



**ICD-10 Coordination and Maintenance Committee Meeting  
March 17-18, 2020  
Diagnosis Agenda**

**WebEx Instructions for Remote Meeting Participation**

Remote participants (attendees wishing to both view slides and ask questions during the Q&A portions of the meeting) must join the meeting by WebEx\*.

- Day 1: March 17, 2020: The meeting will begin promptly at 9:00 AM ET and will end at 5:00 PM ET. Lunch will be held from 12:30 PM to 1:15 PM.

1. Event address for attendees:

<https://letsmeet.webex.com/letsmeet/onstage/g.php?MTID=e20f2a065e507d5e156f34aa9076e32e8>

2. Event password: This event does not require a password for attendees.

If you have any questions regarding the presentations, please use the raise hand feature during the Q&A session after each presentation and your line will be unmuted. Once your question has been addressed, please lower the raised hand.

- Day 2: March 18, 2020: The meeting will begin promptly at 9:00 AM ET and will end at 5:00 PM ET. Lunch will be held from 12:30 PM to 1:15 PM.

1. Event address for attendees:

<https://letsmeet.webex.com/letsmeet/onstage/g.php?MTID=e0e9e3e18a86ed9277fac903a52d8880a>

Event password: This event does not require a password for attendees.

If you have any questions regarding the presentations, please use the raise hand feature during the Q&A session after each presentation and your line will be unmuted. Once your question has been addressed, please lower the raised hand.

ICD-10 Coordination and Maintenance Committee Meeting  
March 17-18, 2020

\*Detailed instructions for joining the WebEx meeting are posted in the "Downloads" section located here: <https://www.cms.gov/Medicare/Coding/ICD10/C-and-M-Meeting-Materials>  
If you experience technical difficulties during the meeting, please contact Michele Hudson for assistance at [michele.hudson@cms.hhs.gov](mailto:michele.hudson@cms.hhs.gov) or 443-821-4266.

**Note:** Proposals for diagnosis code topics are scheduled for March 18, 2020 and will be led by the Centers for Disease Control (CDC). Please visit CDC's website for the Diagnosis agenda located at the following address: [http://www.cdc.gov/nchs/icd/icd10cm\\_maintenance.htm](http://www.cdc.gov/nchs/icd/icd10cm_maintenance.htm).

If time does not permit you to comment or ask a question during the Q&A session, you may submit comments and questions at any time using the "Chat" feature. All comments and questions submitted using the "Chat" feature, along with CMS' responses to them, will be posted on the CMS website as soon as possible after the meeting. Remaining questions may be submitted via the CMS ICD-10 Procedure Code Request mailbox at [ICDProcedureCodeRequest@cms.hhs.gov](mailto:ICDProcedureCodeRequest@cms.hhs.gov).

ICD-10 Coordination and Maintenance Committee Meeting  
March 17-18, 2020

**Welcome and announcements**  
**Donna Pickett, MPH, RHIA**  
**Co-Chair, ICD-10 Coordination and Maintenance Committee**

Diagnosis Topics:

Contents

**Abnormal Neonatal Screening**..... 13  
Cheryl Bullock  
Edward FLiechty, MD, FAAP  
American Academy of Pediatrics  
Committee on Coding and Nomenclature, Representative to ICD-10

**Anaplasmosis Infections** ..... 16  
Donna Pickett  
Mikhail Menis, PharmD, MS Epi, MS PHSR  
Epidemiologist  
Office of Biostatistics and Epidemiology CBER/FDA

**Cough** ..... 19  
Traci Ramirez  
Scott Manaker, MD, PhD  
Vice Chair for Regulatory Affairs, Department of Medicine, Penn Medicine  
Physician Advisor, Office of Billing Compliance, Penn Medicine

**Current and history of Non-suicidal self-harm**..... 22  
Cheryl Bullock  
Michael B. First, MD  
Professor of Clinical Psychiatry  
Columbia University, New York  
American Psychiatric Association, DSM-5 Editorial and Coding Consultant

**Gastric intestinal metaplasia**..... 25  
Shannon McConnell Lamptey

**Immune Effector Cell Associated Neurotoxicity Syndrome (ICANS)** ..... 27  
Cheryl Bullock

**Immunization Counseling**.....29  
Cheryl Bullock

ICD-10 Coordination and Maintenance Committee Meeting  
March 17-18, 2020

<b>Legal Intervention to include involving other specified means, unspecified person injured.....</b>	<b>30</b>
Traci Ramirez	
<b>Long term (current) drug therapy .....</b>	<b>31</b>
Cheryl Bullock Jeffrey F Linzer, MD, FAAP, FACEP American Academy of Pediatrics Committee on Coding and Nomenclature, Representative to ICD-10	
<b>Malignant neoplasm of bilateral ovaries.....</b>	<b>32</b>
Traci Ramirez	
<b>Moisture associated skin damage .....</b>	<b>33</b>
Shannon McConnell Lamptey Mikel Gray, PhD, FNP, PNP, CUNP, CCCN, FAANP, FAAN Professor, Nurse Practitioner Wound, Ostomy and Continence Nurses Society™ (WOCN®)	
<b>Newborn affected by Positive Group B Streptococcus.....</b>	<b>34</b>
Cheryl Bullock Edward Liechty, MD, FAAP American Academy of Pediatrics Committee on Coding and Nomenclature, Representative to ICD-10	
<b>Non-ischemic Myocardial Injury.....</b>	<b>36</b>
David Berglund, MD James E. Tchong, MD, FACC Professor of Medicine, Duke University School of Medicine Member, ACC/AHA Task Force on Clinical Data Standards And Vice Chair, Writing Committee to Develop Cardiovascular Endpoints Data Standards	
<b>Pediatric Feeding Disorder .....</b>	<b>40</b>
Cheryl Bullock	
<b>Personal history of Chimeric Antigen Receptor T-Cell Therapy (CAR-T) .....</b>	<b>43</b>
Cheryl Bullock	

ICD-10 Coordination and Maintenance Committee Meeting  
March 17-18, 2020

<b>Problems Related to Upbringing</b> .....	45
Cheryl Bullock	
Jeffrey F Linzer, MD, FAAP, FACEP	
American Academy of Pediatrics	
Committee on Coding and Nomenclature, Representative to ICD-10	
<b>Pseudoexfoliation</b> .....	48
Shannon McConnell Lamptey	
<b>Secondary Malignant Neoplasm of Bilateral Ovaries</b> .....	49
Traci Ramirez	
<b>Slipped Upper Femoral Epiphysis, Stable, Unstable</b> .....	50
Traci Ramirez	
<b>Stargardt’s disease</b> .....	53
Shannon McConnell Lamptey	
<b>SYNGAP1-related intellectual disability, Other genetic related intellectual disability</b> .....	54
David Berglund, MD	
Constance L. Smith-Hicks , MD, PhD	
Kennedy Krieger Institute, Baltimore, MD	
Medical Director, Center for Autism and Related Disorders	
Neurology and Neurogenetics Clinic	
<b>Synthetic cannabinoids</b> .....	57
Donna Pickett	
<b>Thrombocytosis and Essential Thrombocythemia</b> .....	60
David Berglund, MD	
<b>Traumatic Brain Compression and Herniation</b> .....	61
David Berglund, MD	
<b>Vaping-related disorder</b> .....	65
Donna Pickett	
<b>COVID-19</b> .....	68
Donna Pickett	
<b>ICD-10-CM TABULAR OF DISEASES - PROPOSED ADDENDA</b> .....	69
Traci Ramirez	

ICD-10 Coordination and Maintenance Committee Meeting  
March 17-18, 2020

**ICD-10-CM INDEX OF DISEASES - PROPOSED ADDENDA ..... 75**

Traci Ramirez

ICD-10 Coordination and Maintenance Committee Meeting  
March 17-18, 2020

## ICD-10 TIMELINE

A timeline of important dates in the ICD-10 process is described below:

March 17-18, 2020 ICD-10 Coordination and Maintenance Committee Meeting.

Those who wish to attend the ICD-10 Coordination and Maintenance Committee meeting **must have registered for the meeting online by March 6, 2020**. You must bring an official form of picture identification (such as a driver's license) in order to be admitted to the building.

In compliance to The Real ID Act, enacted in 2005, (<http://www.dhs.gov/real-id-enforcement-brief>) the following states/territories: Maine, Minnesota, Missouri, Montana and Washington State **will not** gain access into any Federal Agencies using the **above states** driver's license or ID. This means CMS visitors from these states/territories will need to provide alternative proof of identification (**such as a passport**) to gain entrance into Baltimore-based and Bethesda, Maryland CMS buildings, as well as the Humphrey Building in Washington.

March 2020 Webcast of the March 17-18, 2020 ICD-10 Coordination and Maintenance Committee meeting will be posted on the CMS webpage as follows:  
<https://www.cms.gov/Medicare/Coding/ICD10/C-and-M-Meeting-Materials.html>

April 1, 2020 There were no requests for ICD-10 codes to capture new diagnoses or new technology for implementation on April 1, 2020. Therefore, there will be no new ICD-10 procedure codes implemented on April 1, 2020. As announced on January 15, 2020, a new ICD-10-CM diagnosis code, U07.0 - Vaping-related disorder, is being implemented on April 1, 2020. Additional information is posted on the following website:  
<https://www.cdc.gov/nchs/icd/icd10cm.htm>

**April 17, 2020** **Deadline for receipt of public comments on proposed PCS new codes and revisions discussed at the March 17-18, 2020 ICD-10 Coordination and Maintenance Committee meetings for implementation on October 1, 2020.**

April 2020 Notice of Proposed Rulemaking to be published in the Federal Register as mandated by Public Law 99-509. This notice will include references to the finalized FY 2021 ICD-10-CM diagnosis and ICD-10-PCS procedure

ICD-10 Coordination and Maintenance Committee Meeting  
March 17-18, 2020

codes to date. It will also include proposed revisions to the MS-DRG system based on ICD-10-CM/PCS codes on which the public may comment. The proposed rule can be accessed at:  
<https://www.cms.gov/Medicare/Medicare-Fee-for-Service-Payment/AcuteInpatientPPS/index.html?redirect=/AcuteInpatientPPS/IPS/list.asp>

**May 18, 2020**

**Deadline for receipt of public comments on proposed new diagnoses codes and revisions discussed at the March 17-18, 2020 ICD-10 Coordination and Maintenance Committee meetings for implementation on October 1, 2021.**

June 2020

Final addendum posted on web pages as follows:  
Diagnosis addendum -  
<https://www.cdc.gov/nchs/icd/icd10cm.htm>

Procedure addendum -  
<https://www.cms.gov/Medicare/Coding/ICD10/index.html>

**June 12, 2020**

**Deadline for requestors: Those members of the public requesting that topics be discussed at the September 2020 ICD-10 Coordination and Maintenance Committee meeting, tentatively scheduled for September 8-9, 2020, must have their requests submitted to CMS for procedures and NCHS for diagnoses.**

August 1, 2020

Hospital Inpatient Prospective Payment System final rule to be published in the Federal Register as mandated by Public Law 99-509. This rule will also include links to all the final codes to be implemented on October 1, 2020.

This rule can be accessed at: <https://www.cms.gov/Medicare/Medicare-Fee-for-Service-Payment/AcuteInpatientPPS/index.html>

August 2020

Tentative agenda for the Procedure part of the September 2020 ICD-10 Coordination and Maintenance Committee meeting will be posted on the CMS webpage at –

<https://www.cms.gov/Medicare/Coding/ICD10/C-and-M-Meeting-Materials.html>

Tentative agenda for the Diagnosis part of the September 8-9, 2020 ICD-10 Coordination and Maintenance Committee meeting will be posted on



ICD-10 Coordination and Maintenance Committee Meeting  
March 17-18, 2020

the NCHS webpage at -

[https://www.cdc.gov/nchs/icd/icd10cm\\_maintenance.htm](https://www.cdc.gov/nchs/icd/icd10cm_maintenance.htm)

Federal Register notice for the September 2020 ICD-10 Coordination and Maintenance Committee meeting will be published. This will include the tentative agenda.

August 3, 2020

**On-line registration opens for the September 2020 ICD-10 Coordination and Maintenance Committee meeting at:**

<https://www.cms.gov/apps/events/default.asp>

September 4, 2020

Because of increased security requirements, those wishing to attend the September 2020 ICD-10 Coordination and Maintenance Committee meeting must register for the meeting online at:

<https://www.cms.gov/apps/events/default.asp>

**Attendees must register online by September 4, 2020; failure to do so may result in lack of access to the meeting.**

September 8-9, 2020

ICD-10 Coordination and Maintenance Committee Meeting.

Those who wish to attend the ICD-10 Coordination and Maintenance Committee meeting **must have registered for the meeting online by September 4, 2020**. You must bring an official form of picture identification (such as a driver's license) in order to be admitted to the building.

September 2020

Webcast of the September 8-9, 2020 ICD-10 Coordination and Maintenance Committee meeting will be posted on the CMS webpage as follows:

<https://www.cms.gov/Medicare/Coding/ICD10/C-and-M-Meeting-Materials.html>

October 1, 2020

New and revised ICD-10-CM and ICD-10-PCS codes go into effect along with DRG changes. Final addendum available on web pages as follows:

**Diagnosis addendum –**

<https://www.cdc.gov/nchs/icd/icd10cm.htm>

**Procedure addendum –**

<https://www.cms.gov/Medicare/Coding/ICD10/>

October 9, 2020

**Deadline for receipt of public comments on proposed new codes discussed at the September 8-9, 2020 ICD-10 Coordination and**

ICD-10 Coordination and Maintenance Committee Meeting  
March 17-18, 2020

**Maintenance Committee meetings for implementation on April 1, 2021.**

November 2020

Any new ICD-10 codes required to capture new technology that will be implemented on the following April 1 will be announced. Information on any new codes to be implemented April 1, 2021 will be posted on the following websites:

<https://www.cdc.gov/nchs/icd/icd10cm.htm>

<https://www.cms.gov/Medicare/Coding/ICD10/>

November 9, 2020

**Deadline for receipt of public comments on proposed new codes and revisions discussed at the September 8-9, 2020 ICD-10 Coordination and Maintenance Committee meetings for implementation on October 1, 2021.**

ICD-10 Coordination and Maintenance Committee Meeting  
March 17-18, 2020

**Contact Information**

Mailing address:

National Center for Health Statistics  
ICD-9-CM Coordination and Maintenance Committee  
3311 Toledo Road  
Hyattsville, Maryland 20782  
Fax: (301) 458-4022

Comments on the diagnosis proposals presented at the ICD Coordination and Maintenance Committee meeting should be sent to the following email address: [nchsicd10CM@cdc.gov](mailto:nchsicd10CM@cdc.gov)

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ICD-10 Coordination and Maintenance Committee Meeting  
March 17-18, 2020

**Continuing Education Credits**

Continuing education credits may be awarded by the American Academy of Professional Coders (AAPC) or the American Health Information Management Association (AHIMA) for participation in CMS/NCHS ICD-10 Coordination and Maintenance (C&M) Committee Meeting.

