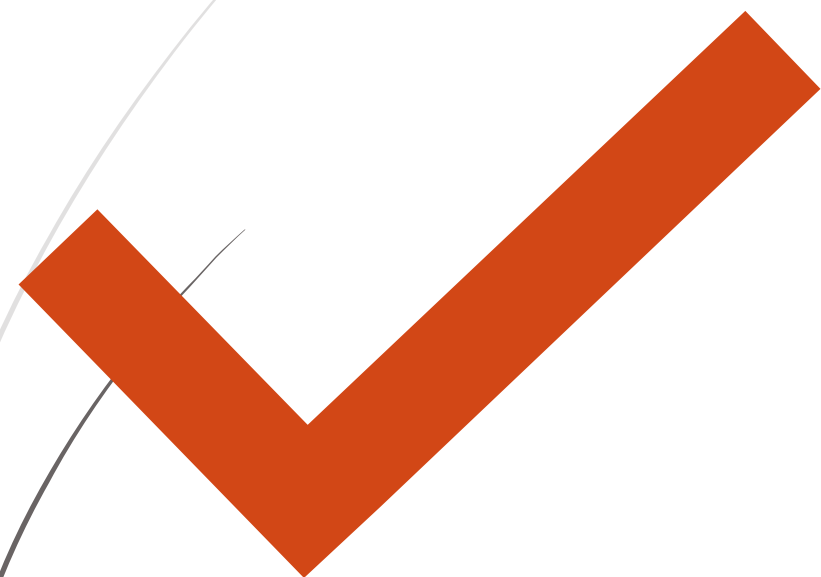




Common Coding Edits for 2025 and New 2026 FL Edits

September 10, 2026

Barbara Dearmon Neyland, BS, ODS-C,
FCDS Quality Control Coordinator

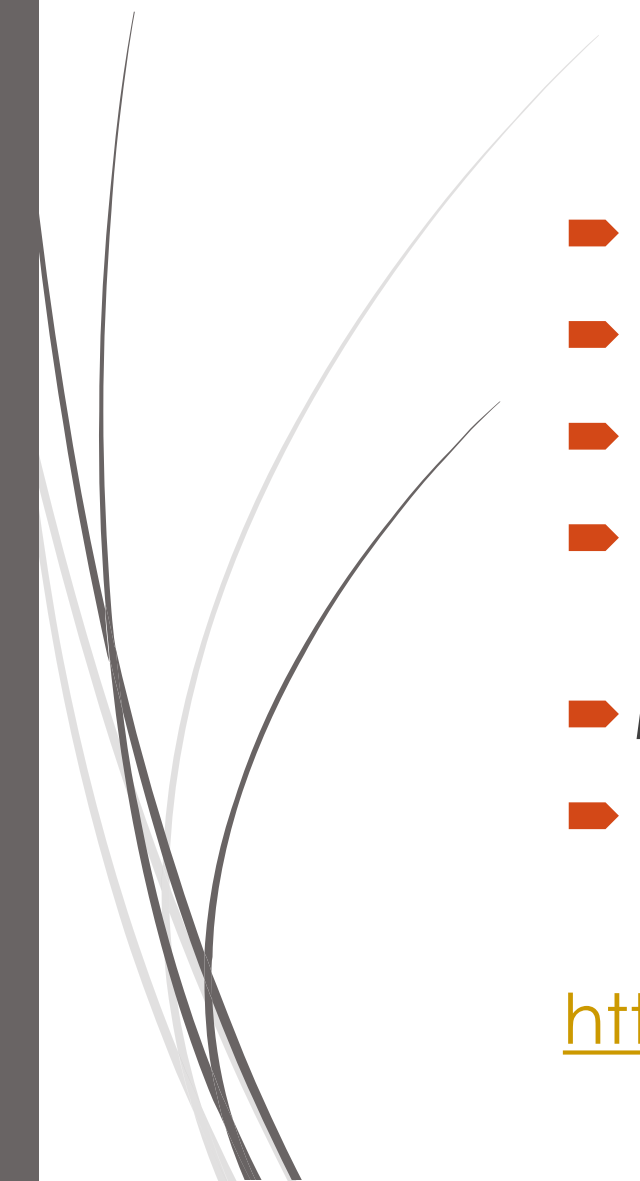


Objectives

- Review Common Edit Discrepancies
- Discuss How to Resolve Edits
- Review FCDS New v26 Edits



FCDS 2026 Updates



- FCDS DAM
- FCDS v26 Record Layout
- FCDS/NAACCR V26A metafiles
- ICD-10-CM Casefinding List for Reportable Tumors
(10/1/2025 and later encounters)
- *New Reportable Neoplasms*
- FCDS Memo

