

thePoint
Where Teaching, Learning, & Technology Click

Provides flexible learning solutions and
resources for students and faculty using
**Stedman's Medical Dictionary
for the Health Professions and
Nursing, Illustrated, Sixth Edition**

Resources for instructors*:

Image Bank
LifeART™ Images
Appendices

Resources for students:

LifeART™ Images
Appendices
Macintosh compatible download
of CD-content

*The faculty resources are restricted to adopters of
the text. Adopters have to be approved before
accessing the faculty resources.*

<http://thepoint.lww.com/hpnd6>

Scratch Off Below



Stedman's

Book cannot be returned once panel is scratched off.



STEDMAN'S

Medical Dictionary for the Health Professions and Nursing

**ILLUSTRATED
SIXTH EDITION**



Wolters Kluwer | Lippincott Williams & Wilkins

Health

Philadelphia • Baltimore • New York • London
Buenos Aires • Hong Kong • Sydney • Tokyo

Novadaq Technologies Inc. Exhibit 2003

Page 1

**DOCKET
ALARM**

Find authenticated court documents without watermarks at docketalarm.com.

Publisher: Julie K. Stegman
Senior Product Manager: Eric Branger
Managing Editor: Tiffany Piper
Chief Copyeditor: Raymond Lukens
General Editor: John H. Dirckx, M.D.
On-Line Editor: Kathryn J. Cadle
Proofreaders: Raymond Lukens, Kristi Lukens
Graphic Artist: Susan Caldwell
Typographic Design: Parkton Art Studio, Inc.
Senior Software Development Manager: David Horne
Manufacturing Coordinator: Margie Orzech



Copyright © 2008 Wolters Kluwer Health | Lippincott Williams & Wilkins

Copyright © 2005, 2001 Lippincott Williams & Wilkins. Copyright © 1997, 1994, 1987 Williams & Wilkins.

All rights reserved. This book is protected by copyright. No part of this book may be reproduced or transmitted in any form or by any means, including as photocopies or scanned-in or other electronic copies, or utilized by any information storage and retrieval system without written permission from the copyright owner, except for brief quotations embodied in critical articles and reviews. Materials appearing in this book prepared by individuals as part of their official duties as U.S. government employees are not covered by the above-mentioned copyright. To request permission, please contact Lippincott Williams & Wilkins at 530 Walnut Street, Philadelphia, PA 19016, via email at permissions@lww.com or via our website at lww.com (products and services).

Stedman's, STEDMAN'S is a registered trademark of Lippincott Williams & Wilkins.

DISCLAIMER

Care has been taken to confirm the accuracy of the information present and to describe generally accepted practices. However, the authors, editors, and publisher are not responsible for errors or omissions or for any consequences from application of the information in this book and make no warranty, expressed or implied, with respect to the currency, completeness, or accuracy of the contents of the publication. Application of this information in a particular situation remains the professional responsibility of the practitioner; the clinical treatments described and recommended may not be considered absolute and universal recommendations.

The authors, editors, and publishers have exerted every effort to ensure that drug selection and dosage set forth in this text are in accordance with current recommendations and practice at the time of publication. However, in view of ongoing research, changes in government regulations, and the constant flow of information relating to drug therapy and drug reactions, the reader is urged to check the package insert for each drug for any change in indications and dosage and for added warnings and precautions. This is particularly important when the recommended agent is a new or infrequently employed drug.

Some drugs and medical devices presented in this publication have Food and Drug Administration (FDA) clearance for limited use in restricted research settings. It is the responsibility of the health care provider to ascertain the FDA status of each drug or device planned for use in their clinical practice.

Database design by Lexi-Comp Inc. Hudson, OH
 Printed in the United States of America by Quebecor.

Library of Congress Cataloging-in-Publication Data

Stedman's medical dictionary for the health professions and nursing : illustrated.—6th ed.
 p. ; cm.

Includes index.

ISBN 978-0-7817-7618-9—ISBN 978-0-7817-7616-5

1. Medicine—Dictionaries. I. Stedman, Thomas Lathrop, 1853-1938. II. Title: Medical dictionary for the health professions and nursing.

[DNLM: 1. Medicine—Dictionary—English. W 13 S814 2008]

R121.S8 2008

610.3—dc22

Contents

*Stedman's Medical Dictionary for
 and Nursing at a Glance*

A Message from the Publisher

Consultants in the Health Profes

Reviewers

Stedman's Publishing Representa

Consultants to the Stedman's Dic

Illustration Index

Illustration Sources

Artwork Credits

A-Z Vocabulary

Anatomical Chart Company Ana

Image Insert

Contents to the Appendices

steady-state (GRASS) (gra de-ent-re-kawld' ak'wi-zish'un sted'e stāt) A type of gradient echo sequence with free induction decay sampling in magnetic resonance imaging; also called "fast imaging with steady-state precession." This family of sequences is faster than spin echo techniques, and is used for magnetic resonance angiography and cardiac imaging.