Continuing Education Information for American Academy of Professional Coders (AAPC)

If you plan to attend or participate via telephone the ICD-10 Coordination and Maintenance (C&M) Committee Meeting, you should be aware that CMS /NCHS do not provide certificates of attendance for these calls. Instead, the AAPC will accept your printed topic packet as proof of participation. Please retain a your topic packet copy as the AAPC may request them for any conference call you entered into your CEU Tracker if you are chosen for CEU verification. Members are awarded one (1) CEU per hour of participation.

Continuing Education Information for American Health Information Management Association (AHIMA)

AHIMA credential-holders may claim 1 CEU per 60 minutes of attendance at an educational program. Maintain documentation about the program for verification purposes in the event of an audit. A program does not need to be pre-approved by AHIMA, nor does a CEU certificate need to be provided, in order to claim AHIMA CEU credit. For detailed information about AHIMA's CEU requirements, see the Recertification Guide on AHIMA's web site.

Please note: The statements above are standard language provided to NCHS by the AAPC and the AHIMA. If you have any questions concerning either statement, please contact the respective organization, not NCHS.

## **Abnormal Neonatal Screening**

The American Academy of Pediatrics presented a proposal on abnormal neonatal screening at the September 2019 Coordination and Maintenance Meeting. However, in response to public comments, a revised proposal is being submitted for consideration

Currently throughout the United States there are thirty-four (34) core conditions as part of the Recommended Uniform Screening Panel (RUSP) and an additional twenty-six secondary target conditions<sup>1</sup>.

The Recommended Uniform Screening Panel is a list of disorders that are recommended by the Secretary of the Department of Health and Human Services (HHS) for states to screen as part of their state universal newborn screening (NBS) programs<sup>2</sup>. Disorders on the RUSP are chosen based on evidence that supports the potential net benefit of screening, the ability of states to screen for the disorder, and the availability of effective treatments. Most states screen for the majority of disorders on the RUSP. Newer conditions are still in process of being adopted and some states screen for additional disorders.

While every state may vary regarding the specific tests they mandate, there are four (4) main categories of conditions that is screened by every state. Those categories are:

- 1) Metabolic conditions (e.g., PKU, Maple syrup urine disease) Fatty Acid disorders, Organic acid disorders, Amino acid disorders, Other metabolic disorders
- 2) Endocrine conditions (e.g., congenital hypothyroidism)
- 3) Hemoglobin conditions (e.g., sickle cell anemia)
- 4) Other conditions (e.g., critical congenital heart disease)

Under the other conditions category, screening for critical congenital heart disease (CCHD) is performed on all newborns as part of the American Academy of Pediatrics Periodicity Schedule and is currently mandated by law in more than half of the states.<sup>3</sup> The proposed new codes are to be reported for abnormal results from a state-mandated screen. They are not to be reported when the baby is tested due to a maternal condition, even if the baby is asymptomatic.

Neonatal CCHD screening failure (abnormal findings) is a distinct clinical event that clinicians now face. As this screening is performed on asymptomatic newborns, those babies who fail the CCHD screening should have no other signs or symptoms that would justify additional testing, which includes a cardiac echo.

The current ICD-10-CM code set has a single code P09 (Abnormal findings on neonatal screening) as a coding option, which may include any or all newborn screens that may be abnormal or have a positive indicator.

An ICD-10-CM code for failed CCHD screen would allow the cardiology department and cardiologists to accurately report and support their additional clinical evaluations and testing even if no critical illness

ICD-10 Coordination and Maintenance Committee Meeting  
March 17-18, 2020

is identified and when the patient is asymptomatic. Additionally, an ICD-10-CM code for a failed screening (abnormal findings) of CCHD screening would help to identify those babies who had a neonatal CCHD screen failure so that clinicians, health care delivery systems and state departments of health can more accurately assess appropriate follow-up.

The American Academy of Pediatrics is asking for expansion of P09 Abnormal findings on neonatal screening, to specifically show which screening categories were abnormal. In addition, a unique code would reflect an increase in healthcare utilization (e.g., echo test from positive CCHD screen) until a more definitive diagnosis can be made.

The American Academy of Pediatrics request the following tabular modifications:

**TABULAR MODIFICATION**

Add	P09	Abnormal findings on neonatal screening Abnormal findings on state mandated newborn screens
Delete		<del>Use additional code to identify signs, symptom and conditions associated with the screening</del>
New code	P09.1	Abnormal findings on neonatal screening for inborn errors of metabolism
New code	P09.2	Abnormal findings on neonatal screening for congenital endocrine disease
Add		Abnormal findings on congenital adrenal hyperplasia
Add		Abnormal findings on hypothyroidism screen
New code	P09.3	Abnormal findings on neonatal screening for congenital hematologic disorders
Add		Abnormal findings for hemoglobinopathies screen
Add		Abnormal findings on red cell membrane defects screen
Add		Abnormal findings on sickle cell screen
New code	P09.4	Abnormal findings on neonatal screening for cystic fibrosis
New code	P09.5	Abnormal findings on neonatal screening for critical congenital heart disease

ICD-10 Coordination and Maintenance Committee Meeting  
March 17-18, 2020

Add Neonatal critical congenital heart disease screening failure

New code P09.6 Abnormal findings on neonatal screening for neonatal hearing loss

Add Excludes2: Z01.110 Encounter for hearing examination following failed hearing screening

New code P09.8 Other abnormal findings on neonatal screening

New code P09.9 Abnormal findings on neonatal screening, unspecified

1) <https://www.babysfirsttest.org/newborn-screening/the-recommended-uniform-screening-panel>

2) <https://www.hrsa.gov/advisory-committees/heritable-disorders/rusp/index.html>

3) Glidewell J, Grosse S, Riehle-Colarusso T, et al. Actions in Support of Newborn Screening for Critical Congenital Heart Disease—United States, 2011–2018. *MMWR Morb Mortal Wkly Rep* 2019;68: 107-111.

## **Anaplasmosis Infections**

Formerly known as human granulocytic ehrlichiosis, human Anaplasmosis or human granulocytic Anaplasmosis is a tick-borne disease caused by *A. phagocytophilum*, a gram-negative bacterium that infects granulocytes.

In the United States, it is primarily transmitted to humans by the bite of an infected tick: either *Ixodes scapularis* in the Northeast and Midwestern United States or *Ixodes pacificus* along the West Coast. Anaplasmosis may also be transfusion-transmitted. (1-7) Human Anaplasmosis infection results in fever, chills, headaches, myalgia, nausea, vomiting, diarrhea, loss of appetite as well as potentially in complications such as: thrombocytopenia, respiratory failure, anemia, organ failure, and death. As signs and symptoms of anaplasmosis usually occur within 1–2 weeks after the bite of an infected tick, infection can be transfusion-transmitted during that period if infected persons donate blood. (5, 7, 8) Anaplasmosis infections occur mostly in the Northeastern (Maine, Vermont, New Hampshire, Rhode Island, Massachusetts, Connecticut, and New York) and upper Midwestern (Minnesota and Wisconsin) states, however the geographic range of anaplasmosis is expanding. (3, 5, 9) The number of Anaplasmosis cases as reported to CDC rose substantially over the last decades: from 348 in 2000 to 5,762 in 2017. (3) Due to a substantial increase in the number of reported anaplasmosis cases, detection of transfusion-transmitted cases, and the expansion of the geographic range of anaplasmosis infections (1, 3, 5, 8-12), the introduction of a new specific code to identify anaplasmosis infections will help public health organizations to ascertain spread of the anaplasmosis in the United States using real-world evidence, develop prevention strategies, and assure safety of blood supply.

The objective of the request is to improve coding specificity for human Anaplasmosis in order to allow physicians to code accurately for human infections due to *A. phagocytophilum*. The disease-specific coding will enable public health organizations to monitor the spread of anaplasmosis infections in the U.S. by states and counties of residence using real-world evidence (e.g., large databases), which will allow the development of suitable prevention strategies to assure public safety. Since anaplasmosis is also transfusion-transmissible, the new code will also allow for the development of appropriate donor testing recommendations depending on geographic distribution and spread of anaplasmosis in various regions of the country to assure blood safety. The improved coding granularity will also increase physician and population awareness of the disease and help facilitate availability and further development of diagnostic and donor testing. In summary, the introduction of a disease-specific code for anaplasmosis infections will improve coding accuracy, increase provider awareness of human anaplasmosis, help in development of testing, allow to monitor nationwide occurrence of the disease using real-world evidence, and therefore will help in the development of appropriate prevention strategies to reduce spread of the disease and assure public safety.

NCHS received two separate requests for a unique code for human Anaplasmosis infection caused by *Anaplasma phagocytophilum*, *A. phagocytophilum*, from FDA ([Center for Biologics Evaluation and Research](#)) and CDC (Rickettsial Zoonoses Branch).



ICD-10 Coordination and Maintenance Committee Meeting  
March 17-18, 2020

References

1. Bakken JS, Dumler JS. Human granulocytic anaplasmosis. *Infect Dis Clin North Am.* 2015;29:341–55. Available at: <http://dx.doi.org/10.1016/j.idc.2015.02.007>
2. Dumler J, Choi K, Garcia-Garcia J, et al. Human Granulocytic Anaplasmosis and *Anaplasma phagocytophilum*. *Emerging Infectious Diseases.* 2005;11(12):1828-1834. doi:10.3201/eid1112.050898. Available at: [https://wwwnc.cdc.gov/eid/article/11/12/05-0898\\_article](https://wwwnc.cdc.gov/eid/article/11/12/05-0898_article)
3. Centers for Disease Control and Prevention. Anaplasmosis Epidemiology and Statistics. Available at: <https://www.cdc.gov/anaplasmosis/stats/index.html>
4. Centers for Disease Control and Prevention. Anaplasmosis Transmission. Available at: <https://www.cdc.gov/anaplasmosis/transmission/index.html>
5. Centers for Disease Control and Prevention. Diagnosis and management of tickborne rickettsial diseases: Rocky Mountain spotted fever and other spotted fever group rickettsioses, ehrlichioses, and anaplasmosis—United States: a practical guide for health care and public health professionals. *MMWR* 2016;65(2):1-48. Available at: <https://www.cdc.gov/mmwr/volumes/65/rr/pdfs/rr6502.pdf>
6. Engel J, Bradley K, et al. Revision of the national surveillance case definition for ehrlichiosis (ehrlichiosis/anaplasmosis). Council of State and Territorial Epidemiologists, Infectious Diseases Committee, 2007 Position Statement Cdc-pdf[PDF – 7 pages]External. Available at: <https://c.ymcdn.com/sites/www.cste.org/resource/resmgr/PS/07-ID-03.pdf>
7. Centers for Disease Control and Prevention. Anaplasmosis. Available at: <https://www.cdc.gov/ticks/tickbornediseases/anaplasmosis.html>
8. Centers for Disease Control and Prevention. Anaplasmosis: Transmission and Epidemiology. Available at: <https://www.cdc.gov/anaplasmosis/healthcare-providers/transmission-epidemiology.html>
9. Dahlgren FS, Heitman KN, Drexler NA, Massung RF, Behravesh CB. Human granulocytic anaplasmosis in the United States from 2008 to 2012: a summary of national surveillance data. *Am J Trop Med Hyg* 2015;93:66–72. <http://dx.doi.org/10.4269/ajtmh.15-0122>. Available at: <http://www.ajtmh.org/content/journals/10.4269/ajtmh.15-0122>
10. Goel R, Westblade LF, Kessler DA, et al. Death from Transfusion-Transmitted Anaplasmosis, New York, USA, 2017. *Emerging Infectious Diseases.* 2018;24(8):1548-1550. doi:10.3201/eid2408.172048. Available at: [https://wwwnc.cdc.gov/eid/article/24/8/17-2048\\_article](https://wwwnc.cdc.gov/eid/article/24/8/17-2048_article)
11. Townsend RL, Moritz ED, Fialkow LB, Berardi V, Stramer SL. Probable transfusion-transmission of *Anaplasma phagocytophilum* by leukoreduced platelets. *Transfusion* 2014;54:2828-2832  
Alhumaidan H, Westley B, Esteva C, et al. Transfusion transmitted anaplasmosis from leukoreduced red blood cells. *Transfusion* 2013;53:181-6.

**TABULAR MODIFICATIONS**

A79 Other rickettsioses

A79.0 Trench fever  
Quintan fever  
Wolhynian fever

A79.1 Rickettsialpox due to *Rickettsia akari*  
Kew Garden fever  
Vesicular rickettsiosis

ICD-10 Coordination and Maintenance Committee Meeting  
March 17-18, 2020

A79.8 Other specified rickettsioses

A79.81 Rickettsiosis due to Ehrlichia sennetsu

New code

A79.82 Anaplasmosis [A. phagocytophilum]

A79.89 Other specified rickettsioses

## Cough

The American Thoracic Society (ATS) and the American College of Chest Physicians (CHEST) Clinical Practice Committee jointly submitted an updated proposal following comments received at the March 2019 Coordination and Maintenance meeting (C&M). The changes are in bold.

Physiologically, cough arises following activation of a complex sensorimotor reflex arc. Coughing is part of the body's defense mechanism against inhaled irritants and respiratory infections, serving to clear the airways of foreign material and excess secretions (Chung and Pavord, 2008). In most cases, cough resolves after the inciting factor is eliminated. For some people, however, cough becomes persistent, impacting quality of life and prompting the patient to seek medical attention.

During clinical work-up, cough is initially classified by duration; different categories of cough duration have different diagnostic possibilities and thus different algorithms for evaluation and treatment. The classification of cough by duration was outlined by the world's first cough guideline developed by the CHEST Expert Cough Panel in 1998 and has persisted through the most recent 2018 update (Irwin et al, 1998, 2018).

Cough of less than 3 weeks duration in adults is defined as acute cough (Chung and Pavord, 2008). Though acute cough can be a sign of a life-threatening condition or an exacerbation of a pre-existing respiratory condition, most acute cough cases are associated with respiratory tract infections. The most common cause of acute cough is acute bronchitis, which is most often viral (Terasaki and Paauw, 2014). Cough associated with respiratory tract infections commonly resolves shortly after the infection itself and does not require targeted therapy. In fact, limited data exist that show any benefit of symptomatic relief for acute cough with traditional cough suppressants like dextromethorphan and codeine (Bolser, 2006). The efficacy of antitussive drugs has been challenged particularly in the case of cough associated with upper respiratory tract infection (URTI); specifically, CHEST advises against the use of antitussives in the case of URTI (Irwin et al, 2018).