<https://fcds.med.miami.edu/inc/downloads.shtml>

2024 vs 2025 Edit Count Comparison

2024 vs 2025 Edit Count Comparison				
Edit	2025	2024	Change	% Change
Sequence already exists for this Acc NBR	8,197	8,414	-217	-2.6%
Probable duplicate detected in master file	4,276	3,375	901	26.7%
Demographic info on Seq in pending file does not match in Master File	3,887	3,393	494	14.6%
PT with multiple primary, DX confirmation not equal 1,2,4 or 5	3,609	3,569	40	1.1%
If Surgery performed, Date Surgery can not be BLANK	1,159	868	291	33.5%
Required Sequence(s) missing	2,725	2,452	273	11.1%
Histologic Type/Behavior Code not valid with primary site	2,222	3,602	-1,380	-38.3%
Sequence 01 cannot exist without a Sequence 02	2,020	1984	36	1.81%
Unlikely combination for site/histology/behavior	1931	103	1,828	17.75
Site requires a Laterality code of 0	858	978	-120	-0.12

Top 10 Coding Errors

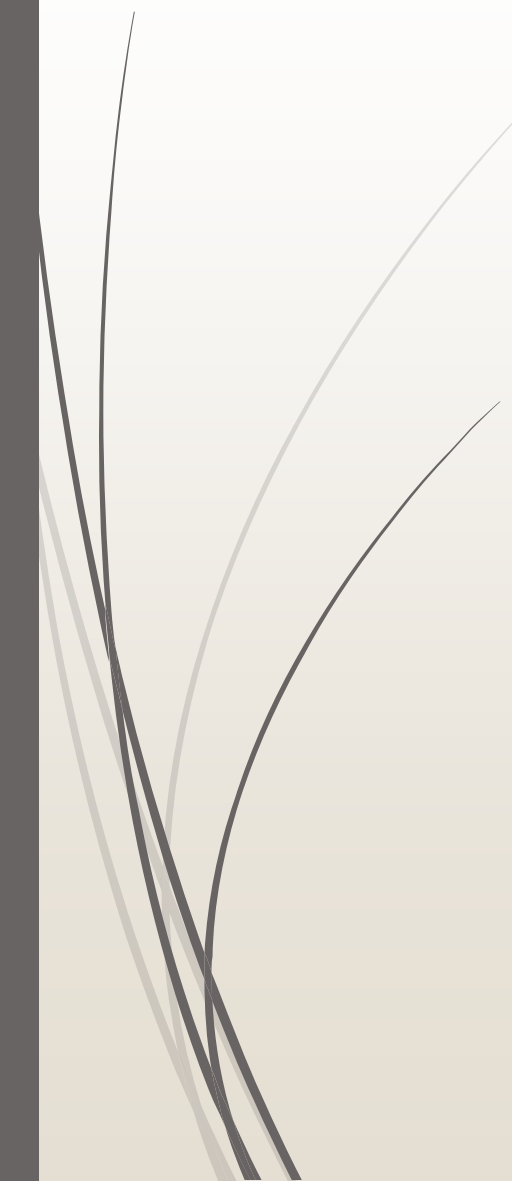
Coding Error	Edit Count
Sequence already exists for this Accession Number in the master file	8,197
Patient has multiple primaries and Dx Confirmation is not equal to 1, 2, 4 or 5 on all Sequences	6,247
If Surgery and Systemic Therapy items both indicate treatment, RX Summ--Systemic/Sur Seq must = 2-7 or 9	1,159
Probable duplicate detected in master file	4,276
Demographic information on Sequence in pending file does not match that in master file	3,887

Top 10 Coding Errors

Coding Error	Edit Count
There are required Sequence(s) missing for this Accession Number	2,725
Sequence 02 is being processed without a Sequence 01	2,291
Histologic Type ICDO3/Behavior Code ICDO-3 not valid with Primary Site	2,222
This is an unlikely combination for site and histology/behavior	1,931
Histology code 8046 (non-small cell) is not recommended	1,403



Sequence



- ▶ A Sequence 00 or 01 exists in the master file while processing a Sequence 01
- ▶ A Sequence 01 cannot exist without a Sequence 02.
- ▶ A Sequence 61 exists in the pending file without a Sequence 62
- ▶ Cannot have Sequence 02 and Sequence 00 in the same batch
- ▶ Cannot have Sequence 62 and Sequence 60 in the pending file



Sequence (Cont.)

