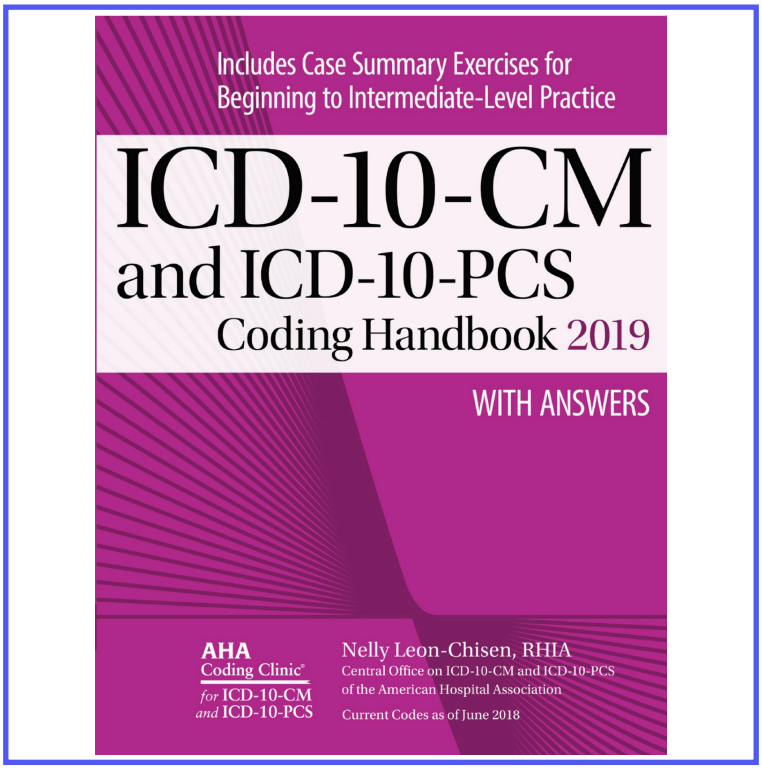


ebookbig.com

or scan the QR code to access the digital study portal.

This publication is designed to provide accurate and authoritative information in regard to the subject matter covered. It is sold with the understanding that neither the authors nor the publisher are engaged in rendering legal, accounting, or other professional service. If legal advice or other expert assistance is required, the services of a competent professional should be sought.

The views expressed in this publication are strictly those of the authors and do not necessarily represent official positions of the American Hospital Association.



is a service mark of the American Hospital Association used under license by Health Forum, Inc.

Copyright ©2011–2018 by Health Forum, Inc., an American Hospital Association company. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of the publisher.

Printed in the United States of America—08/18

COVER DESIGN: Mellissa Dempsey

PROJECT MANAGEMENT, INTERIOR DESIGN, TYPOGRAPHY: Fine Print, Ltd.

NEW ILLUSTRATIONS FOR THE 2012 AND SUBSEQUENT EDITIONS: Christoph Blumrich

PAPERBACK ISBN: 978-1-55648-437-7, Item Number 148071

PDF ISBN: 978-1-55648-439-1, Item Number P148071

EPUB ISBN: 978-1-55648-438-4, Item Number EP148071

Discounts on bulk quantities of books published by Health Forum, Inc., are available to professional associations, special marketers, educators, trainers, and others. For details and discount information, please send an e-mail inquiry to codingclinic@aha.org.

To my husband, Penku (Jorge) Chisen, who supported and encouraged me with his patience and understanding throughout the long and arduous months it took to complete this handbook

Table of Contents

ICD-10-CM and ICD-10-PCS Coding Handbook 2019, *with Answers*
- Title Page
- Copyright Information
- Dedication
- List of Tables and Figures
- About the Author and Contributors
- Acknowledgments
- How to Use This Handbook

