



Summary of Changes

3M™ All Patient Refined Diagnosis Related Groups (APR DRG)

for ICD-10-CM/PCS
Version 41.0

GRP-377

Publication date October 2, 2023

Copyright © 2023 3M. All rights reserved.

This product contains material and information that is confidential and proprietary to 3M and its licensors. The use of this product is governed by a license agreement. Except as explicitly permitted in the license agreement or permitted in writing by 3M, no part of this product shall be: (i) reproduced, in whole or in part, by any electronic or mechanical means, (ii) disclosed or otherwise made available to, or accessible by, any third party (iii) sublicensed, leased, lent, or transferred to any third party, (iv) used for the benefit of any party other than the licensee, (v) disassembled, decrypted, decompiled, reverse-engineered, or (vi) used to create derivative works. This product includes commercial technical data and/or computer databases and/or commercial computer software and/or commercial computer software documentation, as applicable, which were developed exclusively at private expense by 3M, its subsidiaries, affiliates and licensors. Applicable FAR/DFARS restrictions, and associated license terms, apply to US Government use. 3M HIS can be contacted at 575 West Murray Boulevard, Murray, UT 84123. It is the policy of 3M Health Information Systems to improve products as new technology and software become available. Because of this, 3M HIS reserves the right to make changes in the specifications and materials contained herein without notice. All features, functions, and operations described herein may not be available in all locations. Consult your 3M HIS representative for the latest information. The example companies, organizations, people, addresses, places and events depicted in this document are fictitious and are included solely for the purposes of illustration. Any association with any real individual, company, organization, person, address place or event is unintended and should not be inferred. 3M complies with all applicable federal and state laws and regulations pertaining to patient privacy.

Incorporating the International Statistical Classification of Diseases and Related Health Problems - Tenth Revision (ICD-10), Copyright World Health Organization, Geneva, Switzerland, 1992-2010.

If this product includes CPT® or CPT® Assistant, the following notices are applicable. CPT © 2022 American Medical Association. All rights reserved. CPT is a registered trademark of the American Medical Association. This product includes CPT and/or CPT Assistant which is commercial technical data and/or computer databases and/or commercial computer software and/or commercial computer software documentation, as applicable which were developed exclusively at private expense by the American Medical Association, 330 N. Wabash, Suite 39300, Chicago, IL 60611-5885. The responsibility for the content of any "National Correct Coding Policy" included in this product is with the Centers for Medicare & Medicaid Services and no endorsement by the AMA is intended or should be implied. The AMA disclaims responsibility for any consequences or liability attributable to or related to any use, nonuse or interpretation of information contained in this product. U.S. Government rights to use, modify, reproduce, release, perform, display, or disclose these technical data and/or computer data bases and/or computer software and/or computer software documentation are subject to the limited rights restrictions of DFARS 252.227-7015(b)(2) (June 1995) and/or subject to the restrictions of DFARS 227.7202-1(a) (June 1995) and DFARS 227.7202-3(a) (June 1995), as applicable for U.S. Department of Defense procurements and the limited rights restrictions of FAR 52.277014 (June 1987) and/or subject to the restricted rights provisions of FAR 52.22714 (June 1987) and FAR 52.227-19 (June 1987), as applicable, and any applicable agency FAR Supplements, for non-Department of Defense Federal procurements. Fee schedules, relative value units, conversion factors and/or related components are not assigned by the AMA, are not part of CPT, and the AMA is not recommending their use. The AMA does not directly or indirectly practice medicine or dispense medical services. The AMA assumes no liability for data contained or not contained herein.

If this product includes UB-04 information: Copyright 2023, American Hospital Association ("AHA"), Chicago, Illinois. Reproduced with permission. No portion of this publication may be reproduced, sorted in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without prior express, written consent of AHA.

3M, 360 Encompass, APCfinder, ChartFact, ChartFax, ChartID, ChartLocator, ChartRelease, ChartReserve, ChartScan, ChartScript, ChartScriptMD, ChartView, ClinTrac, Codefinder, DisclosureTrac, DRG Assurance, DRGfinder, RAAS DL, and VoiceScript are trademarks of 3M Company.