- ▶ Sequence 00 and Sequence 01 cannot exist within the same batch being processed
- ▶ Sequence 02 being processed without a Sequence 01 in pending file or 00 or 01 in master file
- ▶ Sequence 02 exists in workfile but Sequence 01 failed edits
- ▶ Sequence already exists for this Accession Number in the master file
- ▶ Sequence Greater than Zero with Ill-Defined Primary Site (C76.* or C80.9) or Ill-Defined Lymphoma or Ill-Defined Leukemia

Tips to Avoid Sequence Edits

- ▶ Cross-reference cases against FCDS Alpha list or database
- ▶ Look up cases by name, SSI, and date of birth, MMI
- ▶ Check for historical cases
- ▶ Code 60 only if the patient has a single non-malignant primary
- ▶ Code 00 only if the patient has a single malignant primary
- ▶ Review FL reporting rules

Malignant or In Situ Primaries

Code	Definition
00	One malignant or <i>in situ</i> primary only in the patient's lifetime
01	First of two or more independent malignant or <i>in situ</i> primaries
02	Second of two or more independent or <i>in situ</i> primaries
...	(Actual sequence of this malignant or <i>in situ</i> primary)
59	Fifty-ninth of 59 or more independent malignant or <i>in situ</i> primaries
99	Unknown number of malignant or <i>in situ</i> primaries



Laterality

- ▶ Check Laterality - Laterality must equal 0, 1, 2, 3, or 5. Laterality cannot = 4 or 9 when Stage = 0 (In Situ)
- ▶ Laterality cannot = 4 for this CS Extension
- ▶ Laterality cannot = 9 for this CS Extension
- ▶ Laterality must not be 0 for C44.4, for diagnosis date 2021+
 - ▶ Skin of head, NOS
 - ▶ Skin of scalp
 - ▶ Skin of neck
 - ▶ Skin of cervical region
 - ▶ Skin of supraclavicular region
- ▶ Code 0 when the primary site is unknown (C80.9)

Tips to Avoid Edits on Laterality

- ▶ Reference list of paired sites in STRs and FCDS manual
- ▶ Assign code 0 for Unknown Primary
- ▶ Assign code 5 (midline) for the following sites
 - ▶ C700, C710-C714, C722-C725, C443, C444, C445
- ▶ Assign code 4 – Bilateral involvement both ovaries involved simultaneously, single histology; bilateral retinoblastoma, bilateral Wilms tumor. Both breasts involved with diagnosis of bilateral inflammatory carcinoma at diagnosis or diffuse bilateral lung nodules
- ▶ Assign 9 when laterality is unknown for paired site

Dates

- 
- A red pushpin is pinned to a calendar grid. The grid shows dates 14, 15, 22, 23, and 24. The pushpin is positioned over the date 15.
- Date must be a full valid date with all date components populated. Partial dates are not allowed.
 - An unknown date or partial diagnosis date is not acceptable

Date of Diagnosis

- Diagnosis Date must be less than or equal to Abstract Date
- Diagnosis Date must be less than or equal to Date First Contact plus 30 days
- Diagnosis Date must be less than or equal to Date Last Contact
- Diagnostic Confirmation must not = 3 for this histology, genetic information not included in diagnosis
- Diagnostic Confirmation must= 3 for this histology, genetic information included in diagnosis

Microscopically Confirmed

Code	Description
1	Positive histology Includes: peripheral blood smear only
2	Positive cytology
3	Positive histology PLUS: • Positive immunophenotyping AND/OR • Positive genetic studies Includes: peripheral blood smear followed by flow cytometry <i>(Effective for cases diagnosed 1/1/2010 and later)</i>
4	Positive microscopic confirmation, method not specified

Tips to Avoid Edit – Diagnostic Confirmation Code 3

Code 3: Positive histology PLUS positive immunophenotyping or genetic testing

Code 3 can be used for cases diagnosed **2010+** with histologic confirmation (see [code 1](#)) **AND** immunophenotyping, genetic testing, or JAK2 confirmation

- Certain histologies will ALWAYS have a diagnostic confirmation code 3. These ICD-O codes/terms are defined by genetics, meaning the only way they can be diagnosed is through genetic testing.
 - The following histologies are diagnosed based on immunophenotyping or genetics and therefore should only be diagnostic confirmation 3: 9806/3, 9807/3, 9808/3, 9809/3, 9812/3, 9813/3, 9814/3, 9815/3, 9816/3, 9817/3, 9818/3, 9819/3, 9865/3, 9866/3, 9869/3, 9871/3, 9877/3, 9878/3, 9879/3, 9896/3, 9897/3, 9911/3, 9912/3, 9965/3, 9966/3, 9967/3, 9968/3, 9986/3.
- Histologies that are NEVER confirmation code 3
The following histologies should never be assigned diagnostic confirmation 3 since they are non-specific codes and neither genetic testing or immunophenotyping are listed as Definitive Diagnostic Methods for these histologies in the Hematopoietic database: 9590/3, 9655/3, 9800/3, 9820/3, 9860/3, 9863/3, 9975/3, 9980/3, 9982/3, 9989/3, 9991/3.
 - If there is immunophenotyping or genetics available, then a more specific histology code may be able to be assigned