Format and Conventions and Current Coding Practices for ICD-10-CM and ICD-10-PCS
- 1 Background of the ICD-10-CM and ICD-10-PCS Classification
- 2 Introduction to the ICD-10-CM Classification
- 3 ICD-10-CM Conventions
- 4 Uniform Hospital Discharge Data Set
- 5 The Medical Record as a Source Document
- 6 Basic ICD-10-CM Coding Steps
- 7 Basic ICD-10-CM Coding Guidelines
- 8 Introduction to the ICD-10-PCS Classification
- 9 Basic ICD-10-PCS Coding Steps
- 10 ICD-10-PCS Root Operations in the Medical and Surgical Section
- 11 ICD-10-PCS Medical- and Surgical-Related, Ancillary, and New Technology Procedure Sections
- 12 Z Codes and External Cause of Morbidity Codes

Coding of Signs and Symptoms
- 13 Symptoms, Signs, and Ill-Defined Conditions

Coding of Infectious and Parasitic Diseases, Endocrine Diseases and Metabolic Disorders, and Mental Disorders
- 14 Infectious and Parasitic Diseases
- 15 Endocrine, Nutritional, and Metabolic Diseases
- 16 Mental Disorders

Coding of Diseases of the Blood and Blood-Forming Organs, Certain Disorders Involving the Immune Mechanism, and Diseases of the Nervous System
- 17 Diseases of the Blood and Blood-Forming Organs and Certain Disorders Involving the Immune Mechanism
- 18 Diseases of the Nervous System and Sense Organs

Coding of Diseases of the Respiratory, Digestive, and Genitourinary Systems
- 19 Diseases of the Respiratory System
- 20 Diseases of the Digestive System
- 21 Diseases of the Genitourinary System

Coding of Diseases of the Skin and Diseases of the Musculoskeletal System
- 22 Diseases of the Skin and Subcutaneous Tissue
- 23 Diseases of the Musculoskeletal System and Connective Tissue

Coding of Pregnancy and Childbirth Complications, Abortion, Congenital Anomalies, and Perinatal Conditions
- 24 Complications of Pregnancy, Childbirth, and the Puerperium
- 25 Abortion and Ectopic Pregnancy
- 26 Congenital Anomalies

27 Perinatal Conditions
Coding of Circulatory System Diseases and Neoplastic Diseases
28 Diseases of the Circulatory System
29 Neoplasms
Coding of Injuries, Burns, Poisoning, and Complications of Care
30 Injuries
31 Burns
32 Poisoning, Toxic Effects, Adverse Effects, and Underdosing of Drugs
33 Complications of Surgery and Medical Care
Final Review Exercise
Appendix A Coding and Reimbursement
Appendix B Reporting of the Present on Admission Indicator
Appendix C Case Summary Exercises
Index

List of Tables and Figures

TABLE 1.1	Major Differences between ICD-9-CM and ICD-10-CM
FIGURE 1.1	ICD-9-CM versus ICD-10-CM Code Structure
TABLE 1.2	Major Differences between ICD-9-CM and ICD-10-PCS
FIGURE 1.2	ICD-9-CM versus ICD-10-PCS Code Structure
FIGURE 2.1	Table of Contents from ICD-10-CM
FIGURE 8.1	Sample Excerpt of ICD-10-PCS Table
FIGURE 8.2	Structure of Codes in the Medical and Surgical Section
FIGURE 8.3	Examples of Body Part Values
TABLE 8.1	ICD-10-PCS Sections and Their Corresponding Character Value
TABLE 8.2	Medical and Surgical Section Body Systems and Values
TABLE 8.3	ICD-10-PCS Root Operations and Their Corresponding Values
FIGURE 8.4	Excerpt from Table Showing Bilateral Body Part
TABLE 8.4	Medical and Surgical Section Approaches
FIGURE 8.5	Illustrations of Medical and Surgical Section Approaches
FIGURE 8.6	Excerpt from the Device Aggregation Table
FIGURE 9.1	Excerpt of 0FT Table from ICD-10-PCS
FIGURE 9.2	Excerpt of 0Y6 Table from ICD-10-PCS