grad-u-at-ed (graj'ū-ār'ēd) **1.** Marked by lines or in other ways to denote capacity, degrees, percentages, or other discrete instruments. **2.** Divided or arranged in levels, grades, or successive steps.

grad-u-at-ed te-not-o-my (graj'ū-ār'ēd te-not'ō-mē) Partial incisions of the tendon of an eye muscle for correction of strabismus.

grad-u-ate nurse (GN) (graj'ū-āt nŭrs) A nurse who has been granted a degree by a state-certified nursing program but has not yet passed a licensing examination; may be diploma, associate degree, baccalaureate, or master's level.

grad-u-ate pro-fes-sion-al nurse (GPN) (graj'ū-āt prō-fesh'ūn-āl nŭrs) A nurse who has been granted a degree by a state-certified nursing program but has not yet passed a licensing examination. Generally speaking, a baccalaureate-prepared nurse

Grae-fe knife (grā'fē nīf) A narrow-bladed knife used in making a section of the cornea.

Grae-fe op-er-a-tion (grā'fē op-ēr-ā'shŭn) **1.** Removal of cataract by a limbal incision with capsulotomy and iridectomy. Both operations were landmarks in the field of ophthalmic surgery. **2.** Iridectomy for glaucoma.

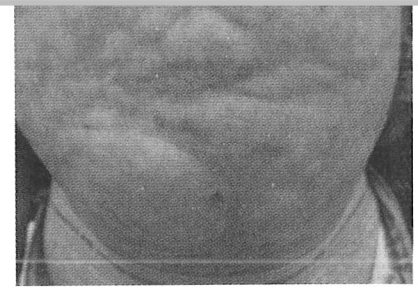
Grae-fe sign (grā'fē sīn) In Graves disease, lag of the upper eyelid as it follows the rotation of the eyeball downward. SYN von Graefe sign.

Graf-fi vi-rus (grah'fē vī'rŭs) A type C mouse myeloleukemia virus from filtrates of transplantable tumors; possibly related to Gross virus.

graft (graft) **1.** Any free (unattached) tissue or organ for transplantation. **2.** To transplant such structures. SEE ALSO flap, implant, transplant. [A.S. *graef*]

graft-ing (graft'ing) Surgical transplantation of living tissue. [O.Fr. *graffe*]

graft-ver-sus-host dis-ease (GVHD) (graft vē'sŭs hōst di-zēz') An incompatibility reaction (which may be fatal) in a subject (host) of low immunologic competence (deficient lymphoid tissue) who has been the recipient of immunologically competent lymphoid tissue from a donor who lacks at least one antigen possessed by the recipient host; the reaction, or disease, is the result of action of the transplanted cells against those host tissues that possess the antigen not possessed by the donor. See this page.



graft-versus-host disease: abdomen, scleroderma like changes

graft-ver-sus-host re-ac-tion (GVHR) (graft vē'sŭs hōst rē-ak'shŭn) Clinical and histologic changes of graft-versus-host disease occurring in a specific organ.

Gra-ham law (grā'ām law) The relative rapidity of diffusion of two gases varies inversely as the square root of their densities, i.e., their molecular weights.

Gra-ham Steell mur-mur (grā'ām stēl mŭr' mŭr) An early diastolic murmur of pulmonic insufficiency secondary to pulmonary hypertension, as in mitral stenosis and various congenital defects associated with pulmonary hypertension. SYN Steell murmur.

grain (grān) **1.** Cereal plants (e.g., corn, wheat, or rye), or a seed of one of them. **2.** A minute, hard particle of any substance, as of sand. **3. (gr)** A unit of weight, 1/60 dram (apoth. or troy), 1/437.5 avoirdupois ounce, 1/480 troy ounce, 1/5760 troy pound, 1/7000 avoirdupois pound; the equivalent of 0.064799 gram. [L. *granum*]

grains of par-a-dise (grānz par'ā-dīs) SYN amomum.

gram (g) (gram) A unit of weight in the metric or centesimal system, the equivalent of 15.432358 grains or 0.03527 avoirdupois ounce.

-gram Suffix meaning a recording, usually by an instrument. Cf. -graph. [G. *gramma*, character, mark]

gram cal-o-rie (gram kal'ōr-ē) SYN small calorie.

gram-cen-ti-me-ter (gram-sen'ti-mē-tēr) The energy exerted, or work done, when a mass of 1 g is raised a height of 1 cm; equal to 9.807×10^{-5} joules or newton-meters.

Gram-chro-mo-trope stain (gram-krō'mō-trōp stān) A modified trichrome stain for microsporidian spores that combines Gram-stain reagents in the procedure.

gram e-qui-val-ent (gram ē-kwiv'ā-lēnt) **1.** The weight in grams of an element that com-