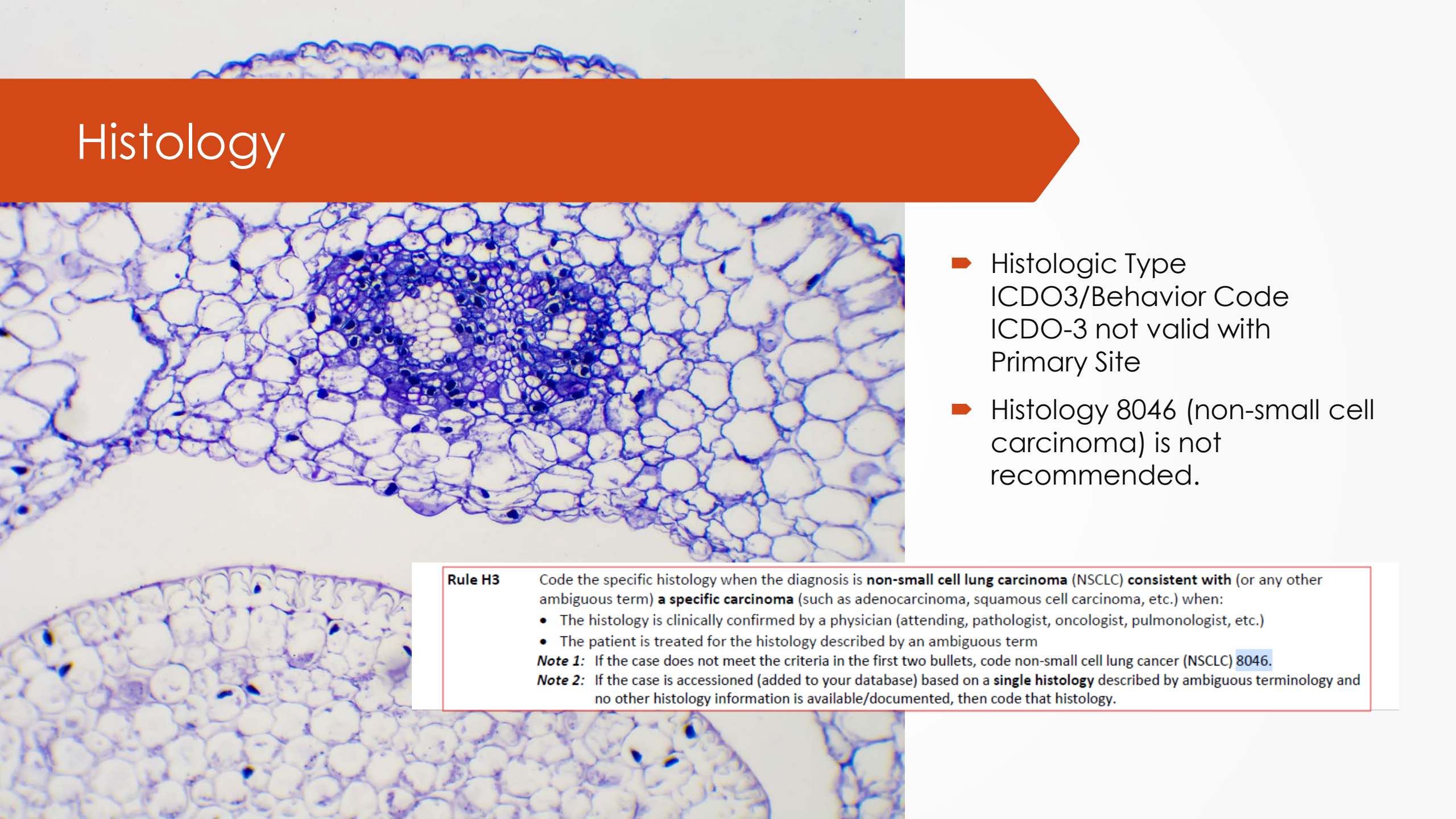
Example: 9812/3: B Lymphoblastic leukemia/lymphoma with t(9;22)(q34;q11.2); BCR-ABL1 - always diagnostic confirmation code 3

2026 updates: only the most common immunophenotyping and genetics were included. If immunophenotyping or genetics are used by the pathologist/managing physician to identify and document a specific neoplasm and specific immunophenotyping or genetics are not included in the Hematopoietic database AND cytogenetics/genetic testing and/or immunophenotyping/immunohistochemistry are listed as Definitive Diagnostic methods for that histology, go ahead and use these to code diagnostic confirmation code 3.



Demographics and Gender

- ▶ Demographic information on Sequence in pending file does not match that in master file
 - ▶ Gender must be the same on all abstracts for this patient.
- 

The background of the slide features a histology slide showing a cross-section of tissue. A prominent feature is a large, irregular, darkly stained area in the center, which appears to be a cluster of cells or a lesion. The surrounding tissue is lighter and shows a more regular cellular structure. The overall image is in shades of purple and blue, typical of H&E staining.