Subacute cough is quite like acute cough as both may be related to URTI and typically resolve after the infection clears. Subacute cough also may be caused by post-infectious cough, pertussis, infection with *Mycoplasma* or *Chlamydia*, and – similarly to acute cough – exacerbations of other diseases such as asthma or COPD (Chung and Pavord, 2008). The defining difference between subacute and acute in adults is the duration of the cough, subacute being longer, lasting from three to eight weeks. In children, a cough is defined as chronic beginning at 8 weeks duration (Chang et al, 2017).

A significant minority of patients experience chronic cough that persists despite guideline-based treatment of underlying etiologies. This subset of chronic cough is defined as cough that persists after extensive medical investigation and is thus considered a diagnosis of exclusion (Gibson and Wang, 2016). While various terms have been used to describe this population, recent CHEST guidelines define Unexplained Chronic Cough (UCC) as cough that occurs under the following circumstances: 1) chronic

ICD-10 Coordination and Maintenance Committee Meeting  
March 17-18, 2020

cough with no diagnosable cause, 2) explained but refractory chronic cough, and 3) unexplained and refractory chronic cough (Irwin et al, 2018).

Chronic cough can have wide-ranging effects on overall health and well-being. Some of the more severe symptoms include syncope, incontinence, vomiting, and sleep deprivation (Irwin, 2006). Literature indicates that the psychosocial impact of refractory chronic cough can also be profound – studies have demonstrated that 53% of patients with chronic cough exhibit depressive symptoms and are at risk for developing clinical depression (Dicpinigaitis et al, 2006; McGarvey et al, 2006). The prevalence of depressive symptoms among patients with refractory chronic cough is comparable to that seen in other chronic disorders, such as chronic obstructive pulmonary disease, chronic heart failure, and diabetes (Brignall et al, 2008)

Since research indicates paroxysmal cough is normally seen during the second stage of pertussis (whooping cough), the submitters no longer recommend listing paroxysmal cough as an inclusion term under chronic cough, R05.3. Instead, they recommend consideration of paroxysmal cough as a potential inclusion term under both Whooping cough due to *Bordetella pertussis*, without pneumonia, A37.00, and Whooping cough due to *Bordetella pertussis*, with pneumonia, A37.01.

The following proposed tabular modifications will ensure that ICD-10-CM is better aligned with the current clinical guidelines for cough.

### TABULAR MODIFICATIONS

**A37 Whooping cough**

**A37.0 Whooping cough due to *Bordetella pertussis***

**A37.00 Whooping cough due to *Bordetella pertussis* without pneumonia**

**Add Paroxysmal cough due to *Bordetella pertussis* without pneumonia**

**A37.01 Whooping cough due to *Bordetella pertussis* with pneumonia**

**Add Paroxysmal cough due to *Bordetella pertussis* with pneumonia**

**R05 Cough**

**Excludes1: cough with hemorrhage (R04.2)**

ICD-10 Coordination and Maintenance Committee Meeting  
March 17-18, 2020

smoker's cough (J41.0)

New code	R05.1 Acute cough
New code	R05.2 Subacute cough
New code	R05.3 Chronic cough
Add	Cough syncope
Add	Persistent cough
Add	Refractory cough
Add	Unexplained cough
New code	R05.9 Cough, unspecified

References

- Bolser DC. Cough suppressant and pharmacologic protussive therapy: ACCP evidence-based clinical practice guidelines. *CHEST*. 2006; 120:238S-49S.
- Brignall K, Jayaraman B, Birring SS. Quality of life and psychosocial aspects of cough. *Lung*. 2008; 186(Suppl1):S55-58.
- Centers for Disease Control. ICD-10-CM Official Coding Guidelines – Supplement; Coding encounters related to E-cigarette, or vaping, product use. Available at [https://www.cdc.gov/nchs/data/icd/Vapingcodingguidance2019\\_10\\_17\\_2019.pdf](https://www.cdc.gov/nchs/data/icd/Vapingcodingguidance2019_10_17_2019.pdf), last accessed 11/15/19.
- Chang AB, Oppenheimer JJ, Weinberger MM et al. Use of management pathways or algorithms in children with chronic cough: CHEST Guideline and Expert Panel Report. *Chest* 2017; 151(4):884-890.
- Chung KF, Pavord ID. Chronic Cough 1: Prevalence, pathogenesis, and causes of chronic cough. *Lancet*. 2008; 371:1364-74.
- Dicpinigaitis PV, Tso R, Banauch G. Prevalence of depressive symptoms among patients with chronic cough. *Chest* 2006; 130:1839–1483.
- Gibson P, Wang G, et al. Treatment of unexplained chronic cough, CHEST Guideline and Expert Panel Report. *Chest* 2016 Jan; 149(1): 27-44.
- Irwin RS. Assessing cough severity and efficacy of therapy in clinical research: ACCP evidence-based clinical practice guidelines. *Chest* 2006; 129(1 Suppl):232S–237S
- Irwin RS et al. Managing cough as a defense mechanism and as a symptom. A consensus panel report of the American College of Chest Physicians. *Chest*. 1998;114(2 suppl):133S-181S.
- Irwin RS, French CL, et al. Classification of cough as a symptom in adults and management algorithms; CHEST Guideline and Expert Panel Report. *Chest*. 2018; 153(1):196-209.
- McGarvey LPA, Carton C, Gamble LA, Heaney LG, Shepherd R, Ennis M, Macmahon J. Prevalence of psychomorbidity among patients with chronic cough. *Cough*; 2006; 2:4.
- Terasaki G, Paaaw DS. Evaluation and treatment of chronic cough. *Med Clin N Am*. 2014; 98:391-403.

## **Current and history of Non-suicidal self-harm**

Nonsuicidal self-harm also referred to as nonsuicidal self-injury (NSSI) is the deliberate, self-inflicted destruction of body tissue resulting in immediate damage without suicidal intent. It is the act of deliberately harming your own body, such as cutting, burning oneself, banging or punching objects and or oneself. It's typically not meant as a suicide attempt. Rather, this type of self-injury is a harmful way to cope with emotional pain, intense anger and frustration.

While self-harm (self-injury) may bring a momentary sense of calm and a release of tension, it's usually followed by guilt and shame and the return of painful emotions. Although life-threatening injuries are usually not intended, with self-injury comes the possibility of more serious and even fatal self-aggressive actions.

What defines self-injury has less to do with what it looks like (e.g. in what particular way someone hurts his/her body) than with the intention one has when doing it. Because NSSI can look so much like a suicidal gesture, it can be confusing, and often frightening, to those who see it but who do not know what it means. This is one of the reasons that it is important to assess the why of the injuries as well as the what.

Many individuals who practice self-harm (self-injury) report overwhelming sadness, anxiety, or emotional numbness as common emotional triggers. They often report that this action provides a way to manage intolerable feelings or a way to experience some sense of feeling. It is also used as means of coping with anxiety or other negative feelings and to relieve stress or pressure. Some report doing it simply because it feels good or provides an energy rush. Regardless of the specific reason provided, self-injury may best be understood as a maladaptive coping mechanism, but one that works – at least for a while

Suicidal behavior and nonsuicidal self-injury are both relatively common in the general population [1-5] but differ in terms of demographics, risk factors, and management [6-9].

Currently, ICD-10-CM does not offer a unique code for current or history of nonsuicidal self-harm (self-injury), nonsuicidal self-mutilation, or other similar behaviors. It is important to establish a unique code for self-harming behaviors so that these conditions can be adequately treated and tracked in medical records and clinical databases. In addition, a new code would allow the ability to differentiated between suicidal and non-suicidal self-harm.

The American Psychiatric Association (APA) is proposing the following tabular modifications.

### **TABULAR MODIFICATIONS**

R45 Symptoms and signs involving emotional state

R45.8 Other symptoms and signs involving emotional state

ICD-10 Coordination and Maintenance Committee Meeting  
March 17-18, 2020

R45.85 Homicidal and suicidal ideations  
Excludes1: suicide attempt (T14.91)  
R45.850 Homicidal ideations  
R45.851 Suicidal ideations

R45.86 Emotional lability

R45.87 Impulsiveness

New code  
Add  
Add

R45.88 Nonsuicidal self-harm  
Nonsuicidal self-mutilation  
Code also injury, if known

R45.89 Other symptoms and signs involving emotional state

Z91 Personal risk factors, not elsewhere classified  
Excludes2: contact with and (suspected) exposures hazardous to health (Z77.-)  
exposure to pollution and other problems related to physical environment (Z77.1-)  
female genital mutilation status (N90.81-)  
personal history of physical injury and trauma (Z87.81, Z87.82-)  
occupational exposure to risk factors (Z57.-)

New subcategory  
Delete  
Delete  
Delete

Z91.5 Personal history of self-harm  
~~Personal history of parasuicide~~  
~~Personal history of self-poisoning~~  
~~Personal history of suicide attempt~~

New code  
Add  
Add  
Add

Z91.51 Personal history of suicidal behavior  
Personal history of parasuicide  
Personal history of self-poisoning  
Personal history of suicide attempt

New code  
Add

Z91.52 Personal history of nonsuicidal self-harm  
Personal history of self-mutilation

References

1. Nock, M.K. and R.C. Kessler, *Prevalence of and risk factors for suicide attempts versus suicide gestures: Analysis of the National Comorbidity Survey*. J Abnorm Psychol, 2006. **115**(3): p. 616-623.

ICD-10 Coordination and Maintenance Committee Meeting  
March 17-18, 2020

2. Baca-Garcia, E., et al., *Suicidal ideation and suicide attempts among Hispanic subgroups in the United States: 1991-1992 and 2001-2002*. J Psychiatr Res, 2011. **45**(4): p. 512-518.
3. Giletta, M., et al., *Adolescent non-suicidal self-injury: a cross-national study of community samples from Italy, the Netherlands and the United States*. Psychiatry Res, 2012. **197**(1-2): p. 66-72.
4. Muehlenkamp, J.J. and L. Claes, *International prevalence of adolescent non-suicidal self-injury and deliberate self-harm*. Child Adolesc Psychiatry Ment Health, 2012. **9**(2): p. 177-192.
5. Monto, M.A., N. McRee, and F.S. Deryck, *Nonsuicidal Self-Injury Among a Representative Sample of US Adolescents, 2015*. Am J Public Health, 2018. **108**(8): p. 1042-1048.
6. Brausch, A.M. and P.M. Gutierrez, *Differences in Non-Suicidal Self-Injury and Suicide Attempts in Adolescents*. J Youth Adolescence, 2010. **39**: p. 233-242.
7. Hamza, C.A., S.L. Stewart, and T. Willoughby, *Examining the link between nonsuicidal self-injury and suicidal behavior: a review of the literature and an integrated model*. Clin Psychol Rev., 2012. **32**(6): p. 482-495.
8. Muehlenkamp, J.J. and K. P.L., *Untangling a Complex Web: How non-suicidal self-injury and suicide attempts differ*. The Prevention Researcher, 2010. **17**(1): p. 8-10.
9. Wilkinson, P., et al., *Clinical and psychosocial predictors of suicide attempts and nonsuicidal self-injury in the Adolescent Depression Antidepressants and Psychotherapy Trial (ADAPT)*. Am J Psychiatry., 2011. **168**(5): p. 495-501.



## Gastric intestinal metaplasia

This topic was previously presented at the September 2019 Coordination and Maintenance (C&M) meeting. Based on public comments received, the revised proposal is being presented for consideration.

Gastric cancer is the fourth most common cancer worldwide and the second leading cause of cancer deaths. It afflicts approximately 26,000 Americans yearly. The location of gastric intestinal metaplasia (IM) is a significant predictor for gastric cancer risk and as is one of the most important characteristics of the disease. Currently, there is no ICD-10-CM unique code for gastric IM. A similar precursor lesion for esophageal cancer, Barrett's esophagus (also known as esophageal intestinal metaplasia) has a unique code (K22.7-).

It is believed the risk for progression into gastric cancer is highest among patients with diffuse gastric IM (which involves both antrum and body). European guidelines use presence of diffuse gastric IM as a marker of higher risk. Gastric IM is categorized histopathologically into incomplete and complete types. Endoscopic gastric mapping to define extent of IM should be done for patients with incomplete IM to rule out dysplasia or adenocarcinoma. Once dysplasia is present, the location is less important as there is a higher risk regardless of location.

The American Gastroenterological Association (AGA) is requesting new codes to contribute to epidemiologic understanding and subsequent development of appropriate surveillance guidelines in the United States.

### TABULAR MODIFICATIONS

	K31	Other diseases of stomach and duodenum
New subcategory Add	K31.A	Gastric intestinal metaplasia without dysplasia Intestinal metaplasia
New code	K31.A0	Gastric intestinal metaplasia without dysplasia, unspecified site
New code	K31.A1	Gastric intestinal metaplasia without dysplasia, involving the antrum
New code	K31.A2	Gastric intestinal metaplasia without dysplasia, involving the body (corpus)
New code	K31.A3	Gastric intestinal metaplasia without dysplasia, involving the fundus
New code	K31.A4	Gastric intestinal metaplasia without dysplasia, involving the cardia
New code	K31.A5	Gastric intestinal metaplasia without dysplasia, involving multiple sites

ICD-10 Coordination and Maintenance Committee Meeting  
March 17-18, 2020

New  
subcategory

K31.B Gastric intestinal metaplasia with dysplasia

New code

K31.B0 Gastric intestinal metaplasia with dysplasia, unspecified

New code

K31.B1 Gastric intestinal metaplasia with dysplasia, low grade

New code

K31.B2 Gastric intestinal metaplasia with dysplasia, high grade

## **Immune Effector Cell Associated Neurotoxicity Syndrome (ICANS)**

Chimeric Antigen Receptor T (CAR-T) Cell Therapy has been a welcome advancement in the treatment of relapsed or refractory leukemia and large b-cell lymphoma, however complications of the therapy have been observed. Two of the most prevalent complications are Cytokine Release Syndrome (CRS) and Immune effector Cell Associated Neurotoxicity Syndrome (ICANS). The Alliance of Dedicated Cancer Centers (ADCC) submits a request for new codes address this clinical condition.

ICANS is defined as “a disorder characterized by a pathologic process involving the central nervous system following any immune therapy that results in the activation or engagement of endogenous or infused T cells and/or other immune effector cells. “Signs and symptoms can be progressive and may include aphasia, altered level of consciousness, impairment of cognitive skills, motor weakness, seizures, and cerebral edema.”<sup>1</sup>

Like CRS, some of the symptoms that occur as part of this syndrome are nonspecific, and it is of the opinion of the Alliance of Dedicated Centers (ADCC) and other clinical experts, that coding signs and symptoms of neurotoxicity will not be enough to understand which patients have this diagnosis and its severity. To enable research and comparisons, it is also important to have codes to describe the consensus grading scale grades of ICANS.

In January 2019, the ASTCT published a paper on the formal consensus grading in the official journal of the ASTCT, then named *Biology of Blood and Marrow Transplantation*.<sup>2</sup> Now that there is consensus on a grading scale, there is widespread agreement among clinicians and their institutions that unique ICD-10-CM diagnosis codes are essential to describe this frequent complication in patients in who receive immune effector cell therapy.

