
DORLAND'S

ILLUSTRATED

MEDICAL

DICTIONARY

SAUNDERS
An Imprint of Elsevier

SAUNDERS ELSEVIER

1600 John F. Kennedy Blvd.
Ste 1800
Philadelphia, PA 19103-2899

DORLAND'S ILLUSTRATED MEDICAL DICTIONARY
31st edition

ISBN: 978-1-4160-2364-7 (Standard)
978-1-4160-4998-2 (Deluxe)
978-0-8089-2362-6 (International)

Copyright © 2007, 2003, 2000, 1994, 1988, 1985, 1981, 1974, 1965, 1957, 1951, 1947,
1944, 1941, 1938, 1935, 1932, 1929, 1927, 1923, 1921, 1919, 1917, 1915, 1913, 1911,
1909, 1906, 1903, 1901, 1900 by Saunders, an imprint of Elsevier Inc.

All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording, or any information storage and retrieval system, without permission in writing from the publisher. Permissions may be sought directly from Elsevier's Health Sciences Rights Department in Philadelphia, PA, USA: phone: (+1) 215 239 3804, fax: (+1) 215 239 3805, e-mail: healthpermissions@elsevier.com. You may also complete your request on-line via the Elsevier homepage (<http://www.elsevier.com>), by selecting 'Customer Support' and then 'Obtaining Permissions'.

Some of the words appearing in the Dictionary are proprietary names (trademarks) even though no reference to this fact is made in the text. The appearance of any name without designation as a trademark is therefore not to be regarded as a representation by the editors or publisher that it is not a trademark or is not the subject of proprietary rights.

Notice

Neither the Publisher nor the Editors assume any responsibility for any loss or injury and/or damage to persons or property arising out of or related to any use of the material contained in this book. It is the responsibility of the treating practitioner, relying on independent expertise and knowledge of the patient, to determine the best treatment and method of application for the patient.

The Publisher

Library of Congress Cataloging-in-Publication Data

Dorland's illustrated medical dictionary.
Philadelphia: Saunders

v.: ill.; 27 cm.

Irregular.
Began publication with 23rd ed.
Description based on: 26th ed.
Continues: American illustrated medical dictionary.

1. Medicine—Dictionaries. I. Dorland, W.A. Newman (William Alexander Newman), 1864–1956.
[DNLN: 1. Dictionaries, Medical. 2. Reference Books, Medical]

R121.D73 610'.3'21—dc19 0-6383
AACR 2 MARC-S

Library of Congress [8607r85]rev6

Listed here are the latest translated editions of this book together with the languages for the translations and the publishers:

Chinese (28th Edition)—Xi'an World Publishing Corp., Xi'an, China
Indonesian (26th Edition)—E.G.C. Medical Publishers, Jakarta, Indonesia
Italian (28th Edition)—Edizioni Scientifiche Internazionali (ESI), Milan, Italy
Japanese (28th Edition)—Hirokawa Publishing Company, Tokyo, Japan
Portuguese (28th Edition)—Editora Manole Ltda., São Paulo, Brazil
Spanish (30th Edition)—Elsevier España, S.A., Madrid, Spain
Ukrainian (30th Edition)—Nautilus Publishing House, Lviv, Ukraine

Chief Lexicographer: Douglas M. Anderson, MA
Senior Lexicographer: Patricia D. Novak, PhD
Lexicographer: Jefferson Keith, MA
Assistant Lexicographer: Michelle A. Elliott, BA
Publishing Services Manager: Linda Van Pelt
Project Manager: Joan Nikelsky
Design Direction: Gene Harris

Printed in the United States of America

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

Working together to grow
libraries in developing countries

www.elsevier.com | www.bookaid.org | www.sabre.org

ELSEVIER

BOOK AID
International

Sabre Foundation

Theory *Continued*

wave t. the theory that light, heat, and electricity are transmitted through space in the form of waves.
Weismann's t. see *weismannism*.
Woods-Fildes t. the theory that the antibacterial activity of at least some drugs (especially the sulfonamides) is a consequence of a

competitive inhibition of essential metabolic reactions of the microorganism.
Young-Helmholtz t. the doctrine that color vision depends on three sets of retinal fibers, corresponding to the colors red, green, and violet.

theo-ther-a-py (the'o-ther'a-pe) [Gr. *theos* god + *therapy*] the treatment of disease by prayer and religious exercises.

The members of this family are sometimes improperly called tarantulas. See also *bird spider*.

theque (tek) [Fr. a "box or small chest"] junctional nest.

ther-a-pist (ther'a-pist) [Gr. *therapeutēs* one who attends to the sick] a person skilled in the treatment of disease; often combined with a term indicating the specific type of disorder treated (as *speech t.*) or a particular type of treatment rendered (as *physical t.*).