Histology

- Histologic Type
ICDO3/Behavior Code
ICDO-3 not valid with
Primary Site
- Histology 8046 (non-small cell
carcinoma) is not
recommended.

Rule H3

Code the specific histology when the diagnosis is **non-small cell lung carcinoma (NSCLC) consistent with** (or any other ambiguous term) **a specific carcinoma** (such as adenocarcinoma, squamous cell carcinoma, etc.) when:

- The histology is clinically confirmed by a physician (attending, pathologist, oncologist, pulmonologist, etc.)
- The patient is treated for the histology described by an ambiguous term

Note 1: If the case does not meet the criteria in the first two bullets, code non-small cell lung cancer (NSCLC) 8046.

Note 2: If the case is accessioned (added to your database) based on a **single histology** described by ambiguous terminology and no other histology information is available/documented, then code that histology.

Behavior



ICD-O-3 Behavior 2 requires Dx Confirmation 1, 2, or 4



ICD-O-3 Behavior is out of range



ICD-O-3 Behavior must not = 2 when
Site=C26.9,C39.9,C55.9,C57.9,C63.9,C68.9,C72.9,C75.9, C76.*, or C80.9

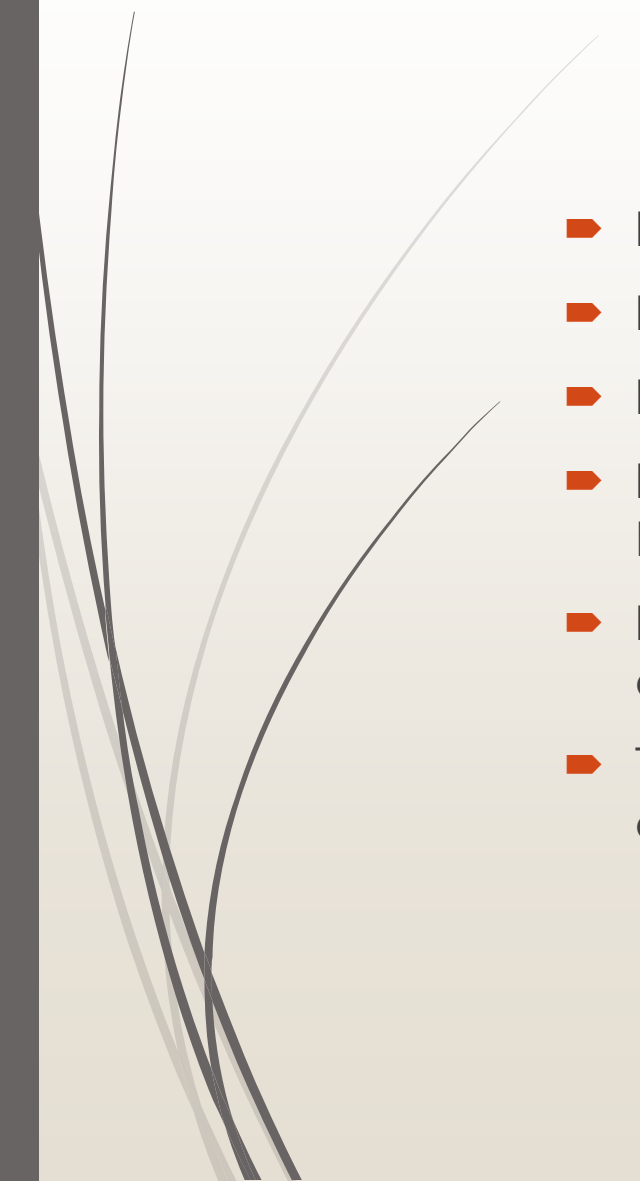


ICD-O-3 morphology cannot equal 8521/3 when site = C50.*. Verify morphology code

- 8521/2 for site C50 is impossible
- 8521/3 for Site C50 is obsolete – please verify



Address at Diagnosis



- If Addr at DX--State = ZZ, County at DX must = 999.
- If Addr at DX--State not = FL or ZZ, County at DX must = 998
- If Addr at DX--State = FL, County at DX must = a valid Florida county code
- If Addr at DX--State = FL, and Class of Case = 00-30 or 34-43, Addr at Dx--Postal Code cannot = 99999
- If Addr at DX--State = FL and Class of Case = 00-30 or 34-37 or 40-43, Addr at DX--City cannot = UNKNOWN
- The Addr Current--City, County--Current, and/or Addr Current--Postal Code combination is not valid according to the United States Postal Service (USPS).