There are currently no ICD-10-CM diagnosis codes to report the ICANS complication of immune effector cell therapy, nor are there codes to report the severity of ICANS. The creation of new codes will allow coding professionals to accurately translate physician documentation and clinical terminology into the codes reported to describe the occurrence and severity of IEC therapy’s most significant and common complications (i.e., the different grades of ICANS). This will allow hospitals and clinicians information needed to help explain differences in patient care delivery, resource consumption (i.e., use of the intensive care unit, overall length of stay, additional drugs, etc.), and outcomes for different types of IEC therapy cases.

*1 Lee DW, Santomaso BD, Locke FL, et al., “ASTCT Consensus Grading for Cytokine Release Syndrome and Neurologic Toxicity Associated with Immune Effector Cells,” Biol Blood Marrow Transplant. 2019 Apr;25(4):625-638. doi: 10.1016/j.bbmt.2018.12.758. Epub 2018 Dec 25. 2 Ibid.*

**TABULAR MODIFICATIONS**

	G92 Toxic encephalopathy
Delete	<del>Toxic encephalitis</del>
Delete	<del>Toxic metabolic encephalopathy</del>
	Code first, if applicable, drug induced (T36-T50)
Revise	Code first, <u>if applicable</u> (T51-T65) to identify toxic agent
New subcategory	G92.0 Immune effector cell-associated neurotoxicity syndrome
New code	G92.00 Immune effector cell-associated neurotoxicity syndrome, grade unspecified
Add	ICANS, grade unspecified
New code	G92.01 Immune effector cell-associated neurotoxicity syndrome, grade 1
Add	ICANS, grade 1
New code	G92.02 Immune effector cell-associated neurotoxicity syndrome, grade 2
Add	ICANS, grade 2
New code	G92.03 Immune effector cell-associated neurotoxicity syndrome, grade 3
Add	ICANS, grade 3
New code	G92.04 Immune effector cell-associated neurotoxicity syndrome, grade 4
Add	ICANS, grade 4
New code	G92.05 Immune effector cell-associated neurotoxicity syndrome, grade 5
Add	ICANS, grade 5
New code	G92.09 Other toxic encephalopathy
Add	Toxic encephalitis
Add	Toxic metabolic encephalopathy

## Immunization Counseling

Patients and caregivers seek counseling services without signs or symptoms, and unrelated to medical care, e.g. preventive care, for a many reason. While there are a number of codes for a variety of counseling services, currently there are no codes for counseling services related to immunizations.

A unique code being requested to identify encounters where the parent/patient present specifically for vaccine counseling. Typically, these parents want an alternative vaccine, alternative vaccine schedule or spend time with the provider asking questions about vaccine safety. It is important to be able to show that counseling is being done particularly when a patient does not have an update immunization record.

Vaccines, which have proven to be a safe and very effective preventive measure, are under constant fire through social media outlets with little to no scientific backing. Parents will read this information and decide not to vaccinate their children or want to discuss this with their child's provider. It has proven to be a public health issue when misinformation leads to many pediatric patients going unimmunized or underimmunized. This has recently been evident by the measles outbreaks in the US.

The Academy of Pediatrics requests the addition of a specific code to identify this encounter when vaccines are discussed at length with parents/patients.

### TABULAR MODIFICATIONS

Z71	Persons encountering health services for other counseling and medical advice, not elsewhere classified
	Excludes2: contraceptive or procreation counseling (Z30-Z31) sex counseling (Z70.-)
	Z71.8 Other specified counseling
New Code	Z71.85 Encounter for immunization counseling
Add	Encounter for vaccine product safety counseling
Add	Code also, if applicable, encounter for immunization (Z23)

## **Legal Intervention to include involving other specified means, unspecified person injured**

The Massachusetts Injury Surveillance Program (ISP) within the Massachusetts Department of Public Health has requested new ICD-10-CM codes related to injuries resulting from legal intervention. The original proposal was presented at the September 11-12, 2018. This proposal is to include a new code for legal intervention involving other specified means, unspecified person injured, to be in consistent with the ICD-10-CM coding convention.

### **TABULAR MODIFICATIONS**

#### Y35 Legal intervention

##### Y35.89 Legal intervention involving other specified means

Y35.891 Legal intervention involving other specified means, law enforcement official injured

Y35.892 Legal intervention involving other specified means, bystander injured

Y35.893 Legal intervention involving other specified means, suspect injured

New code

Y35.899 Legal intervention involving other specified means, unspecified person injured

## Long term (current) drug therapy

The number and types of medications that patients are taking daily seems to be increasing almost exponentially. Some of these medications carry longer term risks and should be identified so they can be more closely monitored and tracked.

Currently there is a subcategory of Z79.8, Other long term (current) drug therapy, which does identify certain long term (current) drug therapy medications. The American Academy of Pediatrics (AAP) is requesting expansion of this code set to capture more of these medications to better identify and monitor the risk and long term outcomes.

### TABULAR MODIFICATIONS

#### Z79 Long term (current) drug therapy

New subcategory	Z79.6 Long term (current) use of immunomodulators and suppressants
Add	Excludes2: long term (current) use of steroids (Z79.5-)
Add	long term (current) use of agents affecting estrogen receptors and estrogen levels (Z79.81-)
New code	Z79.61 Long term (current) use of immunomodulator
New code	Z79.62 Long term (current) use of immunosuppressant
New code	Z79.63 Long term (current) use of chemotherapeutic agent
New code	Z79.64 Long term (current) use of myelosuppressive agent

## **Malignant neoplasm of bilateral ovaries**

Currently in ICD-10-CM Category C56 malignant neoplasm of ovary, there are existing codes for malignant neoplasm of the right, left and unspecified ovaries. A code for malignant neoplasm of bilateral ovaries was requested.

The American College of Obstetricians and Gynecologists (ACOG) and the Society for Gynecologic Oncology (SGO) has reviewed and supports this proposal.

### TABULAR MODIFICATIONS

C56	Malignant neoplasm of ovary
	Use additional code to identify any functional activity
C56.1	Malignant neoplasm of right ovary
C56.2	Malignant neoplasm of left ovary
New code	C56.3 Malignant neoplasm of bilateral ovaries
	C56.9 Malignant neoplasm of unspecified ovary



## Moisture associated skin damage

Among its multiple vital functions, the skin acts as a barrier to protect the body against mechanical trauma, noxious irritants, infectious pathogens and excessive fluids. Overexposure of the skin to moisture can compromise the integrity of the skin's epithelial barrier, disrupting the intricate molecular arrangement of intercellular lipids in the stratum corneum, the intercellular connections between epidermal cells (corneocytes) and the cutaneous microbiome. Once damaged, the skin is more permeable and susceptible to irritant penetration, leading to inflammation or dermatitis. The term moisture-associated skin damage (MASD) delineates a spectrum of injury characterized by the inflammation and erosion (or denudation) of the epidermis resulting from exposure to various sources of moisture and potential irritants (e.g. urine, stool, saliva or respiratory secretions and stoma or fistula effluent). With a shift in demographics toward an aging population worldwide, MASD is a common condition and its prevalence is likely to rise.

Moisture-associated skin damage is a complex, heterogenous condition, which includes irritant contact dermatitis (persistent erythema with or without erosion of superficial skin layers). Both urinary and fecal incontinence are known to cause irritant contact dermatitis on any portion of the skin. Irritant contact dermatitis has been shown to be an independent risk factor for full thickness pressure ulceration. Similarly, skin around the stoma or fistula exposed to urinary, fecal or fistula effluent is at risk for irritant contact dermatitis impairing the efficacy of pouching systems and exposing the skin to other forms of damage. Saliva or respiratory secretions from the mouth, nose, a tracheostomy or a spit fistula may cause irritant contact dermatitis on nearby skin. Unique ICD-10-CM codes would improve data collection and facilitate research.

Wound Ostomy and Continence Nurses Society is proposing the following tabular modifications to identify these conditions.

### TABULAR MODIFICATIONS

L24	Other and unspecified dermatitis
New subcategory	L24.A Irritant contact dermatitis due to friction or contact with body fluids
New code	L24.A1 Irritant contact dermatitis due to saliva or digestive secretions
New code	L24.A2 Irritant contact dermatitis due to respiratory secretions
New code	L24.A3 Irritant contact dermatitis due to fecal, urinary or dual incontinence
New code	L24.A4 Irritant contact dermatitis related to stoma or fistula secretions

## **Newborn affected by Positive Group B Streptococcus**

Group B Streptococcus (GBS), also known as Group B Strep Infection, is a type of bacterial infection that can be found in a pregnant woman's vagina or rectum. About 25% of all healthy, adult women will test positive for GBS. The mother can pass GBS to her baby during delivery.

GBS affects about 1 in every 2,000 babies in the United States<sup>1</sup>. Not every baby who is born to a mother who tests positive for GBS will become ill. Although GBS is uncommon in pregnant women, the outcome to the newborn can be severe. As such, physicians include testing as a routine part of prenatal care. Newborns are at increased risk for GBS disease if their mother tests positive for the bacteria during pregnancy.

While any person can become ill with GBS, rates of serious GBS infections are higher among newborns. Among babies, there are 2 main types of GBS disease<sup>2</sup>: Early-onset which occurs during the first week of life and late-onset which occurs from the second week through three months of life.

In the United States on average each year about 900 babies get early-onset GBS disease; approximately 1,200 babies get late-onset GBS disease and the mortality rate for a GBS infected newborn is 4-6% (2-3 of every 50 babies). GBS infection is a leading cause of meningitis and bloodstream infections in a newborn's first three months of life.

Because of the high risk of morbidity and mortality for babies who are born to GBS positive mothers, the Academy of Pediatrics (AAP) is requesting a new code which will provide important clinical information for the newborns who are at risk and allow for adequately tracking and monitoring.

### **TABULAR MODIFICATIONS**

P00 Newborn affected by maternal conditions that may be unrelated to present pregnancy

Code first any current condition in newborn

Excludes2: encounter for observation of newborn for suspected diseases and conditions ruled out (Z05.-)  
newborn affected by maternal complications of pregnancy (P01.-)  
newborn affected by maternal endocrine and metabolic disorders (P70-P74)  
newborn affected by noxious substances transmitted via placenta or breast milk (P04.-)

ICD-10 Coordination and Maintenance Committee Meeting  
March 17-18, 2020

P00.2 Newborn affected by maternal infectious and parasitic diseases

Add Excludes2: Newborn affected by (positive) maternal group B streptococcus (GBS) colonization (P00.82)

P00.8 Newborn affected by other maternal conditions

P00.81 Newborn affected by periodontal disease in mother

New code P00.82 Newborn affected by (positive) maternal group B streptococcus (GBS) colonization

Add Contact with positive maternal group B streptococcus

P00.89 Newborn affected by other maternal conditions

Add Excludes2: Newborn affected by positive maternal group B streptococcus (GBS) colonization (P00.82)

*Sources:*

<sup>1</sup>. American Pregnancy Association. Group B Strep Infection: GBS <https://americanpregnancy.org/pregnancy-complications/group-b-strep-infection/> Accessed 12/4/2019

<sup>2</sup>. Centers for Disease Control. Group B Strep, Fast Facts. Website <https://www.cdc.gov/groupbstrep/about/fast-facts.html> Accessed 12/4/2019

## **Non-ischemic Myocardial Injury**

A request has been received from the American College of Cardiology to create a new code for non-ischemic myocardial injury. Myocardial infarction has been recognized as being able to be diagnosed based on cardiac biomarkers, in the presence of cardiac ischemia, as determined by the First Global MI Task Force in 2000 (1). Subsequent refinement and classification of MI into 5 subtypes occurred, with subsequent meetings of Second, Third, and Fourth Global MI Task Force, as detailed further below (2-5). Along with updated definitions of MI, most recently in 2018 there is a definition of non-ischemic myocardial injury (5).

Advances in clinical science, particularly the development and clinical adoption of even more sensitive assays for markers of myocardial injury (in particular, high sensitivity troponin), led to the convening of the Fourth Global MI Task Force by the European Society of Cardiology, American College of Cardiology, American Heart Association, and the World Heart Federation. The resulting Fourth Universal Definition of Myocardial Infarction was published in 2018 (5). Specifically, the introduction of high sensitivity troponin provides the ability to explicitly detect non-ischemic, non-trauma related myocardial injury secondary to any number of conditions such as renal failure and heart failure. The need for clinicians to distinguish whether patients have either a non-ischemic etiology of myocardial injury or one of the MI subtypes has thus been heightened. Where there is a lack of evidence suggesting myocardial ischemia, a diagnosis of myocardial injury is to be made.

With the current ICD-10-CM code set, there is no specific code corresponding to non-traumatic myocardial injury. Given the high severity of illness typical of patients with non-ischemic myocardial injury, appropriate classification of these patients is paramount in terms of aligning appropriate diagnostic and treatment strategies while avoiding inappropriate approaches that would otherwise be suggested by miscoding.

Of note, the generic term “myocardial injury” is not sufficiently complete to indicate the etiology of the injury (ischemic or non-ischemic, traumatic or non-traumatic). Ischemic myocardial injury, which is synonymous with myocardial infarction, is already well delineated in the ICD-10-CM coding schema in sections I21.- and I22.-; traumatic myocardial injury is delineated in section S26.-. Since myocardial infarction and traumatic myocardial injury will typically be described in clinical documentation, we recommend that documentation referring to "myocardial injury" without concomitant documentation of myocardial infarction or trauma default to non-ischemic, non-traumatic myocardial injury per the proposed new code.

