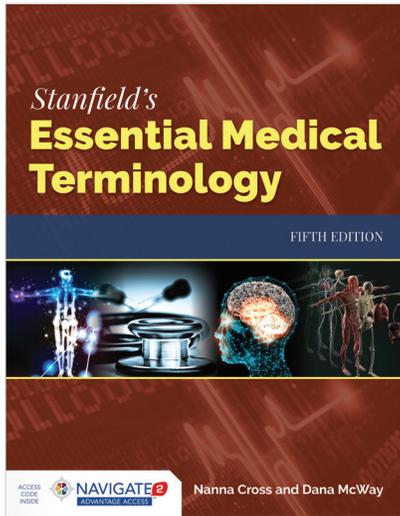


TRANSITION GUIDE



Nanna Cross, PhD, RD, LDN
Dana McWay, JD, RHIA, FAHIMA

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This transition guide serves to outline the updates and new content found in **Stanfield's Essential Medical Terminology, Fifth Edition**.

SUMMARY

The *Fifth Edition* of *Stanfield's Essential Medical Terminology* is a brief, user-friendly text designed to aid students in mastering the medical vocabulary and terms they will encounter in allied health, nursing, and medical careers. The terms have been selected on the basis of their utility, practical value, and application to the real world of the healthcare work environment. The intended audience includes students in nursing, nursing assistants/aides, vocational/practical nurses, medical secretaries, medical technologists, medical librarians, medical assistants, physician's assistants, and other persons in the allied health and paramedical fields. This text is designed for use in one-semester or two-semester course, as it provides students with the basic principles of medical terminology and teaches vocabulary by applying terms in practical examples.

KEY FEATURES

- **Confusing Medical Terminology:** Identify and differentiate between confusing medical terms. Many medical terms have derived from Latin and Greek, among other European languages. Sometimes, two terms with different medical meaning may differ only in one letter in their spellings. Sometimes, two terms with different medical meanings may sound alike though their spellings are completely different. Sometimes, two terms with the same medical meanings may be spelled entirely differently. Obviously, it is not possible to explain or list all such variations in a book of this size. Samples are provided in a special box, starting in Chapter 2.
- **Pharmacology and Medical Terminology:** Address the connection between drugs and medical terms. Most of us are familiar with such terms as ulcer, chemotherapy, and antibiotic treatments. This text does not have a chapter on pharmacology and medical terms. Instead, we have provided boxes in chapters 11–20 which relate medical terminology to drugs and their targeted medical treatments. Although they are examples, they provide you with some perspectives about prescription and over-the-counter drugs. The ultimate objective is for you to learn some medical terms in pharmacology.
- **Allied Health Professions:** Explain types of professions available in the allied health field.
- **Box features** describing medical conditions or treatments in infants, children, or teens to illustrate examples across the life span
- **Full Color Illustrations and Photographs For Clinical Disorders:** There is an old adage "A picture is worth a thousand words." We believe it is true, so we have included in this edition new full color illustrations and photographs showing common clinical disorders and their assorted medical terms to enhance your understanding and identification of diseases and how they may be treated.

STUDENT RESOURCES

Navigate 2 Advantage Access (Included with every new book purchase. Can be purchased separately.)

- **Clinical Notes:** New Clinical Notes have been included to give students real-world applications for materials learned.
- **Interactive eBook with 23 weblinks:**
 - Benefits of Medical Terminology
 - Subjective and Objective Data for Nurses
 - Sign vs. Symptom