Schema Discriminator

- ▶ The combination of Primary Site and Histology requires Schema Discriminator 1 to assign Schema ID
- ▶ The combination of Primary Site and Histology requires Schema Discriminator 2 to assign Schema ID
- ▶ Schema Discriminator 1 is not required and is not valid for this site and histology
- ▶ Schema Discriminator 1 is not valid for the combination of Primary Site and Histology
- ▶ Schema Discriminator 1 must be blank for cases diagnosed before 2018

FCDS Requires the Following SSDIs for Cases Diagnosed/Treated 2018 and Forward:

Core/ Derived	Item #	Item Name	Length	Start Date
C	1068	Grade Post Therapy Clin (yc)	2	2021
D	3800	Schema ID	5	2018
C	1172	Post Transplant Lymphoproliferative Disorder (PTLD)	1	2025
C	1174	PD-L1	5	2025
C	3816	Brain Molecular Markers	2	2018
C	3817	Breslow Tumor Thickness	4	2018
C	3827	Estrogen Receptor Summary	1	2018
C	3829	Esophagus and EGJ Tumor Epicenter	1	2022
C	3835	Fibrosis Score	1	2018
C	3838	Gleason Patterns Clinical	2	2021
C	3839	Gleason Patterns Pathological	2	2021
C	3840	Gleason Score Clinical	2	2021
C	3841	Gleason Score Pathological	2	2021
C	3842	Gleason Tertiary Pattern	2	2021
C	3843	Grade Clinical	1	2018
C	3844	Grade Pathological	1	2018
C	3845	Grade Post Therapy Path (yp)	1	2018
C	3855	HER2 Overall Summary (breast)	1	2018
C	3890	Microsatellite Instability (MSI) (Colon and Rectum, Corpus Carcinoma and Carcinosarcoma)	1	2018
C	3915	Progesterone Receptor Summary	1	2018
C	3920	PSA (Prostatic Specific Antigen) Lab Value	5	2018
C	3932	LDH Pretreatment Lab Value	7	2018
C	3956	P16 (cervix, anus, vulva)	2	2024
C	3960	Histologic Subtype (appendix)	1	2023
C	3964	Brain Primary Tumor Location	1	2024

<https://apps.naaccr.org/ssdi/list/>

Tips to avoid edits

Schema Discriminator

- FCDS only requires a limited number of SSDI's to be reported.
- FCDS requires all SSDIs that are 'required for staging' or 'prognostically significant' according to AJCC, NPCR, and SEER reviews.
- FCDS only requires those SSDIs required by the CDC/NPCR
- Each Site-Specific Data Item (SSDI) applies only to selected schemas
- The most current version of the SSDI

<https://apps.naaccr.org/ssdi/list/manual> is version 3.13



Rx Summ-Surg Rad Seq

- ▶ If both RX Summ--Surg/Rad Seq and RX Summ--Systemic Sur/Seq = 0, Grade Post Therapy Path (yp) must be blank
- ▶ If RX Summ--Treatment Status = 1, treatment items must show treatment given; if any treatment is given, RX Summ--Treatment Status must = 1
- ▶ The Addr Current--City, County--Current, and/or Addr Current--Postal Code combination is not valid according to the United States Postal Service (USPS). <https://tools.usps.com/zip-code-lookup.htm>
- ▶ The coded value is invalid for RX Summ--Surg Prim Site 03-2022
- ▶ RX Summ--Scope Reg LN Sur must not = 9
 - ▶ C420, C421, C423, C424, C589, C700-C709, C710-C729, C751- C753, C761-C768, C770-C779, C809



RX Summ Surg Prim Site

- If RX Date Surgery is not blank, surgery fields must show surgery performed
- If RX Date--Surgery is not blank, RX Text--Surgery must not be blank.
- If RX Summ--Surg Prim Site 2023 = A000, A980, A990, B000, or B990, RX Date Mst Defn Srg must be blank
- If RX Summ--Surg Prim Site 2023 = A100-A900 or B100-B900, RX Date Mst Defn Srg must not be blank
- If RX Summ--Surg Prim Site 2023, RX Summ--Scope Reg LN Sur, and RX Summ--Surg Oth Reg/Dis all indicate no or unknown treatment, RX Date Surgery must be blank