## ICD-10 Coordination and Maintenance Committee Meeting March 17-18, 2020

### Background

In 2000, the First Global MI Task Force presented a new definition of myocardial infarction (MI), specifically that myocardial necrosis as detected by cardiac biomarkers in the setting of myocardial ischemia should be termed an MI (1). These principles were further refined by the Second Global MI Task Force, leading to the Universal Definition of Myocardial Infarction Consensus Document in 2007, which emphasized the different conditions that might result in an MI (2). Following the second consensus document, the development of increasingly sensitive assays for the biomarkers of myocardial necrosis mandated further revision, particularly acknowledging that the detection of these biomarkers occurs not infrequently in the setting of the critically ill, after percutaneous coronary intervention and after cardiac surgery. The Third Global MI Task Force was convened to integrate these insights with new clinical outcomes data; it updated the definition of MI to include the establishment of the diagnosis of MI based on cardiac biomarkers and the prognostic implications of MI in various clinical contexts (3). This work codified an MI classification schema with 5 subcategories, and in 2014, this was formally developed by the American College of Cardiology/American Heart Association Task Force on Data Standards as a controlled terminology for the purposes of interoperability among electronic health information systems (4). In brief, the classification is as follows:

In brief, the classification of MI into five subcategories is as follows. Spontaneous myocardial infarction (MI Type 1) is a clinical event typically caused by rupture or erosion of an atherosclerotic plaque resulting in thrombus formation in one or more of the coronary arteries. This is the prototypic “heart attack,” and includes ST Elevation MI (STEMI) and Non-ST Elevation MI (NSTEMI). This corresponds to ICD-10-CM codes in category I21. Myocardial infarction secondary to ischemic imbalance (myocardial demand exceeding supply) is defined as MI Type 2. This is where a condition other than coronary artery disease results in the imbalance between myocardial oxygen supply and / or demand. Of note, coronary vasospasm and/or endothelial dysfunction also have the potential to cause a Type 2 MI. Patients who present with death from a presumed cardiac etiology (i.e., symptoms or signs suggestive of myocardial ischemia, such as typical chest pain and / or ECG changes) but without confirmatory cardiac biomarkers being available, are classified as having an MI Type 3. Myocardial infarction associated with revascularization procedures are classified as MI Types 4 and 5, with Type 4 MI occurring in the context of percutaneous coronary intervention (PCI) and / or stent implantation, and Type 5 MI being associated with coronary artery bypass graft surgery (CABG). Critically, the cardiac biomarker reference values for Type 4 and Type 5 MIs are substantively different than Type 1 (and Type 2) MI.

Because of the differences in diagnostic criteria, therapeutic approaches, and clinical outcomes of Type 2 MI compared with Type 1 (as well as the other types) of MI, a request to add a specific ICD-10-CM code for Type 2 MI was forwarded by the American College of Cardiology and the American Heart Association at the ICD-10 Coordination and Maintenance Committee Meeting March 9-10, 2016. This resulted in the introduction of the code I21.A1, Myocardial infarction type 2, and also code I21.A9, Other myocardial infarction type, into the ICD-10-CM code set effective October 1, 2017.

### References

1. Alpert JS, Thygesen K, Antman E, Bassand JP. Myocardial infarction redefined — a consensus document of the Joint European Society of Cardiology/American College of Cardiology Committee for the redefinition of myocardial infarction. *Eur Heart J.* 2000;21:1502–1513 (PMID: 10973764); *J Am Coll Cardiol.* 2000; 36:959–969 (PMID: 10987628).
2. Thygesen K, Alpert JS, White HD, Joint ESC/ACCF/AHA/WHF Task Force for the Redefinition of Myocardial Infarction. Universal definition of myocardial infarction. *Eur Heart J.* 2007;28:2525–2538 (PMID: 17951287); *Circulation.* 2007;116:2634–2653 (PMID: 17951284); *J Am Coll Cardiol.* 2007;50:2173–2195 (PMID: 18036459).

ICD-10 Coordination and Maintenance Committee Meeting  
March 17-18, 2020

3. Thygesen K, Alpert JS, Jaffe AS, Simoons ML, Chaitman BR, White HD, Joint ESC/ACCF/AHA/WHF Task Force for Universal Definition of Myocardial Infarction. Third universal definition of myocardial infarction. *Circulation*. 2012 Oct 16;126(16):2020-35 (PMID: 22923432); *Eur Heart J*. 2012 Oct;33(20):2551-67 (PMID: 22922414); *J Am Coll Cardiol*. 2012 Oct 16;60(16):1581-98 (PMID: 22958960); *Glob Heart*. 2012 Dec;7(4):275-95 (PMID: 25689940).
4. Hicks KA, Tchong JE, Bozkurt B, Chaitman BR, Cutlip DE, Farb A, Fonarow GC, Jacobs JP, Jaff MR, Lichtman JH, Limacher MC, Mahaffey KW, Mehran R, Nissen SE, Smith EE, Targum SL. 2014 ACC/AHA Key Data Elements and Definitions for Cardiovascular Endpoint Events in Clinical Trials: A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Data Standards (Writing Committee to Develop Cardiovascular Endpoints Data Standards). *Circulation*. 2015 Jul 28;132(4):302-61 (PMID: 25547519); *J Nucl Cardiol*. 2015 Oct;22(5):1041-144 (PMID: 26204990); *J Am Coll Cardiol*. 2015 Jul 28;66(4):403-69 (PMID: 25553722).
5. Thygesen K, Alpert JS, Jaffe AS, Chaitman BR, Bax JJ, Morrow DA, White HD; Executive Group on behalf of the Joint European Society of Cardiology (ESC)/American College of Cardiology (ACC)/American Heart Association (AHA)/World Heart Federation (WHF) Task Force for the Universal Definition of Myocardial Infarction. *J Am Coll Cardiol*. 2018 Oct 30;72(18):2231-2264. doi: 10.1016/j.jacc.2018.08.1038.

**TABULAR MODIFICATIONS**

- |           |     |  |
|-----------|-----|--|
|           | I24 | Other acute ischemic heart diseases  |
| Add       |     | Excludes2: non-ischemic myocardial injury (I5A)  |
|           | I25 | Chronic ischemic heart disease   |
| Add       |     | Excludes2: non-ischemic myocardial injury (I5A)  |
| Revise    |     | Other forms of heart disease (I30- <del>I52</del> <u>I5A</u> )   |
| New code: | I5A | Non-ischemic myocardial injury (non-traumatic)<br>Acute (non-ischemic) myocardial injury<br>Chronic (non-ischemic) myocardial injury<br>Unspecified (non-ischemic) myocardial injury |

Code first the underlying cause, if known and applicable, such as:

- Acute kidney failure (N17.-)
- Acute myocarditis (I40.-)
- Cardiomyopathy (I42.-)
- Chronic kidney disease (CKD) (N18.-)
- Heart failure (I50.-)
- Hypertensive urgency (I16.0)
- Nonrheumatic aortic valve disorders (I35.-)
- Paroxysmal tachycardia (I47.-)
- Pulmonary hypertension (I27.0, I27.2.-)

ICD-10 Coordination and Maintenance Committee Meeting  
March 17-18, 2020

Pulmonary embolism (I26.-)  
Sepsis (A41.-)  
Takotsubo syndrome (I51.81)

Excludes1: Acute myocardial infarction (I21.-)  
Injury of heart (S26.-)

Excludes2: Other acute ischemic heart diseases (I24.-)

### INDEX MODIFICATIONS

Injury (see also specified injury type) ...  
Revise - heart traumatic S26.90  
Add - -non-traumatic (acute) (chronic) (non-ischemic) I5A  
...  
Add - myocardial (non-traumatic) (acute) (chronic) (non-ischemic) I5A  
Add - - traumatic – see Injury, heart  
Revise - myocardium – see also Injury, heart  
Add - - non-traumatic – see Injury, myocardial

## **Pediatric Feeding Disorder**

Pediatric Feeding Disorder (PFD) can be described as impaired oral intake that is not age-appropriate, and is associated with medical, nutritional, feeding skill, and/or psychosocial dysfunction. Regardless of whether PFD is associated with problems in body function and structure, individuals with PFD experience limitations. These may include not being able to feed effectively which leads to participation restrictions or modifications in childcare, school and other environments that involve mealtime interactions. Pediatric feeding disorders can profoundly impact a child's physical, social, emotional, and/or cognitive function, and increase caregiver stress.

This topic was presented at the September 2019 Coordination and Maintenance Meeting. Based on public comment, a revised proposal for placement of PFD in Chapter 18 Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99) with expansion and modifications to code category R63.3-, Feeding difficulties, is being presented for consideration.

PFD is most frequently seen in young children but can affect children of all ages. Age-appropriate feeding was chosen as the reference standard for oral intake. This refers to the progressive acquisition of feeding skills in the infant and child to enable progression from breast or bottle feeding to self-feeding a variety of age-appropriate table foods. Children with developmental delays may have feeding behaviors that are appropriate for their level of development but not their age; these children may have PFD if this is associated with activity limitation and/or participation restriction.

Four important domains underlie PFD: medical, nutritional, feeding skills and psychosocial. For each domain, impairments that can lead to PFD, and potential interactions among health conditions, personal factors, and environmental factors, resulting in disability are discussed. PFD, in turn can cause dysfunction in each of the domains. The diagnosis of PFD often involves dysfunctions across multiple domains. Additionally, a feeding problem is often the presenting symptom that initiates interdisciplinary evaluation of one or more of the four underlying domains that may lead to identification of additional problems requiring intervention.

Symptoms must be present daily for at least 2 weeks; acute illness, once resolved, is associated with spontaneous improvement in feeding. Consistent with accepted norms, PFD can be classified into acute (< 3 months' duration) and chronic ( $\geq$  3 months' duration). Acute PFD may be triggered by medical conditions, such as esophagitis or a choking episode. Chronic PFD has myriad causes (e.g., gastroesophageal reflux, dysphagia, malnutrition, and psychosocial issues)

Assigning a single diagnostic term and diagnosis code will enable practitioners and researchers to better characterize the needs of heterogeneous patient populations, facilitate inclusion of all relevant disciplines in treatment planning, and allow the health-care team to use the common, precise terminology necessary to advance clinical practice and research.



ICD-10 Coordination and Maintenance Committee Meeting  
March 17-18, 2020

The American Academy of Pediatrics, with support from its Committee on Nutrition and Section on Gastroenterology Hepatology and Nutrition and working collaboratively with the American Speech-Language-Hearing Association (ASHA), are requesting the following tabular modifications.

**TABULAR MODIFICATION**

R63 Symptoms and signs concerning food and fluid intake

Excludes1: bulimia NOS (F50.2)  
eating disorders of nonorganic origin (F50.-)  
malnutrition (E40-E46)

New subcategory

R63.3 Feeding difficulties

Delete

~~Feeding problem (elderly)(infant) NOS~~

Delete

~~Picky eater~~

Revise

Excludes~~1~~<sup>2</sup>: eating disorders (F50.-)  
feeding problems of newborn (P92.-)  
infant feeding disorder of nonorganic origin  
(F98.2-)

New code

R63.30 Feeding difficulties, unspecified

New code

R63.31 Pediatric feeding disorder, acute

Add

Pediatric feeding dysfunction, acute

Add

Code also, if applicable, associated conditions such  
as:

Add

aspiration pneumonia (J69.0)

Add

dysphagia (R13.1-)

Add

malnutrition (E40-E46)

New code

R63.32 Pediatric feeding disorder, chronic

Add

Pediatric feeding dysfunction, chronic

Add

Code also, if applicable, associated conditions such  
as:

Add

aspiration pneumonia (J69.0)

Add

dysphagia (R13.1-)

Add

malnutrition (E40-E46)

ICD-10 Coordination and Maintenance Committee Meeting  
March 17-18, 2020

New code

Add

Add

R63.39 Other feeding difficulties

Feeding problem (elderly) (infant) NOS

Picky eater

## **Personal history of Chimeric Antigen Receptor T-Cell Therapy (CAR-T)**

The Alliance of Dedicated Cancer Centers (ADCC) proposes tabular modifications to address the need to track patients who have received Chimeric Antigen Receptor T-Cell Therapy (CAR-T). This information is important to understand the long-term impact and benefits of CAR-T therapy, assess costs and other issues presented by this evolving therapy.

This topic was presented at the September 2019 Coordination and Maintenance meeting. In response to public comment, a revised proposal is being submitted for reconsideration.

In October 2017, the U.S. Food and Drug Administration (FDA) approved the first CAR-T products for use in the treatment of certain blood cancers. These patients are seeing clinicians to assess their status after CAR-T therapy, including treatment response and to address late on-set complications.

The typical complications of CAR-T therapy include Cytokine Release Syndrome (CRS) and/or neurotoxicity, which usually occur in the first few weeks after receiving the cell infusion (when the patient is typically still in the hospital.) Sometimes, however, such complications occur post-discharge and can be the reason for additional medical encounters (i.e. visit to a physician or ED).

There is currently no ICD-10-CM code to capture the status of a patient after receiving CAR-T therapy.

A new code is being requested to accurately track patient outcomes, reason for additional tests and or treatment and additional resources that may occur as a result of the patient's status as a CAR-T recipient.

### **TABULAR MODIFICATIONS**

Z92 Personal history of medical treatment  
Excludes2: postprocedural states (Z98.-)

Z92.8 Personal history of other medical treatment

New sub-subcategory Z92.85 Personal history of cellular therapy

New code Z92.850 Personal history of Chimeric Antigen Receptor T-  
cell therapy  
Personal history of CAR-T therapy

ICD-10 Coordination and Maintenance Committee Meeting  
March 17-18, 2020

New code	Z92.858 Personal history of other cellular therapy
New code	Z92.859 Personal history of cellular therapy, unspecified
New code	Z92.86 Personal history of gene therapy

## Problems Related to Upbringing

A proposal on problems related to upbringing was presented at the September 2019 Coordination and Maintenance meeting. In response to comments received, the Academy of Pediatrics (AAP) is submitting a revised proposal for reconsideration.

Today there are a greater variety of family dynamics that are more extended than the traditional nuclear family. A child may be living with a step-parent or non-parental guardian, such as a grandparent, almost as often as living with a biological or adopted parent.

The current ICD-10-CM codes identifying problems related to upbringing and parent-child conflict do not cover some of these other family situations. These types of circumstances often present unique situations that frequently contribute to the child being brought to seek medical attention.

The American Academy of Pediatrics (AAP) requests that the code set at Z62, Problems related to upbringing, be expanded to represent “family” dynamics and conflicts that can complicate an encounter.

### TABULAR MODIFICATIONS

Z62 Problems related to upbringing  
Includes: current and past negative life events in childhood  
current and past problems of a child related to upbringing  
Excludes2: maltreatment syndrome (T74.-)  
problems related to housing and economic circumstances (Z59.-)

Z62.2 Upbringing away from parents  
Excludes1: problems with boarding school (Z59.3)

Delete Z62.21 Child in welfare custody  
~~Child in care of non-parental family member~~  
Child in foster care  
Excludes2: problem for parent due to child in welfare  
custody (Z63.5)  
Z62.22 Institutional upbringing  
Child living in orphanage or group home

New code	Z62.23 Child in custody of non-parental
guardian Add	Child in care of non-parental family member
Add	Child in custody of grandparent
Add	Child in kinship care
Add	Excludes 1: child in welfare custody (Z62.21)
	Z62.8 Other specified problems related to upbringing
Revise	Z62.82 Parent <del>caregiver</del> -child conflict
Add	Legal guardian conflict
Add	Other relative conflict
Add	Code also, if applicable:
	Absence of family member (Z63.3-)
Add	Disappearance and death of family member (Z63.4)
Add	Disruption of family by separation and divorce (Z63.5)
Add	Other specified problems related to primary support group (Z63.8)
Add	Other stressful life events affecting family and household (Z63.7-)
	Z62.820 Parent-biological child conflict
	Parent-child problem
	NOS
	Z62.821 Parent-adopted child conflict
	Z62.822 Parent-foster child conflict
New code	Z62.823 Parent-step child conflict
	Z62.824 Non-parental relative guardian-child conflict
Add	Grandparent-child conflict
Add	Kinship-care conflict
Add	Other relative-child conflict
Add	Excludes 1: Group home staff-child conflict (Z62.825)
New code	Z62.825 Group home staff-child conflict
	Z65 Problems related to other psychosocial circumstances
	Z65.0 Conviction in civil and criminal proceedings without imprisonment

ICD-10 Coordination and Maintenance Committee Meeting  
March 17-18, 2020

Z65.1 Imprisonment and other incarceration

Z65.2 Problems related to release from prison

Z65.3 Problems related to other legal circumstances

Arrest

Child custody or support proceedings

Litigation

Prosecution

Z65.5 Exposure to disaster, war and other hostilities

Excludes1: target of perceived discrimination or persecution  
(Z60.5)

New code

Z65.A Runaway from current living environment

Add

Child leaving living situation without permission

Z65.8 Other specified problems related to psychosocial  
circumstances

Religious or spiritual problem

## **Pseudoexfoliation**

Pseudoexfoliation is a disease of the eye where microscopic, flaky, whitish material resembling dandruff is deposited primarily on the pupil, iris, on the front surface of the lens of the eye, and in the trabecular meshwork of the eye. The pseudoexfoliation flakes are deposited on the pupil and iris can damage the various muscles of the iris and prevent the pupil from dilating properly during eye exams.