Adobe, Acrobat, and Reader are registered trademarks of Adobe Systems Incorporated in the United States and/or other countries. Microsoft, Windows, Windows NT, Windows Vista, ActiveX, Visual Studio, MS-DOS, Microsoft Word, Excel, and Internet Explorer are either trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries. z/OS is a registered trademark of IBM Corporation in the United States and/or other countries. UNIX is a registered trademark of The Open Group. WinZip is a registered trademark of WinZip International LLC. Crystal Reports is a registered trademark of SAP. All rights reserved. Comprehensive Ambulatory Care Classification System, CACS, Case Mix Groups, CMG, Resource Intensive Weights, and RIW are trademarks of Canadian Institute for Health Information (CIHI). Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other products and services that are referred to in this document are or may be trademarks of their respective owners.

3M™ APR DRG Summary of Changes

This document identifies changes for the 3M™ All Patient Refined Diagnosis Related Groups (APR DRGs) Classification System v41.0, effective October 1, 2023.

Each year, 3M revises the APR DRG grouping logic for two reasons:

- To accommodate changes in code sets used by the hospital industry, most importantly the International Classification of Diseases, Version 10, Clinical Modification (ICD-10-CM) and the International Classification of Diseases, Version 10, Procedure Coding System (ICD-10-PCS). The U.S. Department of Health and Human Services updates the ICD-10-CM and ICD-10-PCS code sets effective October 1 of each year.
- 3M continually performs research to enhance the clinical precision of the APR DRG logic, that is, how each inpatient is assigned to a single base APR DRG, severity of illness (SOI), and risk of mortality (ROM) based on diagnoses, major procedures, and other clinical data.

Table 1. Comparison of ICD-10-CM diagnosis codes

	Effective 10/01/2022	Effective 10/01/2023
Total ICD-10-CM diagnosis codes	73,674*	74,044
Number of new diagnosis codes	1,218*	395
Number of deleted diagnosis codes	294**	25
Number of revised diagnosis codes	29	13
* 42 diagnosis codes effective 04/01/2023		
** 7 diagnosis codes effective 04/01/2023		

Table 2. Comparison of ICD-10-PCS procedure codes

	Effective 10/01/2022	Effective 10/01/2023
Total ICD-10 PCS procedure codes	78,530*	78,603
Number of new procedure codes	365*	78
Number of deleted procedure codes	64	5
Number of revised procedure codes	0	14
* 34 procedure codes effective 04/01/2023		

Table 3. Comparison of APR DRG v40.0 and v41.0

	v40.0 effective 10/01/2022	v41.0 effective 10/01/2023
Number of base APR DRGs	333	334
New base APR DRGs	1	1

	v40.0 effective 10/01/2022	v41.0 effective 10/01/2023
Deleted base APR DRGs	0	0
Revised base APR DRG titles	1	2
Severity of illness levels per base APR DRG	4	4
Risk of mortality levels per base APR DRG	4	4
Error APR DRGs	2	2
Total APR DRGs	1,334	1,338
Total Major Diagnostic Categories (MDCs)	13	1
Number of procedures changing status from OR to non-OR	13	1
Number of procedures changing status from non-OR to OR	4	2

Regarding updating the clinical logic, changes have been made to improve the precision of the grouping logic, considering customer recommendations, the shift in coding within ICD-10-CM and ICD-10-PCS, and changes in practice, such as many procedures being performed percutaneously versus an open approach.

Almost all APR DRGs can be aggregated into 25 Major Diagnostic Categories (MDCs), such as Diseases and Disorders of the Respiratory System. Nine base APR DRGs are considered "pre-MDC" while three base APR DRGs (APR DRGs 950-952 procedures unrelated to principal diagnosis), and two error APR DRGs are not assigned to an MDC.

As summarized in table 3, highlights of the changes in the clinical logic are listed below in the following bullets. More detailed information about changes in base APR DRGs, severity of illness (SOI) and risk of mortality (ROM) is provided later in this document.

APR DRG version 41.0 will be accompanied by updates of the Methodology Overview, the Definitions Manual, this Summary of Changes document, and the Weights and Trims with Code Descriptions spreadsheet.