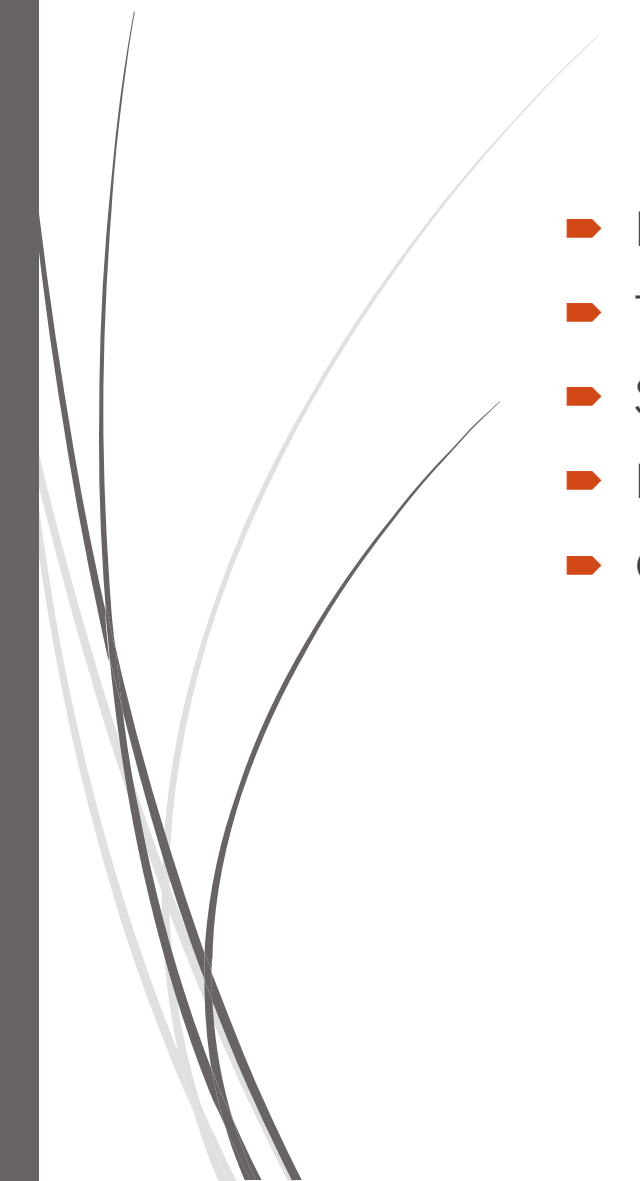


Treatment Status - Surg

- ▶ If RX Summ--Surg Prim Site 2023, RX Summ--Scope Reg LN Sur, and RX Summ--Surg Oth Reg/Dis all indicate no or unknown treatment, RX Date Surgery must be blank
- ▶ If Surgery and Systemic Therapy items both indicate treatment, RX Summ--Systemic/Sur Seq must = 2-7 or 9
- ▶ If Surgery items indicate treatment performed, RX Date Surgery must not be blank
- ▶ RX Summ--Surg Prim Site 2023 is invalid for the Primary Site for the diagnosis year
- ▶ Pediatric Age/Site/Hist conflict



What is an Edit Metafile?

- 
- Edit metafiles are primarily used for
 - The role of Edit Metafile Administrators
 - Support from NPCR and NAACCR
 - NPCR Software for Edits: EditWriter
 - Custom Edits

Importance of High-Quality Data Collection

- Customizing
- Relevance
- Accuracy
- Consistency
- Research



Data Acquisition Manual 2026

Other Data files and programs:

- The [FCDS Profile Modification Form](#) replaces the FCDS Mail File Change Form and will be used for the registration of new facilities and edits made to the existing facility profiles.
- The [FCDS IDEA FAQ](#)
- [Current list of FCDS Edit messages as a comma separated file](#). This link downloads the latest FCDS Edit Messages with Force/Warning flags. Sorted by category/edit#.

FCDS Edit Messages

Category	Error Code	Warning	F	Force Flag	Description	Full Description
CATEGORY	ERRORCODE	WARNING	F	FORCE FLAG	DESCRIPTION	MESS_FULL_DESCRIPTION
Age Edits	81	N		Y	Invalid Site	Invalid Site and Morphology for patient over age 5 based on ICD-O-2
Age Edits	82	N		Y	Invalid Site	Invalid Site for patient under age 15
Age Edits	83	N		Y	Invalid Site	Invalid Site & Morphology for patient under age 15 or over age 45 based on ICD-O-2
Age Edits	86	N		Y	Patient un	Patient under the age 30 cannot have Morphology 9732, 9823, 9863, 9868 or 9890 based on ICD-O-2
Age Edits	87	N		Y	Patient un	Patient under the age 40 cannot have Site C61.9 with Morphology 8140 based on ICD-O-2.
Age Edits	88	N		Y	Patient Ag	Patient Age questionable with Tobacco Use
Age Edits	89	N		Y	Patient Ag	Patient Age questionable with Marital Status
Age Edits	108	N		Y	Invalid Site	Invalid Site for patient under age 20 based on ICD-O-2
Age Edits	109	N		Y	Invalid Site	Invalid Site and Morphology for patient under age 20 based on ICD-O-2
Age Edits	111	N		Y	Invalid Site	Invalid Site for patient under age 30
Age Edits	112	N		Y	Invalid Mo	Invalid Morphology for patient over age 14 based on ICD-O-2
Age Edits	224	N		Y	Invalid Site	Invalid Site & Morphology for patient under age 15 or over age 45 based on ICD-O-3
Age Edits	225	N		Y	Invalid sit	Invalid site for patient under age 20 based on ICD-O-3
Age Edits	226	N		Y	Invalid sit	Invalid site and Morphology for patient under age 20 based on ICD-O-3
Age Edits	227	N		Y	Patient un	Patient under the age 30 cannot have Morphology 9732, 9823, 9863, 9875, 9876, 9945, 9946 based on ICD-O-3
Age Edits	228	N		Y	Patient un	Patient under the age 40 cannot have Site C61.9 with Morphology 8140 based on ICD-O-3.