The pseudoexfoliation flakes are deposited on the trabecular meshwork of the eye can block aqueous humor fluid from exiting out of the eye, causing a buildup of pressure inside the eye. This is called ocular hypertension and can advance to pseudoexfoliation glaucoma when the increased eye pressure damages the optic nerve of the eye and causes loss of vision. There are no early symptoms to identify pseudoexfoliation or pseudoexfoliation glaucoma, so annual exams are important.

The American Optometric Association is proposing the following tabular modifications to identify and track these patients.

### **TABULAR MODIFICATIONS**

H27 Other disorders of lens

H27.8 Other specified disorders of lens

New

sub-subcategory

Add

H27.81 Pseudoexfoliation of lens

Excludes1: pseudoexfoliation with glaucoma (H40.14)

pseudoexfoliation with cataract (H26.-)

New code

H27.811 Pseudoexfoliation of lens, right eye

New code

H27.812 Pseudoexfoliation of lens, left eye

New code

H27.813 Pseudoexfoliation of lens, bilateral

New code

H27.819 Pseudoexfoliation of lens, unspecified eye

New code

H27.89 Other specified disorders of lens



## Secondary Malignant Neoplasm of Bilateral Ovaries

Currently in ICD-10-CM Category C79.6-, secondary malignant neoplasm of ovary, there are existing codes for secondary malignant neoplasm of the right, left and unspecified ovaries. A code for secondary malignant neoplasm of bilateral ovaries was requested.

The American College of Obstetricians and Gynecologists (ACOG) and the Society for Gynecologic Oncology (SGO) has reviewed and supports this proposal.

### TABULAR MODIFICATIONS

C79 Secondary malignant neoplasm of other and unspecified sites

Excludes1: secondary carcinoid tumors (C7B.-)

secondary neuroendocrine tumors (C7B.-)

C79.6 Secondary malignant neoplasm of ovary

C79.60 Secondary malignant neoplasm of unspecified ovary

C79.61 Secondary malignant neoplasm of right ovary

C79.62 Secondary malignant neoplasm of left ovary

New code C79.63 Secondary malignant neoplasm of bilateral ovaries

## **Slipped Upper Femoral Epiphysis, Stable, Unstable**

The American Academy of Orthopedic Surgeons (AAOS) is requesting expansion of code category M93.0, Slipped upper femoral epiphysis to add codes to slipped upper femoral epiphysis. This proposal was originally presented at the September 2018, Coordination and Maintenance (C&M) meeting and is being represented following comments from the September meeting.

AAOS clarifies a question from the comment of “unspecified” in the M93.00 Unspecified slipped upper femoral epiphysis (nontraumatic) that this refers to the acuity (acute, chronic, acute on chronic) being unspecified and not to the stability being unspecified.

It is proposed to add new codes to reflect acute- and acute-on-chronic slips which reflect whether the hip is stable or unstable. Slipped capital femoral epiphysis (SCFE) is a failure through the growth plate (physis), which results in slippage of the overlying end of the proximal femur (epiphysis). Normally, the head of the femur (the capital femoral epiphysis) should sit squarely on the femoral neck. Abnormal shear failure through the growth plate results in the slip. The capital femoral epiphysis remains in the acetabulum (hip joint), while the metaphysis (upper end of the femur) moves in an anterior direction with external rotation. The condition usually develops gradually over time. Slips may present as stable or unstable:

A stable SCFE causes some stiffness or pain in the knee or groin area, and possibly a limp that causes a child to walk with a foot outward. The pain and the limp usually tend to come and go, worsening with activity and getting better with rest. With a stable SCFE, a child still can walk, even if crutches are needed. The prognosis is relatively good for functional recovery.

An unstable SCFE is a more severe slip that usually happens suddenly and is usually much more painful. A child will not be able to bear weight on the affected side. An unstable SCFE is also more serious because it can restrict blood flow to the hip joint, leading to tissue death in the head of the femur. For this reason, the prognosis is much more guarded.

Because the prognosis is strongly related to the stability of the slip (stable versus unstable) it should be reflected in the relevant diagnosis codes. Generally chronic slips are stable and only acute or acute-on-chronic slips can be unstable.

AAOS is requesting the following tabular modifications:

**TABULAR MODIFICATIONS**

M93	Other osteochondropathies
	Excludes2: osteochondrosis of spine (M42.-)
	M93.0 Slipped upper femoral epiphysis (nontraumatic)
	Use additional code for associated chondrolysis (M94.3)
	M93.00 Unspecified slipped upper femoral epiphysis (nontraumatic)
	M93.001 Unspecified slipped upper femoral epiphysis (nontraumatic), right hip
	M93.002 Unspecified slipped upper femoral epiphysis (nontraumatic), left hip
	M93.003 Unspecified slipped upper femoral epiphysis (nontraumatic), unspecified hip
New code	M93.004 Unspecified slipped upper femoral epiphysis (nontraumatic), bilateral hips
Revise	M93.01 Acute slipped upper femoral epiphysis <u>stable</u> (nontraumatic)
Revise	M93.011 Acute slipped upper femoral epiphysis <u>stable</u> (nontraumatic), right hip
Revise	M93.012 Acute slipped upper femoral epiphysis <u>stable</u> (nontraumatic), left hip
Revise	M93.013 Acute slipped upper femoral epiphysis (nontraumatic), unspecified hip
New code	M93.014 Acute slipped upper femoral epiphysis <u>stable</u> (nontraumatic), bilateral hips
	M93.02 Chronic slipped upper femoral epiphysis (nontraumatic)
Revise	M93.021 Chronic slipped upper femoral epiphysis <u>stable</u> (nontraumatic), right hip
Revise	M93.022 Chronic slipped upper femoral epiphysis <u>stable</u> (nontraumatic), left hip
Revise	<u>M93.023</u> Chronic slipped upper femoral epiphysis <u>stable</u> (nontraumatic), unspecified hip
New code	M93.024 Chronic slipped upper femoral epiphysis <u>stable</u> (nontraumatic), bilateral hips
	M93.03 Acute on chronic slipped upper femoral epiphysis (nontraumatic)
Revise	M93.031 Acute on chronic slipped upper femoral epiphysis <u>stable</u> (nontraumatic), right hip
Revise	M93.032 Acute on chronic slipped upper femoral epiphysis <u>stable</u>

ICD-10 Coordination and Maintenance Committee Meeting  
 March 17-18, 2020

	(nontraumatic), left hip
Revise	M93.033 Acute on chronic slipped upper femoral epiphysis <u>stable</u> (nontraumatic), bilateral hips
Revise	M93.034 Chronic slipped upper femoral epiphysis <u>stable</u> (nontraumatic), unspecified hip
New subcategory	M93.04 Acute slipped upper femoral epiphysis, unstable (nontraumatic)
New code	M93.041 Acute slipped upper femoral epiphysis, unstable (nontraumatic), right hip
New code	M93.042 Acute slipped upper femoral epiphysis, unstable (nontraumatic), left hip
New code	M93.043 Acute slipped upper femoral epiphysis, unstable (nontraumatic), unspecified hip
New code	M93.044 Acute slipped upper femoral epiphysis, unstable (nontraumatic), bilateral hips
New subcategory	M93.05 Chronic slipped upper femoral epiphysis, unstable (nontraumatic)
New code	M93.051 Chronic slipped upper femoral epiphysis, unstable (nontraumatic), right hip
New code	M93.052 Chronic slipped upper femoral epiphysis, unstable (nontraumatic), left hip
New code	M93.053 Chronic slipped upper femoral epiphysis, unstable (nontraumatic), unspecified hip
New code	M93.054 Chronic slipped upper femoral epiphysis, unstable (nontraumatic), bilateral hips
New subcategory	M93.06 Acute on chronic slipped upper femoral epiphysis, unstable (nontraumatic)
New code	M93.061 Acute on chronic slipped upper femoral epiphysis, unstable (nontraumatic), right hip
New code	M93.062 Acute on chronic slipped upper femoral epiphysis, unstable (nontraumatic), left hip
New code	M93.063 Acute on chronic slipped upper femoral epiphysis, unstable (nontraumatic), unspecified hip
New code	M93.064 Acute on chronic slipped upper femoral epiphysis, unstable (nontraumatic), bilateral hips

## Stargardt's disease

Stargardt's disease is an inherited retinal disorder. Symptoms most commonly include variable loss of central vision in both eyes, typically begin in childhood or adolescence, though some patients may not notice vision loss until later in adulthood. Both the rods and cones (photoreceptors) die off in Stargardt's disease and most patients will eventually be at least legally blind, though usually not completely in darkness. Experts estimate that Stargardt's disease affects one in every eight to ten thousand people.

Currently, there is no unique code for Stargardt's disease. It is reported using ICD-10-CM code H35.53, Other dystrophies primarily involving the sensory retina. Research into the genetics and biology of Stargardt's disease is ongoing. Stargardt's disease is a sufficiently significant condition to merit a specific code that captures its unique characteristics and to facilitate analysis of research data and public health efforts. There is no cure for Stargardt's disease, though eye doctors can help the patient to maximize what vision they still have, and low vision aids can assist with daily tasks.

The American Optometric Association is proposing the following tabular modifications to capture this condition.

### TABULAR MODIFICATIONS

	H35	Other retinal disorders
		H35.5 Hereditary retinal dystrophy
		H35.53 Other dystrophies primarily involving the sensory retina
Delete		<del>Stargardt's disease</del>
New code	H35.55	Stargardt's disease
Add		Stargardt macular dystrophy
Add		juvenile macular degeneration
Add		fundus flavimaculatus

## **SYNGAP1-related intellectual disability, Other genetic related intellectual disability**

There are a number of specific genes which have been found to be related to intellectual disability. One of the more common such genes is *SYNGAP1*. There is a *SYNGAP1*-related intellectual disability, and this is also frequently associated with other disorders, including epilepsy and autism. Although it is considered rare, based on prevalence data, *SYNGAP1*-related intellectual disability is expected to affect over one million individuals worldwide. This proposal is based on two separate requests to create a code for *SYNGAP1*-related intellectual disability, one from the Bridge the Gap – SYNGAP1 Education and Research Foundation, and another from Hans P. Schlecht, MD, of Springfield, MA, together with the Syngap Research Fund. Also, other requests were received from Dr. Schlecht, with support from others, to create specific codes for certain other genetic related intellectual disabilities, and related genetic syndromes (those noted are not exhaustive).

The *SYNGAP1* protein is an essential contributor to function of the postsynaptic density of neurons and critical to overall neurodevelopment. *SYNGAP1* insufficiency is a rare, genetic autosomal dominant disorder resulting in reduced expression of *SYNGAP1* with disabling resulting conditions. Pathogenic variants of *SYNGAP1* are characterized by intellectual disability and developmental delay along with varying penetrance of autism, hypotonia, sleep disturbance, maladaptive behaviors, and epilepsy (Vlaskamp 2019). While a rare disease, prevalence data demonstrate that variants are common in nonsyndromic intellectual disability with >1 million individuals predicted to be affected world-wide, making pathogenic *SYNGAP1* variants more prevalent than fragile X syndrome (Hamdan 2011, Krupp 2017).

Since *SYNGAP1* encephalopathy has intellectual disability as a fundamental condition—in contrast to the variable penetrance of autism and epilepsy-- and is also categorized as a non-syndromic intellectual disability, it is proposed to classify *SYNGAP1*-related intellectual disability within F78 “Other intellectual disabilities,” but to also note that other associated issues which may be present should also be coded separately, such as autism and epilepsy.

Creation of a specific ICD-10-CM code for SYNGAP1-related intellectual disability, as well as one for other genetic related intellectual disability, would have a number of benefits, and the submitter believes this would aid: epidemiologic monitoring, assessment of disease-associated medical costs, retrospective studies comparing best practices, encouragement of pharmaceutical research, and recruitment of subjects for clinical trials and patient registries, as well as enabling improvement of assessment of resource requirements (Valdez 2016).

ICD-10 Coordination and Maintenance Committee Meeting  
March 17-18, 2020

References

- . SYNGAP1-related intellectual disability. Genetics Home Reference. National Library of Medicine, National Institutes of Health. 2016. <https://ghr.nlm.nih.gov/condition/syngap1-related-intellectual-disability>
- Hamdan FF, Daoud H, Piton A, et al. De novo SYNGAP1 mutations in nonsyndromic intellectual disability and autism. *Biol Psychiatry*. 2011 May 1;69(9):898-901. PubMed PMID: 21237447.
- Krupp DR, Barnard RA, Duffourd Y, et al. Exonic Mosaic Mutations Contribute Risk for Autism Spectrum Disorder. *Am J Hum Genet*. 2017 Sep 7;101(3):369-390. PubMed PMID: 28867142; PubMed Central PMCID: PMC5590950.
- Valdez R, Ouyang L, Bolen J. Public Health and Rare Diseases: Oxymoron No More. *Prev Chronic Dis*. 2016 Jan 14;13:E05. PubMed PMID: 26766846; PubMed Central PMCID: PMC4714940.
- Vlaskamp DRM, Shaw BJ, Burgess R, et al. SYNGAP1 encephalopathy: A distinctive generalized developmental and epileptic encephalopathy. *Neurology*. 2019 Jan 8; 92(2):e96-107. PubMed PMID: 30541864; PubMed Central PMCID: PMC6340340.

