ICD-10 Coding for Long-Term Care
A Comprehensive Training Guide

Karen L. Fabrizio, RHIA, CHTS-CP, CPRA, AHIMA-Approved ICD-10-CM/PCS Trainer
Joan L. Usher, BS, RHIA, COS-C, ACE, AHIMA-Approved ICD-10-CM Trainer

Is your facility ready for the ICD-10 transition? Nationally recognized coding experts Karen L. Fabrizio, RHIA, CHTS-CP, CPRA, and Joan L. Usher, BS, RHIA, COS-C, ACE, will help you train with their new, comprehensive ICD-10 coding training manual. Specific to long-term care, this manual gives detailed coding training and how-to guidance for the top diagnoses in the long-term care setting. ICD-10 is a complex new coding set, so it's crucial your facility is prepared.

This book provides:
• In-depth coding how-to for the most commonly documented diagnoses in the long-term care setting
• Guidance on how to properly document and code in ICD-10 to ensure appropriate coding on claims
• Quiz questions, examples, and sample scenarios to help train staff
• A detailed understanding of how long-term care providers in particular can best conquer ICD-10 complexities
• "How to" chapters that focus on each diagnostic area

Karen L. Fabrizio, RHIA, CHTS-CP, CPRA, AHIMA-Approved ICD-10-CM/PCS Trainer
Joan L. Usher, BS, RHIA, COS-C, ACE, AHIMA-Approved ICD-10-CM Trainer
ICD-10 Coding for Long-Term Care
A Comprehensive Training Guide

Karen L. Fabrizio, RHIA, CHTS-CP, CPRA, AHIMA-Approved ICD-10-CM/PCS Trainer

Joan L. Usher, BS, RHIA, COS-C, ACE, AHIMA-Approved ICD-10-CM Trainer
# Contents

About the Authors........................................................................................................... v
Acknowledgements .......................................................................................................... vii

**PART I: Understanding the Fundamentals of ICD-10-CM Coding**

1. Introduction .................................................................................................................. 3
2. The Origins of ICD Coding .......................................................................................... 7
3. Getting to Know the ICD-10-CM Manual .................................................................. 15
4. Understanding the Coding Manual Format and Setup .............................................. 21
5. Conventions and Terms ............................................................................................... 39
6. Four Easy Steps to Accurate Coding .......................................................................... 49

**PART II: Long-Term Care Specifics: What You Need to Know**

7. Primary and Other Diagnoses ..................................................................................... 55
8. Effective Management of the Coding Process ............................................................ 61
9. Coverage Criteria ......................................................................................................... 69
10. The MDS 3.0 .................................................................................................................. 76
11. Receiving Appropriate Reimbursement ..................................................................... 83
12. Quality Measures and Indicators ............................................................................... 89
13. Ethical Coding Practices ............................................................................................. 95

**Part III: “How to” Chapters on Each Diagnostic Area**

14. Certain Infectious and Parasitic Diseases ............................................................... 101
15. Neoplasms .................................................................................................................. 113
<table>
<thead>
<tr>
<th>Chapter</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>Diseases of the Blood and Blood-Forming Organs, and Certain Disorders Involving the Immune Mechanism</td>
<td>123</td>
</tr>
<tr>
<td>17</td>
<td>Endocrine, Nutritional, and Metabolic Diseases</td>
<td>127</td>
</tr>
<tr>
<td>18</td>
<td>Mental, Behavioral, and Neurodevelopmental Disorders</td>
<td>135</td>
</tr>
<tr>
<td>19</td>
<td>Diseases of the Nervous System and Sense Organs</td>
<td>143</td>
</tr>
<tr>
<td>20</td>
<td>Diseases of the Eye and Adnexa</td>
<td>153</td>
</tr>
<tr>
<td>21</td>
<td>Diseases of the Ear and Mastoid Process</td>
<td>161</td>
</tr>
<tr>
<td>22</td>
<td>Diseases of the Circulatory System</td>
<td>167</td>
</tr>
<tr>
<td>23</td>
<td>Diseases of the Respiratory System</td>
<td>177</td>
</tr>
<tr>
<td>24</td>
<td>Diseases of the Digestive System</td>
<td>185</td>
</tr>
<tr>
<td>25</td>
<td>Diseases of the Skin and Subcutaneous Tissue</td>
<td>191</td>
</tr>
<tr>
<td>26</td>
<td>Diseases of the Musculoskeletal System and Connective Tissue</td>
<td>199</td>
</tr>
<tr>
<td>27</td>
<td>Diseases of the Genitourinary System</td>
<td>207</td>
</tr>
<tr>
<td>28</td>
<td>Pregnancy, Childbirth, and the Puerperium</td>
<td>215</td>
</tr>
<tr>
<td>29</td>
<td>Conditions Originating in the Perinatal Period</td>
<td>219</td>
</tr>
<tr>
<td>30</td>
<td>Congenital Anomalies</td>
<td>223</td>
</tr>
<tr>
<td>31</td>
<td>Symptoms, Signs, and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified</td>
<td>227</td>
</tr>
<tr>
<td>32</td>
<td>Injury, Poisoning, and Certain Other Consequences of External Causes</td>
<td>235</td>
</tr>
<tr>
<td>33</td>
<td>External Causes of Morbidity</td>
<td>251</td>
</tr>
<tr>
<td>34</td>
<td>Factors Influencing Health Status and Contact With Health Services</td>
<td>257</td>
</tr>
</tbody>
</table>