Thera-Cys (ther'a-sis) trademark for a preparation of live BCG (bacille Calmette-Guérin) for intravesical use.

physical t. a person skilled in the techniques of physical therapy and qualified to administer treatments prescribed by a physician and under his supervision; called also *physiotherapist*.

ther-a-peu-sis (ther'a-pu'sis) therapeutics.

respiratory t. a person who has graduated from an approved respiratory therapist program or is registered by the National Board for Respiratory Care and is qualified to provide respiratory care under the supervision of a physician.

ther-a-peu-tic (ther'a-pu'tik) [Gr. *therapeutikos* inclined to serve] 1. pertaining to therapeutics or to therapy. 2. curative.

speech t. a person specially trained to assist patients in overcoming speech and language disorders. Cf. *speech pathologist*.

ther-a-peu-tics (ther'a-pu'tiks) 1. the branch of medical science concerned with the treatment of disease. 2. therapy.

ther-a-py (ther'a-pe) [Gr. *therapeia* service done to the sick] the treatment of disease; called also *therapeutics*.

Ther-a-pho-si-dae (ther'a-fo'si-de) a family of very large hairy spiders (suborder Orthognatha) found in temperate and tropical areas. *Scricopelma communis* is the only species whose venom has a harmful effect on humans, but some are capable of inflicting painful bites.

Therapy

See also under *treatment*.

ablation t. the destruction of small areas of myocardial tissue, usually by application of electrical or chemical energy, in the treatment of some tachyarrhythmias. See also *electrical* and *chemical ablation*, under *ablation*.
adjuvant t. the use of chemotherapy or radiotherapy in addition to surgical resection in the treatment of cancer.

bile acid t., bile acid replacement t. administration of bile acids for treatment of hyperliposis.

aerosol t. inhalation therapy using an aerosol.

biological t. treatment of disease by injection of substances that produce a biological reaction in the organism, such as sera, antitoxins, vaccines, and nonspecific proteins.

androgen ablation t., androgeñ deprivation t. androgen deprivation.

buffer t. intravenous injection of buffer substances, such as sodium bicarbonate, with the object of lowering the hydrogen ion concentration.

anticoagulant t. the use of anticoagulants such as heparin, warfarin, or dicumarol to discourage thrombosis.

cardiac resynchronization t. cardiac pacing in which a lead is used to deliver current directly to the left ventricle, in addition to those used to deliver current to the right atrium and ventricle, so that the ventricles can be induced to pump in synchrony. Called also *bilateral pacing*.

antiplatelet t. the use of platelet inhibitors such as aspirin, dipyridamole, sulfapyrazone, or ticlopidine hydrochloride to inhibit platelet adhesion or aggregation and so prevent thrombosis, alter the course of atherosclerosis, or prolong vascular graft patency.

Chaoui t. x-ray therapy with a short source-to-tissue distance and low voltage; see also *Chaoui tube*, under *tube*.

art t. the use of art media and images, the creative process, and patient response to the products created for the treatment of psychiatric and psychologic conditions, often as an adjunct to psychotherapy, and for rehabilitation.

chelation t. the use of a chelating agent to remove toxic metals from the body, used in the treatment of heavy metal poisoning. In complementary medicine, also used for the treatment of atherosclerosis and other disorders.

autolymphocyte t. autopheresis.

client-centered t. a form of psychotherapy in which the emphasis is on the patient's self-discovery, interpretation, conflict resolution, and reorganization of values and life approach, which are enabled by the warm, nondirective, unconditionally accepting support of the therapist, who reflects and clarifies the patient's discoveries.

autoserum t. treatment of disease by the injection of the patient's own blood serum.

cognitive t., cognitive behavior t. a directive form of psychotherapy based on the theory that emotional problems result from distorted attitudes and ways of thinking that can be corrected. Using techniques drawn in part from behavior therapy, the therapist actively seeks to guide the patient in altering or revising negative or erroneous perceptions and attitudes.

aversion t., aversive t. a form of behavior therapy using aversive conditioning, pairing undesirable behavior or symptoms with unpleasant stimulation in order to reduce or eliminate the behavior or symptoms. The term is sometimes used synonymously with *aversive conditioning*.
beam t. external beam radiotherapy.
behavior t. a therapeutic approach in which the focus is on the patient's observable behavior, rather than on conflicts and unconscious processes presumed to underlie his maladaptive behavior. This is accomplished through systematic manipulation of the environmental and behavioral variables related to the specific behavior to be modified; operant conditioning, systematic desensitization, token economy, aversive control, flooding, and implosion are examples of techniques that may be used in behavior therapy. Called also *behavior modification* and *conditioning t.*

collapse t. a treatment for pulmonary tuberculosis, formerly widely used, in which the diseased lung was collapsed in order to immobilize it and allow it to rest. Common methods were oleothorax, plombage, pneumonolysis, artificial pneumothorax, and thoracoplasty. Pneumonolysis and thoracoplasty are still sometimes done to collapse a lung and allow access during thoracic surgery.

behavioral marital t. (BMT) a form of marital therapy using principles and techniques from behavior therapy; it attempts to alleviate marital distress by increasing positive, pleasant interactions between the members of a couple.

color t. the therapeutic use of light of specific colors. It encompasses a number of methods used in complementary medicine, including the direction of light of specific colors at the chakras associated with the