School of Pharmacy;
Executive Director, Phi Lambda Sigma*



"Dictionary of Pharmacy serves as a comprehensive reference and overview of terminology and concepts relevant to students, faculty, and practitioners. The terminology definitions and cross-list referencing system provide a quick and efficient method to research terminology, abbreviations, and weights and measures pertaining not only to

pharmacy but also complementary information related to health care professions. The inclusion of all the schools of pharmacy and professional associations provides the reader with an up-to-date listing for responses to questions and networking.

The addition of documents of interest to all in the profession including the Oath of a Pharmacist, Pledge of Professionalism, Code of Ethics for Pharmacists, and the Principles of Practice for Pharmaceutical Care provides an overall perspective of the profession as a member of the health care team. This additional information leads one to understand the depth and breadth of the profession. *Dictionary of Pharmacy* is a reference that will be beneficial for all future and current practitioners."

Elliott M. Sogol, RPh, PhD, FAPhA
*Associate Professor and Director
of Academic Affairs,
Department of Clinical Research,
Campbell University School of Pharmacy,
Morrisville, NC*

More pre-publication
REVIEWS, COMMENTARIES, EVALUATIONS . . .

"This book is a unique compilation of information for all strata of practice, from professional pharmacy students to specialized practitioners. It includes a convenient listing of all schools/colleges of pharmacy and professional associations, and a thorough, comprehensive listing of medical abbreviations. It is a convenient medical, law, statistics, and pharmaceutical dictionary 'all in one.' *Dictionary of Pharmacy* is a great reference for beginning professional pharmacy students to have for the duration of their education in pharmacy school and has value as an appropriate reference for practicing pharmacists as well."

Nicholas G. Popovich, PhD
*Professor and Head,
Department of Pharmacy Administration,
University of Illinois at Chicago*



Pharmaceutical Products Press®
The Haworth Reference Press®
Imprints of The Haworth Press, Inc.
New York • London • Oxford

0
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100

***NOTES FOR PROFESSIONAL LIBRARIANS
AND LIBRARY USERS***

This is an original book title published by Pharmaceutical Heritage Editions, a series from Pharmaceutical Products Press®, and The Haworth Reference Press®, imprints of The Haworth Press, Inc. Unless otherwise noted in specific chapters with attribution, materials in this book have not been previously published elsewhere in any format or language.

CONSERVATION AND PRESERVATION NOTES

All books published by The Haworth Press, Inc. and its imprints are printed on certified pH neutral, acid free book grade paper. This paper meets the minimum requirements of American National Standard for Information Sciences-Permanence of Paper for Printed Material, ANSI Z39.48-1984.

long-term care assistance and care for persons with chronic disabilities who require help with the activities of daily living or who suffer from cognitive impairment

long-term care insurance insurance coverage designed to help pay some or all of any necessary long-term care costs

long-term liability obligation due longer than one year from the date of classification

loss on drying (LOD) quantitative expression of the decrease in weight of a given quantity of material that has been dried

loss ratio the result of paid claims and incurred claims plus expenses divided by the paid premiums. SEE ALSO *incurred claims loss ratio; net loss ratio; paid claims loss ratio; medical loss ratio*

lot batch or portion of a batch having a specified quality and a specific identifying "lot number"

lotion liquid preparation, suspension, or thixotropic emulsion, for external use, usually applied with little or no rubbing

lotion, emulsion small globules of a liquid dispersed throughout another liquid with which it is immiscible, and stabilized by means of an emulsifying agent; example: hand lotion

lotion, suspension liquid containing finely divided insoluble solids suspended in a liquid medium, usually with the aid of a dispersing or suspending agent; example: calamine lotion

Lou Gehrig's disease SEE *amyotrophic lateral sclerosis*

louse SEE *lice*

Lovi's beads glass beads of varying densities used to determine the specific gravity of liquids

low-energy solid or liquid **1:** substance whose molecules are held together by weak attractive forces of the van der Waal type **2:** (pharmacy) nonionic, organic, hydrophobic, or nonpolar substance

lower esophageal sphincter sphincter located at the lower end of the esophagus that normally prevents stomach contents from refluxing back into the esophagus; when not functioning properly can cause gastroesophageal reflux

lozenge solid preparation containing one or more medicaments, usually in a flavored, sweetened base, intended to dissolve or disintegrate slowly in the mouth; synonyms: troche, pastille