**Acronym Guide** | 263
About the Authors

Karen Fabrizio, RHIA, CHTS-CP, CPRA

Karen L. Fabrizio, RHIA, CHTS-CP, CPRA, is a highly regarded health information professional with 25 years of experience. She has worked in many sectors: acute care and long-term care, education, consulting and has also served as a public speaker.

Fabrizio is currently a professor in Onondaga Community College’s health information technology program, and has taught all of the program’s courses. Her first teaching experience was as a teacher’s assistant at Ithaca College teaching ICD-9-CM coding. She realized her love of coding and teaching during that semester. Fabrizio continues to teach and has recently transitioned from the traditional face-to-face classroom into the virtual classroom with several online courses. She promotes professional growth to her many students and encourages others to get involved. Fabrizio is an AHIMA certified ICD-10-CM/PCS trainer. In 2012, she published a book, Essentials of ICD-10-CM for Long Term Care: Your Guide to Preparation and Transition.

Previously, Fabrizio was the medical record administrator and HIPAA privacy and security officer at Van Duyn Home and Hospital, a 513-bed skilled nursing facility in Syracuse. She was the system administrator for the electronic medical record (EMR). She was active in the EMR user group, giving guidance to other users and participating in the vendor’s development meetings. She has served as a consultant for several nursing homes locally in Syracuse and across the country.

Fabrizio was the 2011–2013 president of New York Health Information Management Association (NYHIMA). She has participated on NYHIMA’s Education Committee. She is the 2015 Annual NYHIMA Annual Conference chairperson after having served as a 2010 NYHIMA Annual Conference co-chairperson. She contributed to NYHIMA’s Long Term Care Coding Guidelines updates. Fabrizio participated in AHIMA’s EMR RFP Taskforce. She is currently a member of the Virtual Lab Advisory Committee and the Professional Practice Experience (PPE) Guide development team for AHIMA. Karen is an AHIMA ACE member and mentor. She has been an AHIMA delegate and has participated in AHIMA’s Hill Day on Capitol Hill. Fabrizio was recognized as NYHIMA’s Distinguished Member in 2010.

Fabrizio is a graduate of Ithaca College and is currently pursuing her MBA in Health Services Administration at SUNY IT in Utica, N.Y.

Her favorite quote exemplifies her philosophy towards others: “If you see someone without a smile, give them one of yours.”
Joan L. Usher, BS, RHIA, COS-C, ACE

Joan L. Usher, BS, RHIA, COS-C, ACE, president of JLU Health Record Systems in Pembroke, MA (www.jluhealth.com), is a nationally recognized expert in the field of ICD-10-CM coding and health information management. She has a degree in health information management and is a registered health information administrator. Her career began at a visiting nurse association, and she has been consulting for more than 25 years. She is also a certified Outcome and Assessment Information Set (OASIS) specialist in the clinical realm.

Usher is a past president of the Massachusetts Health Information Management Association (MaHIMA), a component state organization of the American Health Information Management Association (AHIMA). Under her leadership, Massachusetts received four national awards from AHIMA in continuing education programs, support for accredited HIM education, legislative advocacy, and electronic communications. She was the recipient of the 2008 Professional Achievement Award from MaHIMA. Usher is a regular lecturer in Massachusetts, Connecticut, Rhode Island, and New Hampshire. She is also on the board of directors for the Home Care Alliance (HCA) of MA and Hospice and Palliative Care Federation of Massachusetts. She is the cochair of the ICD-10 Committee of MaHIMA and facilitator of the ICD-10 Group for the HCA of MA.