**TABULAR MODIFICATIONS**

F78 Other intellectual disabilities

New

Subcategory

F78.A Other genetic related intellectual disabilities

New code

F78.A1 SYNGAP1-related intellectual disability

Add

Code also, if applicable, any associated:

Add

Autistic disorder (F84.0)

Add

Autism spectrum disorder (F84.0)

Add

Epilepsy and recurrent seizures (G40.-)

Add

Other pervasive developmental disorders (F84.8)

Add

Pervasive developmental disorder, NOS (F84.9)

New code

F78.A9 Other genetic related intellectual disability

Add

Code also, if applicable, any associated disorders

## INDEX MODIFICATIONS

- Disability, disabilities
  - intellectual F79
    - with
      - pathogenic CHAMP1 (genetic) (variant) F78.A9
      - pathogenic HNRNPH2 (genetic) (variant) F78.A9
      - pathogenic SATB2 (genetic) (variant) F78.A9
      - pathogenic SETBP1 (genetic) (variant) F78.A9
      - pathogenic STXBP1 (genetic) (variant) F78.A9
      - pathogenic SYNGAP1 (genetic) (variant) F78.A9
      - autosomal dominant F78.A9
      - autosomal recessive F78.A9
      - genetic related F78.A9
      - with
        - pathogenic CHAMP1 (variant) F78.A9
        - pathogenic HNRNPH2 (variant) F78.A9
        - pathogenic SATB2 (variant) F78.A9
        - pathogenic SETBP1 (variant) F78.A9
        - pathogenic STXBP1 (variant) F78.A9
        - pathogenic SYNGAP1 (variant) F78.A9
      - specified NEC F78.A9
      - SYNGAP1-related F78.A1
      - in
        - autosomal dominant mental retardation F78.A9
        - autosomal recessive mental retardation F78.A9
        - SATB2-associated syndrome F78.A9
        - SETBP1 disorder F78.A9
        - STXBP1 encephalopathy with epilepsy (see also Encephalopathy; and see also Epilepsy) F78.A9
        - X-linked mental retardation (syndromic) (Bain type) F78.A9
    - SYNGAP1-related F78.A1
    - X-linked (syndromic) (Bain type) F78.A9



## **Synthetic cannabinoids**

Synthetic cannabinoids have contributed to illness, injury and death in the United States. Synthetic cannabinoids are manmade psychoactive substances, made up of hundreds of chemical compounds. They are called cannabinoids because they act on the same brain cell receptors as tetrahydrocannabinol (THC), the main active ingredient in marijuana. While two synthetic cannabinoids (dronabinol and nabilone) have been approved by Federal Drug Administration (FDA) for clinical use, other synthetic cannabinoids are made illicitly and are illegal in the United States. The U.S. Drug Enforcement Administration (DEA) continues to add newly identified synthetic cannabinoids chemical compounds to the list of Schedule I substances under the Controlled Substance Act. However, chemists can slightly modify the chemical structure and synthesize new compounds that fall outside U.S. controlled substances laws and regulations faster than DEA can add them to the list of Schedule I substances. As a result of the growing variety in the composition of synthetic cannabinoids, there is increasing potential for unpredictable toxicology, unpredictable pharmacological and physiologic effects, and negative health outcomes.<sup>1,2</sup>

While the long-term health outcomes of synthetic cannabinoid use are not well-studied or understood, use of some synthetic cannabinoid compounds has resulted in long-term psychiatric disorders or death.<sup>3</sup> Researchers have found that those who use synthetic cannabinoids had a relative risk of requiring emergency medical care that was 30 times greater than those who use cannabis.<sup>4</sup> Due to the nature of the distribution channels of synthetic cannabinoids, cluster outbreaks have been documented when a tainted or particularly harmful batch enters the market. For example, from March to November 2018, 320 individuals in the Midwest and Northeast presented to healthcare facilities with symptoms of coagulopathy (e.g., severe bleeding from the nose and gums and blood in urine) following synthetic cannabinoid exposure. These synthetic cannabinoid batches appeared to be tainted with brodifacoum, a lethal vitamin K antagonist anticoagulant used as a rodenticide.<sup>5,6</sup> In August 2018, over 70 individuals in New Haven, Connecticut overdosed on a synthetic cannabinoid labeled as K2, and most presented with loss of consciousness and decreased respiratory rate.<sup>7</sup> Additionally, in 2018 over 1,660 individuals were transported to Washington DC area hospitals with synthetic cannabinoid overdoses.<sup>8</sup>

According to the DEA (2018), there are 105 recognized terms for synthetic cannabinoids in the United States. The most common terms include K2, Spice, and Serenity.

Comprehensive surveillance on synthetic cannabinoid exposures does not exist, and public health practitioners must rely on poison control center calls or syndromic surveillance, neither of which are intended to serve as standalone surveillance systems. Currently, there is no distinction between cannabis and synthetics in ICD-10-CM. Given that cannabis and synthetic cannabinoids are substantively different in terms of chemical structure, legal status, and in other ways, this is inappropriate. As public health practitioners strive to reduce drug-related mortality and morbidity, surveillance data using synthetic cannabinoid ICD-10-CM codes is critical to monitor the public health burden.

ICD-10 Coordination and Maintenance Committee Meeting  
March 17-18, 2020

This proposal, submitted by the Division of Overdose Prevention, National Center for Injury Prevention and Control in the Centers for Disease Control and Prevention is requesting to expand codes T40.7 to create separate and specific ICD-10-CM codes for nonfatal synthetic cannabinoid poisoning.

This proposal is supported by the U.S. Food and Drug Administration (FDA), Office of the Assistant Secretary for Planning and Evaluation (ASPE), Johns Hopkins Center for Drug Safety and Effectiveness, National Institute on Drug Abuse (NIDA), American Society of Addiction Medicine (ASAM), and Council of State and Territorial Epidemiologists (CSTE).

**TABULAR MODIFICATIONS**

T40 Poisoning by, adverse effect of and underdosing of narcotics and psychodysleptics [hallucinogens]

The appropriate 7th character is to be added to each code from category T40

- A - initial encounter
- D - subsequent encounter
- S - sequela

T40.7 Poisoning by, adverse effect of and underdosing of cannabis (derivatives)

New sub-subcategory	T40.71 Poisoning by, adverse effect of and underdosing of cannabis (derivatives)
New code	T40.711 Poisoning by cannabis, accidental (unintentional)
New code	T40.712 Poisoning by cannabis, intentional self-harm
New code	T40.713 Poisoning by cannabis, assault
New code	T40.714 Poisoning by cannabis, undetermined
New code	T40.715 Adverse effect of cannabis
New code	T40.716 Underdosing of cannabis

New sub-subcategory	T40.72 Poisoning by, adverse effect of and underdosing of synthetic cannabinoids
New code	T40.721 Poisoning by synthetic cannabinoids, accidental (unintentional)
New code	T40.722 Poisoning by synthetic cannabinoids, intentional self-harm
New code	T40.723 Poisoning by synthetic cannabinoids, assault
New code	T40.724 Poisoning by synthetic cannabinoids, undetermined
New code	T40.725 Adverse effect of synthetic cannabinoids
New code	T40.726 Underdosing of synthetic cannabinoids

ICD-10 Coordination and Maintenance Committee Meeting  
March 17-18, 2020

References

1. Trecki J, Gerona RR, Schwartz MD. Synthetic cannabinoid-related illnesses and deaths. *N Engl J Med*. 2015;373(2):103-107.
2. Ford BM, Tai S, Fantegrossi WE, Prather PL. Synthetic pot: not your grandfather's marijuana. *Trends in Pharmacological Sciences*. 2017;38(3):257-276.
3. Tait RJ, Caldicott D, Mountain D, Hill SL, Lenton S. A systematic review of adverse events arising from the use of synthetic cannabinoids and their associated treatment. *Clinical toxicology*. 2016;54(1):1-13.
4. Winstock A, Lynskey M, Borschmann R, Waldron J. Risk of emergency medical treatment following consumption of cannabis or synthetic cannabinoids in a large global sample. *Journal of Psychopharmacology*. 2015 Jun;29(6):698-703.
5. Kelkar AH, Smith NA, Martial A, Moole H, Tarantino MD, Roberts JC. An outbreak of synthetic cannabinoid-associated coagulopathy in Illinois. *New England journal of medicine*. 2018;379(13):1216-1223.
6. Hafner J, Wright E, Devgun J, et al. Severe Vitamin K-Dependent Coagulopathy Associated With Contaminated Synthetic Cannabinoid Exposure in Illinois. *Annals of Emergency Medicine*. 2018;72(4).
7. Soto K, Grogan E, Senetcky A, Logan S. Real-time monitoring of a mass K2-related overdose outbreak—Connecticut, 2018. *Online Journal of Public Health Informatics*. 2019;11(1).
8. Government of Washington, D.C. Mayor Bowser to introduce legislation that makes it easier to crack down on K2 suppliers [press release]. September 24, 2018. Available from: <https://mayor.dc.gov/release/mayor-bowser-introduce-legislation-makes-it-easier-crack-down-k2-suppliers>

## Thrombocytosis and Essential Thrombocythemia

Thrombocytosis and thrombocythemia are conditions where an elevated platelet count is present in the blood. Generally, thrombocytosis (or thrombocythemia) will refer to secondary or reactive thrombocytosis, which is caused by some other condition. Primary or essential thrombocytosis, or primary or essential thrombocythemia, are a neoplastic condition, involving cancer of the blood or bone marrow (the hematopoietic system). A proposal has been received from Kim Saterbak, RHIT, CTR, the Cancer Registry Coordinator for the Minneapolis Veterans Affairs Health Care System, to create separate specific codes for thrombocytosis or thrombocythemia, when it is not specified as essential or primary, or is specified as secondary or reactive.

Based on this request, it is being proposed to create a specific code for thrombocytosis, unspecified, with secondary thrombocytosis and reactive thrombocytosis to be inclusion terms, at D75.83. This change will enable differentiation in coding between neoplastic cases of essential thrombocythemia, and cases of secondary or reactive thrombocytosis, which are not neoplastic in nature.

### TABULAR MODIFICATIONS

D47	Other neoplasms of uncertain behavior of lymphoid, hematopoietic and related tissue	
	D47.3 Essential (hemorrhagic) thrombocythemia	
	Essential thrombocytosis	
	Idiopathic hemorrhagic thrombocythemia	
Add		Excludes1: secondary thrombocytosis (D75.83)
Add		thrombocytosis NOS (D75.83)
D75	Other and unspecified diseases of blood and blood-forming organs	
	D75.8 Other specified diseases of blood and blood-forming organs	
New code	D75.83	Thrombocytosis, unspecified
Add		Reactive thrombocytosis
Add		Secondary thrombocytosis
Add		Thrombocythemia NOS
Add		Thrombocytosis NOS
Add		Excludes1: Essential thrombocythemia (D47.3)

## **Traumatic Brain Compression and Herniation**

This is a repeat presentation of a revised, simplified proposal, based on a previous proposal from March 2018. The previous proposal was received from the University of Utah Health, Neurology Department, and they also provided an updated proposal for 2020, requesting as a simpler alternative, a single code for traumatic brain herniation. Another recent request from an individual was for codes for traumatic brain compression, as well as related index changes. This proposal incorporates multiple inputs, including the comments received from the prior proposal, as well as subsequent input and proposals received from multiple people and organizations.

Brain compression and herniation occur when brain tissue, cerebrospinal fluid, and blood vessels are moved or pushed away from their usual position inside the skull. Pressure resulting in such movement can be due to brain swelling from a head injury, stroke, brain tumor, abscess, hydrocephaly, or other underlying cause. Brain herniation can occur between areas inside the skull, such as those separated by a rigid membrane like the tentorium or falx, or to the outside of the skull, through the foramen magnum, or through a craniotomy opening, or other defect, whether traumatic or congenital. Traumatic brain injury is one of the most common causes of brain compression and brain herniation.

Different parts of the brain may herniate, each causing a different clinical syndrome. Brain compression may also be significant, whether or not herniation is present. Brain compression and herniation can cause a number of signs and symptoms (e.g., pupillary dilation), and sometimes can be fatal in a short time if not treated. The presence or absence of brain compression or herniation is very important clinically.

Nontraumatic brain herniation is currently being captured with the use of code G93.5, Compression of brain. However, traumatic compression of brain is excluded from there, to codes at S06.2, Diffuse traumatic brain injury, and S06.3, Focal traumatic brain injury. It would also be possible to have brain herniation related to other codes within category S06. However, at this time, it is not possible to differentiate whether or not brain herniation is present using these codes.

Traumatic brain injury is also an active and important area of research. Having codes for traumatic herniation has potential to help with future research that could advance the care of these incredibly ill patients.

**TABULAR MODIFICATIONS**

	G93	Other disorders of brain
		G93.5 Compression of brain
Delete		Excludes1: <del>diffuse traumatic compression of brain (S06.2-)</del>
Delete		<del>focal traumatic compression of brain (S06.3-)</del>
Add		traumatic compression of brain (S06.A-)
	S06	Intracranial injury
		S06.2 Diffuse traumatic brain injury
Add		Use additional code, if applicable, for traumatic brain compression (S06.A-)
		S06.3 Focal traumatic brain injury
Add		Use additional code, if applicable, for traumatic brain compression (S06.A-)
		S06.5 Traumatic subdural hemorrhage
Add		Use additional code, if applicable, for traumatic brain compression (S06.A-)
		S06.6 Traumatic subarachnoid hemorrhage
Add		Use additional code, if applicable, for traumatic brain compression (S06.A-)
New subcategory		S06.A Traumatic brain compression and herniation
Add		Traumatic cerebral compression
Add		Code first the underlying traumatic brain injury, such as:
Add		Diffuse traumatic brain injury (S06.2)
Add		Focal traumatic brain injury (S06.3-)
Add		Traumatic subdural hemorrhage (S06.5-)
Add		Traumatic subarachnoid hemorrhage (S06.6-)



ICD-10 Coordination and Maintenance Committee Meeting  
March 17-18, 2020

Add - - nontraumatic G93.5

Add - - traumatic S06.A1

Injury...

Revise - intracranial (traumatic) (see also, if applicable, Compression, brain, traumatic)  
S06.9-

References

Kim JJ, Gean AD. Imaging for the Diagnosis and Management of Traumatic Brain Injury. Neurotherapeutics. 2011 Jan; 8(1): 39-53. Published online 2011 Jan 8.

<https://dx.doi.org/10.1007/s13311-010-0003-3>

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3026928/>

---. Brain herniation. MedlinePlus. U.S. National Library of Medicine, National Institutes of Health. 2016.