Additional information on the v41.0 modifications is provided in the following sections:

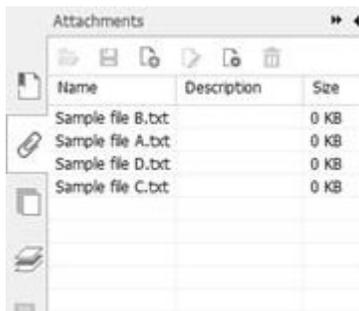
- Description change for DRG 098 Other ear, nose, mouth, and throat procedures to DRG 098 Other ear, nose, mouth, throat, craniofacial and neck procedures
- Description change for DRG 650 Splenectomy to DRG 650 Splenic procedures
- New surgical DRG 851 Gender related procedures
- Surgical hierarchy changes made to MDC 01 and MDC 06

Accessing files attached to this document

This document has file attachments. How you access these file attachments depends on how your system is configured to open PDFs.

If you typically open PDFs using PDF viewer software

1. Download a copy of this document to your local system.
2. Double-click the downloaded file to open it.
3. Click the paper clip icon on the left side of the PDF software window to see a list of file attachments, as shown in the following example.

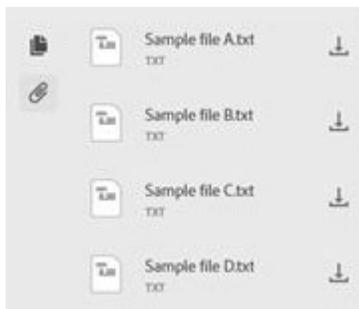


4. Double-click a file attachment to open it for viewing.

If your PDFs typically open in a browser window

Important! Your browser **must** have a PDF viewer plug-in installed to use this option. Plug-ins work differently depending on the browser you are using and may not exactly match this procedure.

1. Open this document in a browser window.
2. Click the paper clip icon on the left or right side of the browser window to see a list of file attachments, as shown in the following example.



If you don't see a paper clip icon you may need to install a PDF viewer plug-in for your browser or follow the steps in the first procedure to download the PDF to your system. Contact your IT department if you need assistance.

3. Click on a file attachment to download it for local viewing.

Discharge status changes

There are no new, deleted, or revised discharge statuses.

Diagnosis and procedure code changes

New diagnosis codes effective 10/01/2023

For a list of new diagnosis codes and their DRG assignments, see [Appendix A \(page 30\)](#).

Deleted diagnosis codes effective 10/01/2023

For a list of deleted diagnosis codes, see [Appendix B \(page 30\)](#).

Revised diagnosis code descriptions effective 10/01/2023

For a list of long and short description changes, see [Appendix C \(page 31\)](#).

New procedure codes effective 10/01/2023

For a list of new procedure codes, see [Appendix D \(page 33\)](#).

Deleted procedure codes effective 10/01/2023

For a list of deleted procedure codes, see [Appendix E \(page 33\)](#).

Revised procedure code descriptions effective 10/01/2023

For a list of long and short description changes, see [Appendix F \(page 33\)](#).

DRG and MDC changes

For APR DRG v41.0, there was one new APR DRG added, no deleted APR DRGs and two revised APR DRGs descriptions.

New DRGs

There was one new DRG created in MDC 23.

Table 4. New DRGs

DRG	Description
851	Gender related procedures

Deleted DRGs

There were no deleted DRGs.

Revised DRGs

There were two DRG description changes.

Table 5. Revised DRGs

DRG	Previous description	Revised description
098	Other ear, nose, throat, mouth, and throat procedures	Other ear, nose, mouth, throat, craniofacial, and neck procedures
650	Splenectomy	Splenic procedures

Surgical hierarchy changes

MDC 01 Diseases and disorders of the nervous system

Table 6. New surgical DRG order for MDC 01

Code	Description
DRG 020	Open craniotomy for trauma
DRG 021	Open craniotomy except trauma
DRG 024	Open extracranial vascular procedures
DRG 027	Other open craniotomy
DRG 023	Spinal procedures
DRG 029	Other percutaneous intracranial procedures
DRG 022	Ventricular shunt procedures
DRG 030	Percutaneous intracranial and extracranial vascular procedures
DRG 026	Other nervous system and related procedures

MDC 06 Diseases and disorders of the digestive system

Table 7. New surgical DRG order for MDC 06

Code	Description
DRG 220	Major stomach, esophageal and duodenal procedures
DRG 230	Major small bowel procedures
DRG 231	Major large bowel procedures
DRG 224	Peritoneal adhesiolysis
DRG 232	Gastric fundoplication
DRG 222	Other stomach, esophageal and duodenal procedures