FIGURE 10.1 Table Excerpt Demonstrating Location of Root Operation Definition

TABLE 10.1 Root Operations to Take Out Some or All of a Body Part

TABLE 10.2 Root Operations to Take Out Solids/Fluids/Gases from a Body Part

TABLE 10.3 Root Operations Involving Cutting or Separation Only

TABLE 10.4 Root Operations That Put In/Put Back or Move Some/All of a Body Part

TABLE 10.5 Root Operations to Alter the Diameter or Route of a Tubular Body Part

TABLE 10.6 Root Operations That Always Involve a Device

TABLE 10.7 Root Operations That Involve Examination Only

TABLE 10.8 Root Operations That Include Other Repairs

TABLE 10.9 Root Operations That Include Other Objectives

TABLE 11.1 Medical- and Surgical-Related Sections

FIGURE 11.1 Structure of Codes in the Placement Section

TABLE 11.2 Placement Section Root Operation Values and Definitions

FIGURE 11.2 Structure of Codes in the Administration Section

FIGURE 11.3 Structure of Codes in the Measurement and Monitoring Section

FIGURE 11.4 Structure of Codes in the Extracorporeal or Systemic Assistance and Performance Section

FIGURE 11.5 Structure of Codes in the Extracorporeal or Systemic Therapies Section

FIGURE 11.6 Structure of Codes in the Osteopathic Section

FIGURE 11.7 Structure of Codes in the Other Procedures Section

FIGURE 11.8 Structure of Codes in the Imaging Section

FIGURE 11.9 Structure of Codes in the Nuclear Medicine Section

FIGURE 11.10 Structure of Codes in the Radiation Therapy Section

FIGURE 11.11 Structure of Codes in the Physical Rehabilitation and Diagnostic Audiology Section

TABLE 11.3 Physical Rehabilitation and Diagnostic Audiology Root Types, Values, and Definitions

FIGURE 11.12 Structure of Codes in the New Technology Section

TABLE 14.1 Gram-Negative and Gram-Positive Bacteria

FIGURE 15.1 Major Organs of the Endocrine System

FIGURE 16.1 Side View of the Brain

TABLE 16.1 Root Type Values in the Mental Health Section

TABLE 16.2 Root Type Values in the Substance Abuse Treatment Section

FIGURE 17.1 Four Major Types of Blood Cells

FIGURE 18.1 The Nervous System

FIGURE 18.2 The Eye

TABLE 18.1 Coding of Glaucoma

FIGURE 18.3 The Ear

FIGURE 19.1 The Respiratory System

FIGURE 20.1 The Digestive System

FIGURE 20.2 Excerpt from ICD-10-PCS Table for Hepatobiliary System Extirpation

FIGURE 20.3 Illustrations of Bariatric Surgery

FIGURE 21.1 The Urinary System

TABLE 21.1 Hypertensive Chronic Kidney Disease and Hypertensive Heart and Chronic Kidney Disease and the Applicable CKD Stages

FIGURE 21.2 The Male Reproductive System

FIGURE 21.3 Common Sites of Endometriosis Implantation

FIGURE 21.4 The Female Reproductive System

FIGURE 21.5 Breast Reconstruction Surgery

FIGURE 22.1 The Skin and Subcutaneous Tissue

FIGURE 23.1 The Human Skeleton

FIGURE 23.2 The Spinal Column

TABLE 23.1 Components of Each Column of the Spine

FIGURE 23.3 Structure of the Spine Involved in Spinal Fusion

FIGURE 23.4 Columns of the Spine, Lateral View

FIGURE 23.5 Types of Spinal Fusion Surgeries

TABLE 23.2 Common Fusion and Refusion ICD-10-PCS Qualifiers

FIGURE 24.1 Primary Organs of the Female Reproductive System

FIGURE 24.2 Examples of Fetal Presentations

FIGURE 24.3 Structure of Codes in the Obstetrics Section

FIGURE 24.4 Root Operations in the Obstetrics Section

FIGURE 25.1 Excerpt from ICD-10-PCS Table for Abortion Procedures

FIGURE 28.1 Major Vessels of the Arterial System

FIGURE 28.2 Major Vessels of the Venous System

FIGURE 28.3 The Interior of the Heart