<https://medlineplus.gov/ency/article/001421.htm>



## Vaping-related disorder

### ICD-10-CM Tabular List of Diseases and Injuries April 2020 Addenda

New chapter	Chapter 22
Add	Codes for special purposes (U00-U85)
New section	Provisional assignment of new diseases of uncertain etiology or emergency use (U00-U49)
Add	Note: Codes U00-U49 are to be used by WHO for the provisional assignment of new diseases of uncertain etiology.
New category	U07 Conditions of uncertain etiology
New code	U07.0 Vaping-related disorder
Add	Dabbing related lung damage
Add	Dabbing related lung injury
Add	E-cigarette, or vaping, product use associated lung injury [EVALI]
Add	Electronic cigarette related lung damage
Add	Electronic cigarette related lung injury
Add	Use additional code, to identify manifestations, such as:
Add	abdominal pain (R10.84)
Add	acute respiratory distress syndrome (J80)

ICD-10 Coordination and Maintenance Committee Meeting  
March 17-18, 2020

Add	diarrhea (R19.7)
Add	drug-induced interstitial lung disorder (J70.4)
Add	lipoid pneumonia (J69.1)
Add	weight loss (R63.4)

**ICD-10-CM Index List of Diseases and Injuries  
April 2020 Addenda**

Damage

- Add - lung
- Add - - dabbling (related) U07.0
- Add - - electronic cigarette (related) U07.0
- Add - - vaping (device) (product) (use) (associated) U07.0
- Add - organ
- Add - - dabbling (related) U07.0
- Add - - electronic cigarette (related) U07.0
- Add - - vaping (device) (product) (use) (associated) U07.0

Disease, diseased - see also Syndrome

- lung
- Add - - dabbling (related) U07.0
- Add - - electronic cigarette (related) U07.0
- Add - - vaping (device) (product) (use) (associated) U07.0
- Add - organ
- Add - - dabbling (related) U07.0
- Add - - electronic cigarette (related) U07.0
- Add - - vaping (device) (product) (use) (associated) U07.0

Disorder

- lung, interstitial, drug-induced J70.4
- Add - - dabbling (related) U07.0
- Add - - e-cigarette (related) U07.0
- Add - - electronic cigarette (related) U07.0
- Add - - vaping (device) (product) (use) (associated) (related) U07.0

Injury

- Add - lung
- Add - - dabbling (related) U07.0
- Add - - electronic cigarette (related) U07.0
- Add - - EVALI - [e-cigarette, or vaping, product use associated] U07.0
- Add - - vaping (device) (product) (use) (associated) U07.0

## COVID-19

### ICD-10-CM Tabular List of Diseases and Injuries October 1, 2020 Addenda

#### Chapter 22

Codes for special purposes (U00-U85)

Provisional assignment of new diseases of uncertain etiology or emergency use (U00-U49)

Add Note: Codes U00-U49 are to be used by WHO for the provisional assignment of new diseases of uncertain etiology.

#### U07 Conditions of uncertain etiology

New code U07.1 COVID-19

Add Use additional code to identify pneumonia or other manifestations.

Add Excludes1: Coronavirus infection, unspecified site (B34.2)

Add Coronavirus as the cause of diseases classified to other chapters (B97.2-)

Add Severe acute respiratory syndrome [SARS], unspecified (J12.81)

**ICD-10-CM TABULAR OF DISEASES - PROPOSED ADDENDA**  
**All proposed effective October 1, 2021**

	C30	Malignant neoplasm of nasal cavity and middle ear
	C30.0	Malignant neoplasm of nasal cavity
Revise		Excludes1: other and unspecified malignant neoplasm of skin of nose (C44.301, C44.311, C44.321, C44.391)
	C84	Mature T/NK-cell lymphomas
	C84.7	Anaplastic large cell lymphoma, ALK-negative
Add		Breast implant-associated anaplastic large cell lymphoma [BIA-ALCL]
	D02	Carcinoma in situ of middle ear and respiratory system
	D02.3	Carcinoma in situ of other parts of respiratory system
Revise		Excludes1: carcinoma in situ of nose NOS (D09.8)
		Metabolic disorders (E70-E88)
Delete		<del>Excludes1: Ehlers-Danlos syndromes (Q79.6-)</del>
Add		Excludes2: Ehlers-Danlos syndromes (Q79.6-)
	M35	Other systemic involvement of connective tissue
	M35.7	Hypermobility syndrome
Revise		Excludes1: Ehlers-Danlos syndromes (Q79.6-)
	E87	Other disorders of fluid, electrolyte and acid-base balance
	E87.2	Acidosis
Revise		Excludes1: diabetic acidosis - see categories E08-E10, <u>E11</u> , E13 with ketoacidosis
	G05	Encephalitis, myelitis and encephalomyelitis in diseases classified elsewhere
Add		Code first underlying disease, such as: congenital toxoplasmosis encephalitis, myelitis and encephalomyelitis (P37.1)

ICD-10 Coordination and Maintenance Committee Meeting  
 March 17-18, 2020

- Add cytomegaloviral encephalitis, myelitis and encephalomyelitis (B25.8)
- Add encephalitis, myelitis and encephalomyelitis (in) systemic lupus erythematosus (M32.19)
- Add eosinophilic meningoencephalitis (B83.2)
- human immunodeficiency virus [HIV] disease (B20)
- poliovirus (A80.-)
- suppurative otitis media (H66.01-H66.4)
- trichinellosis (B75)

Excludes1: adenoviral encephalitis, myelitis and encephalomyelitis (A85.1)

- Delete ~~congenital toxoplasmosis encephalitis, myelitis and encephalomyelitis (P37.1)~~
- Delete ~~cytomegaloviral encephalitis, myelitis and encephalomyelitis (B25.8)~~
- Delete ~~encephalitis, myelitis and encephalomyelitis (in) systemic — lupus erythematosus (M32.19)~~
- Delete ~~eosinophilic meningoencephalitis (B83.2)~~

G55 Nerve root and plexus compressions in diseases classified elsewhere

- Revise Excludes1: ~~nerve root compression (due to) (in) spondylosis (M47.0-M47.2, M47.0-, M47.2-)~~

J80 Acute respiratory distress syndrome

- Add Acute lung injury

K52 Other and unspecified noninfective gastroenteritis and colitis

K52.2 Allergic and dietetic gastroenteritis and colitis

- Delete Excludes2: ~~food protein-induced proctocolitis (K52.82)~~

K52.29 Other allergic and dietetic gastroenteritis and colitis

- Add Allergic proctocolitis
- Add Food-induced eosinophilic proctocolitis
- Add Food protein-induced proctocolitis
- Add Milk protein-induced proctocolitis

ICD-10 Coordination and Maintenance Committee Meeting  
March 17-18, 2020

K52.8 Other specified noninfective gastroenteritis and colitis

K52.82 Eosinophilic colitis

- Delete ~~Allergic proctocolitis~~
- Delete ~~Food-induced eosinophilic proctocolitis~~
- Delete ~~Food protein-induced proctocolitis~~
- Delete ~~Milk protein-induced proctocolitis~~
- Add Excludes2: Allergic proctocolitis (K52.29)
- Add Food-induced eosinophilic proctocolitis (K52.29)
- Add Food protein-induced proctocolitis (K52.29)
- Add Food protein-induced enterocolitis syndrome (FPIES)  
(K52.21)
- Add Milk protein-induced proctocolitis (K52.29)

L89 Pressure ulcer

L89.0 Pressure ulcer of elbow

L89.01 Pressure ulcer of right elbow

- Revise L89.019 Pressure ulcer of right elbow, unspecified stage  
Healing pressure ulcer of right of elbow NOS

L89.02 Pressure ulcer of left elbow

- Revise L89.029 Pressure ulcer of left elbow, unspecified stage  
Healing pressure ulcer of left of elbow NOS

M35 Other systemic involvement of connective tissue

M35.7 Hypermobility syndrome

- Delete ~~Excludes1: Ehlers-Danlos syndromes (Q79.6-)~~
- Add Excludes2: Ehlers-Danlos syndromes (Q79.6-)

P04 Newborn affected by noxious substances transmitted via placenta or breast  
milk

- Add Code first any current condition in newborn

ICD-10 Coordination and Maintenance Committee Meeting  
March 17-18, 2020

- R57 Shock, not elsewhere classified  
Revise Excludes1: ~~anesthetic shock(T88.3)~~ shock due to anesthesia (T88.2)
- S00 Superficial injury of head  
S00.1 Contusion of eyelid and periocular area  
Black eye  
Revise Excludes2: contusion of eyeball and orbital tissues (S05.1-)
- S01 Open wound of head  
S01.0 Open wound of scalp  
Revise Excludes1: avulsion of scalp (S08.0-)
- T79 Certain early complications of trauma, not elsewhere classified  
T79.4 Traumatic shock  
Revise Excludes1: ~~anesthetic shock~~ shock due to anesthesia (T88.2)
- T81 Complications of procedures, not elsewhere classified  
T81.1 Postprocedural shock  
Revise Excludes1: ~~anesthetic shock~~ shock due to anesthesia (T88.2)
- T86 Complications of transplanted organs and tissue  
T86.2 Complications of heart transplant  
Excludes1: complication of:  
Revise artificial heart device (T82.5-)  
Revise heart-lung transplant (T86.3-)
- W25 Contact with sharp glass  
Revise Excludes1: fall on same level due to slipping, tripping and stumbling with  
subsequent striking against sharp glass (W01.110-)  
Revise striking against sharp glass with subsequent fall (W18.02-)  
Revise Excludes2: glass embedded in skin (W45.-)



ICD-10 Coordination and Maintenance Committee Meeting  
March 17-18, 2020

- Z01 Encounter for other special examination without complaint, suspected or reported diagnosis
- Z01.0 Encounter for examination of eyes and vision
- Z01.02 Encounter for examination of eyes and vision following failed vision screening
- Revise Excludes1: ~~examination~~ encounter for examination of eyes and vision with abnormal findings (Z01.01)
- Revise ~~examination~~ encounter for examination of eyes and vision without abnormal findings (Z01.00)
- Z3A Weeks of gestation
- Note: Codes from category Z3A are for use, only on the maternal record, to indicate the weeks of gestation of the pregnancy, if known.
- Delete ~~Code first complications of pregnancy, childbirth and the puerperium (O09-O9A)~~
- Add Code first complications of pregnancy, childbirth (O09-O60, O80-O82)
- Z45 Encounter for adjustment and management of implanted device
- Z45.8 Encounter for adjustment and management of other implanted devices
- Z45.81 Encounter for adjustment or removal of breast implant
- Encounter for elective implant exchange (different material) (different size)
- Revise Encounter for removal of tissue expander with or without synchronous insertion of permanent implant
- Z79 Long term (current) drug therapy
- Z79.8 Other long term (current) drug therapy
- Z79.84 Long term (current) use of oral hypoglycemic drugs
- Long term (current) use of oral antidiabetic drugs
- Revise ~~Excludes2~~ Excludes1: long term (current) use of insulin (Z79.4)

ICD-10 Coordination and Maintenance Committee Meeting  
March 17-18, 2020

Z85 Personal history of malignant neoplasm

Z85.8 Personal history of malignant neoplasms of other organs and  
systems

Delete

~~Conditions classifiable to C00-C14, C40-C49, C69-C75, C7A.098,  
C76-C79~~

**ICD-10-CM INDEX OF DISEASES - PROPOSED ADDENDA**  
**All proposed effective October 1, 2021**

- Revise Abnormal, abnormality, abnormalities - see also Anomaly  
- liver function test ~~R94.5~~ (see also Elevated, liver function, test) R79.89
- Add Abscess  
- presacral K68.19
- Revise Accident  
- transport  
- - occupant  
- - - vehicle NEC ~~V89.9~~ V89.2
- Delete Adenoma - see also Neoplasm, benign, by site  
~~—duet~~
- Revise Complication(s) (from) (of)  
- joint prosthesis, internal T84.9  
- - mechanical  
- - - periprosthetic osteolysis T84.059
- Revise Emaciation (~~due to malnutrition~~) ~~E41~~ R64  
Add - due to malnutrition E43
- Revise Findings, abnormal, inconclusive, without diagnosis - see also Abnormal  
- liver function test (see also Elevated, liver function, test) R79.89
- Revise Gangrene...  
- with diabetes (mellitus) - see Diabetes, with, gangrene  
Revise - diabetic (any site) - see Diabetes, with, gangrene
- Add Hypertension, hypertensive (accelerated) (benign) (essential) (idiopathic)  
(malignant) (systemic) I10  
- pulmonary I27.20  
- - due to  
- - - kyphoscoliotic heart disease I27.1
- Revise Inflammation  
- nerve NEC - see ~~Neuralgia~~ Neuritis

ICD-10 Coordination and Maintenance Committee Meeting  
March 17-18, 2020

	Obstruction
	-ureter
	- - with
	- - - hydronephrosis
Add	- - - - congenital Q62.39
	Osteoarthritis M19.90
	- primary M19.91
Revise	- - multiple sites <del>M89.49</del> <u>M15.9</u>
	Polyp, polypus
	- colon K63.5
	- - adenomatous D12.6
Add	<u>- - - sigmoid D12.5</u>
Add	<u>- - - transverse D12.3</u>
Add	- - ascending K63.5
Add	- - cecum K63.5
Add	- - descending K63.5
Revise	- - sigmoid <del>D12.5</del> <u>K63.5</u>
Revise	- - transverse <del>D12.3</del> <u>K63.5</u>
	Pregnancy
	- complicated by
	- -infection(s) O98.91-
Add	- - -intrauterine O41.12
Add	- -inflammation
Add	- - - intrauterine O41.12
	Procedure (surgical)
	- not done Z53.9
	- - because of
	- - - patient's decision Z53.20
Revise	- - - - left against medical advice (AMA) <del>Z53.21</del> <u>Z53.29</u>
Add	- - - - left without being seen Z53.21
	Refusal of
	- treatment (because of) Z53.20
Revise	- - left against medical advice (AMA) <del>Z53.21</del> <u>Z53.29</u>
Add	- - left without being seen Z53.21
	Seizure(s) (see also Convulsions) R56.9
	- petit mal G40.A-
Revise	- - intractable <del>G40.419</del> <u>G40.A1-</u>
Revise	- - - with status epilepticus <del>G40.411</del> <u>G40.A11</u>

ICD-10 Coordination and Maintenance Committee Meeting  
March 17-18, 2020

Revise - - - without status epilepticus ~~G40.419~~ G40.A19  
Revise - - not intractable ~~G40.409~~ G40.A0  
Revise - - - with status epilepticus ~~G40.401~~ G40.A01  
Revise - - - without status epilepticus ~~G40.409~~ G40.A09

Add Skin - see also condition  
- dry L85.3

Stenosis...  
Revise - heart valve (~~congenital~~) ~~Q24.8~~ (see also Endocarditis) I38  
Revise - - aortic ~~Q23.0~~ see Stenosis, aortic  
Add - - congenital Q24.8  
Revise - - mitral ~~Q23.2~~ see Stenosis, mitral  
Revise - - pulmonary ~~Q22.1~~ see Stenosis, pulmonary, valve  
Revise - - tricuspid ~~Q22.4~~ see Stenosis, tricuspid

Test, tests, testing (for)  
Revise - blood-alcohol ~~Z04.89~~ Z02.83

Add Vasculitis I77.6  
- leukocytoclastic M31.0