- <https://fcds.med.miami.edu/inc/downloads.shtml>



New Edit Checks 2026

MSI-related edits include:

- Microsatellite Instability and Date of Diagnosis
- MSI requirements for Corpus Uteri Carcinoma
- SSDI MSI blank validation for other schemas

Schema validation edits address:

- Schema ID
- Primary site
- Histology
- Schema Discriminator 1 and 2 Date of Diagnosis
- Schema ID validation for dx dates (2018-2025) (2026 and later)
- Discriminator 1 and 2 must be BLANK for C111 dx >=2025



New Edit Checks 2026

Sex Assigned at Birth edits include:

- Sex assigned at birth must = 1,2, or 9
- Not valid with primary site
- Check Sex Assigned

SSDI edits address:

- Blank for Other Schemas
- DCO (FCDS)
- Must not be BLANK or NA dx 2026 and later
- Must be BLANK for all schemas to which they do not apply
- Schema ID validation for dx dates (2018-2025) (2026 and later)
- Discriminator 1 and 2 must be BLANK for C111 (posterior wall of nasopharynx) dx >=2025



New Edit Checks 2026

Brain Molecular Marker edits address:

- ICD-0-3 Morphology validation
- Brain Molecular marker must = 85 if the histology is not on list
- Not valid for 9421/1 for Dx year
- Must not = 86 if behavior is not benign or borderline

Other edits address:

- Breast and histology validation
- ICD03 behavior and Regional Nodes Positive
- Morphology type and behavior
- If Histology is inflammatory carcinoma, SS2018 must = 2,4,or 7
- DCO: Esophagus and EGJ Tumor Epicenter must= blank or unknown

List of Florida New v26 edits

N2694	Microsatellite Instability (MSI), Date DX (NAACCR)
FL3049	Morphology--Type/Behavior ICDO3 (FCDS)
N2965	Schema ID, Site, Histo, Schema Discriminator 1 (NAACCR)
N3007	Schema ID, Site, Histo, Schema Discriminator 2(NAACCR)
N2823	SYS Schema ID, Date of Diagnosis (NAACCR)
N2823	SYS Schema ID, Date of Diagnosis (NAACCR)
N7208	Microsatellite Instability (MSI), Corpus Uteri Carcinoma, Schema ID, Required (NAACCR)
N7212	SSDI Microsatellite Instability (MSI), Blank for Other Schemas (NAACCR)
N7209	Sex Assigned at Birth (SEER)
N7210	QC_Chk, Sex Assigned at Birth, Primary Site (SEER)
N3032	Brain Molecular Markers, Morphology ICD-O-3 (NAACCR)

New V26 Edits

3327	Microsatellite Instability must be blank for Corpus Carcinoma cases diagnosed before 2026
3328	Schema Discriminator 1 must be blank for C111 for diagnosis year $\geq$ 2025
3329	Schema Discriminator 2 must be blank for C111 for diagnosis year $\geq$ 2025
3330	This Schema ID is valid only for diagnosis dates 2018-2025
3331	This Schema ID is valid only for diagnosis dates 2026 and later
3332	SSDI must not be blank or not applicable for cases diagnosed 2026 and later
3333	SSDI must not be blank or not applicable for cases diagnosed 2026 and later
1908	SSDIs must be blank for all schemas to which they do not apply
3335	Sex Assigned at Birth must = 1, 2, or 9
3336	Sex Assigned at Birth not valid with Primary Site
3337	Brain Molecular Markers must = 86 if histology benign or borderline

New V26 Edits

N7267 SS2018, Breast, Histology ICDO3 (NAACCR)

N7287 Behavior ICDO3, Regional Nodes Positive (NAACCR)

N3032 Brain Molecular Markers Morphology ICD-O-3 (NAACCR)

FL3029 SSDI, DCO (FCDS)

3338 If histology is inflammatory carcinoma, Summary Stage 2018 must = 2, 4, or 7

3339 If behavior = /2, Regional Nodes Positive must not = 01-90, 95, 97, or 99

3340 Brain Molecular Markers must = 85 if histology not on list

3341 Brain Molecular Markers code not valid for 9421/1 for diagnosis year

3342 Brain Molecular Markers must not = 86 if behavior not benign or borderline

3343 DCO: Esophagus and EGJ Tumor Epicenter must = blank or unknown

Quality is Everyone's Responsibility!





Thank you