Usher has taught ICD-9 coding in home health for more than 15 years and has educated more than 10,000 people nationwide. She has authored several publications, including the Rapid Reference Coding Guide, which provides homecare organizations with an easy format to look up the most frequently used ICD-9-CM and ICD-10-CM codes in home health care; ICD-10 Essentials for Homecare (Beacon Health 2011); ICD-9 Coding for Home Health: A Guide to Medical Necessity & Payment (Beacon Health 2010); and ICD-9 Coding for Home Health, A Comprehensive Guide (HCPro 2008). Usher is the author/editor of three online e-learning coding courses for: Home Health Diagnostic Coding, Home Health Reimbursement Methods, and Home Health Documentation & Health Record Requirements (2011). In partnership with Libman Education, she has authored an online course, ICD-10 Coding for Post Acute Care (2013). She was also a contributing author to Schraffenberger & Kuehn’s Effective Management of Coding Services (AHIMA, 2010).

Usher’s other accomplishments include multiple presentations and webinars on the release of information, electronic health records, the Healthcare Insurance Portability and Accountability Act, performance improvement and data quality, and hospice coding. She had been a contributing author and editor for the Massachusetts Medicolegal Guide (MaHIMA). Usher currently writes a monthly coding column for Homecare DIRECTION™.
I am so fortunate to have the support of my family and friends as I embark on this new endeavor. To my husband, Mike, and son, Michael, thank you from the bottom of my heart. I am so blessed to have both of you by my side. To my colleagues who encourage me along the way, I will always appreciate your gentle guidance, and encouragement to raise my hand. I will always treasure your constant faith in me.

–Karen Fabrizio
Chapter 1

Introduction
Proper ICD-10-CM coding is essential for accurate case-mix management and reimbursement. ICD-10-CM coding is based on a classification system that assigns an alphanumeric code, which describes a patient’s various diseases, injuries, and procedures.

The World Health Organization (WHO) issues ICD codes and the Centers for Medicare & Medicaid Services (CMS) publishes updates on a biannual basis. Long-term care regulations require listing the primary diagnosis and other pertinent diagnoses and codes on the Minimum Data Set (MDS). Primary and secondary diagnoses are required fields on all insurance claim forms, including CMS-1500 for billing of professional services and the UB-04 for billing of Medicare claims.

The purpose of this guide is to assist skilled nursing facility staff in understanding the basics of the ICD-10-CM and the specifics of long-term care coding. The goal is to provide an introduction and overview of the common diagnoses used in the long-term care field today to provide the framework for planning and preparing for the transition to ICD-10-CM. This book is divided into three parts:

- **Part I: Understanding the Fundamentals of ICD-10-CM Coding.** This section of the book encompasses Chapters 1–6 and addresses the basics of ICD-10 coding, provides a historical perspective on coding, and takes the reader through the critical steps in learning how to code.

- **Part II: Long-Term Care Specifics: What You Need to Know.** This part, which includes Chapters 7–13, teaches the specifics of coding correctly in a skilled nursing facility and the documentation required for correct coding and reimbursement.

- **Part III: “How-to” Chapters on Each Diagnostic Area.** The final sections, Chapters 14–34, build on your knowledge and address each body system. Each how-to chapter contains exercises to test your knowledge of the subject.

The main benefits to adequate preparation are correct coding and appropriate reimbursement for services rendered and compliance with local, state, and federal guidelines. Two secondary benefits to learning the correct way to code include accurate data collection for research and outcomes management and interoperability among electronic health records. Reimbursement from the Medicare benefit is paid under a prospective payment model. Payment categories, called Resource Utilization
Groups (RUG), use the Minimum Data Set (MDS) assessment as the primary data collection tool. Incorrect coding can result in a change of RUG score, affecting resident-specific reimbursement and incorrect calculation of a facility’s case mix.

Understanding the fundamentals of accurate coding with ICD-10-CM will allow your skilled nursing facility (SNF) to receive appropriate reimbursement, decreased turnaround time for claims, and ensure continued interoperability among current electronic record interfaces for resident care. Planning now for this major change to ICD-10-CM coding will provide the SNF with the foundation needed for a smooth and successful transition.
Is your facility ready for the ICD-10 transition? Nationally recognized coding experts Karen L. Fabrizio, RHIA, CHTS-CP, CPRA, and Joan L. Usher, BS, RHIA, COS-C, ACE, will help you train with their new, comprehensive ICD-10 coding training manual. Specific to long-term care, this manual gives detailed coding training and how-to guidance for the top diagnoses in the long-term care setting. ICD-10 is a complex new coding set, so it's crucial your facility is prepared.

This book provides:
- In-depth coding how-to for the most commonly documented diagnoses in the long-term care setting
- Guidance on how to properly document and code in ICD-10 to ensure appropriate coding on claims
- Quiz questions, examples, and sample scenarios to help train staff
- A detailed understanding of how long-term care providers in particular can best conquer ICD-10 complexities
- "How to" chapters that focus on each diagnostic area