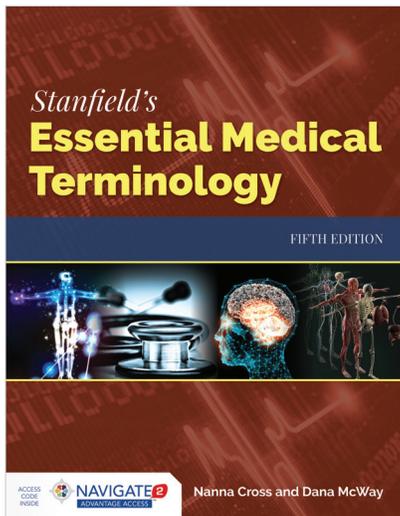


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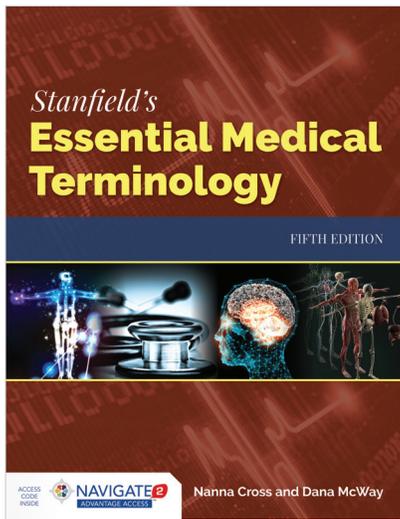
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- The Brain: How Neurotransmission Works
- Nephron Structure and Functions
- Bone Fractures
- Four Main Types of Refractive Error
- How Hearing Works
- How Does the Endocrine System Work?
- Cancer: From a Healthy Cell to a Cancer Cell
- Electronic flashcards and interactive glossary.
- Progress Checks: Progress Checks have been pulled from the book and converted into writeable PDFs that students can use to test their understanding of terms and concepts.

INSTRUCTOR RESOURCES

- Instructor's Manual: The instructor's manual provides a spectrum of information—clinical case histories, practice tests, and student activities. It serves two important purposes—providing a wide selection of teaching materials and a reduction in class preparation time. For example, by using clinical case histories to supplement a complex topic in the classroom, the instructor can usually elicit enthusiastic participation and enliven classroom presentations.
- Slides in PowerPoint™ format for each chapter.
- Test Bank for each chapter.
- Answer Key to Progress Checks.

GENERAL CONTENT UPDATES (SEE TOC COMPARISON BELOW FOR SPECIFIC UPDATES)

- Updated data reflected in the content as well as related tables, box features, and references.
- **NEW! Clinical Notes added!** Clinical Notes are designed to assist the student in applying chapter lessons to real-world examples by showing how medical terms and abbreviations are used in patient health records. These clinical notes support understanding of what health records look like and what content is contained within them. Clinical notes can be found in each chapter directly before the Progress Check section.



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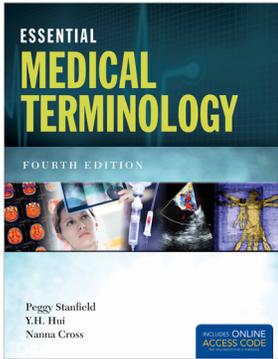
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- **REVISED! Addresses Roles of Medical and Health Professions!** Explanations of the roles of various medical and health professions are provided throughout the text. A listing of Allied Health Professions can be found in Chapter 1, with further explanation of the definitions and pronunciations of these professions found in Chapter 6. A separate enclosure highlighting an Allied Health Profession is featured at the beginning of chapters 10 through 20. This highlighted feature describes in detail the work performed by the Allied Health Professional selected as the focus of the chapter. These explanations support the concept of core competencies for interprofessional education as identified by the Interprofessional Educational Collaborative (IPEC) in its 2016 Update to Core Competencies for Interprofessional Collaborative Practice.¹
- **REVISED! Attention to Latin and Greek Origins!** Attention is given to the Latin and Greek backgrounds of the medical terms students are to learn. Chapter 1 provides an explanation why so many terms derive from the Latin and Greek languages. Chapters 11 through 20 include tables that explain the Latin or Greek origin of medical terms used in diagnosing and treating diseases or disorders of a specific medical system.
- **REVISED!** Chapter 1 is substantially revised to address the reasons to learn medical terminology, why correct pronunciation of medical terms is important, and the need to understand eponyms, homonyms, and synonyms.

¹ Interprofessional Education Collaborative (2016). Core competencies for interprofessional collaborative practice: 2016 Update. Washington DC: Interprofessional Educational Collaborative.

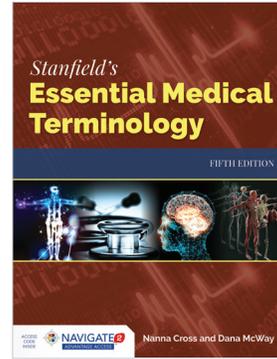
CHAPTER OUTLINE

This chapter outline comparison has been created to help you easily transition to the *Fifth Edition*. Note that chapter content from the *Fourth Edition* may now be found in a different chapter in the *Fifth Edition*. Also note that chapter numbers and titles may have been updated.



Essential Medical Terminology, Fourth Edition

by Peggy Stanfield, Y.H. Hui, and Nanna Cross



Stanfield's Essential Medical Terminology, Fifth Edition

by Nanna Cross and Dana McWay

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