# FCDS EDITS METAFILE NAVIGATING TNM & STAGING EDITS

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Steven Peace, CTR



#### CDC & Florida DOH Attribution



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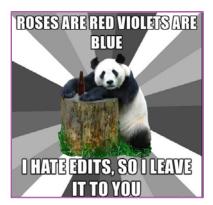


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#### FCDS History of CS and TNM Edits & SSFs

- DX Date 1/1/2004-12/31/2015 Collaborative Stage Core Edits & SSF Edits
- DX Date 1/1/2015-12/31/2015 Optional TNM Edits & SSF Edits basic
- DX Date 1/1/2016-12/31/2017 Required TNM Edits & SSF Edits complex
  - FCDS EDITSv16 posted 6/29/2016
  - FCDS EDITSv16A posted 8/11/2016
  - FCDS EDITSv16B posted 10/5/2016
  - FCDS EDITSv16C posted 10/21/2016
  - FCDS EDITSv16D posted 11/29/2016 updated 2/19/2017
  - FCDS EDITSv16E posted 6/4/2017
- EDITS 5.0 Tools National Requirement for 2017 Implementation
- DX Date 1/1/2018> Required AJCC 8th edition EDITS & Site Specific Fields Edits
  - FCDS EDITSv18 post date TBA

#### NPCR Release of EDITS 5.0 Tools

- EDITS 4.0 Uses .EMF and .RMF formats
- EDITS 5.0 Uses .SMF (SQLite) format for all tools including; Edit Engine, EditWriter, GenEDITS Plus
   The Edit Engine runs edits more than twice as fast as the EDITS4.0 version.

  - · The EDITS metafile is a SQLite database.
  - The EDITS5.0 API and documentation are more powerful and easier to use.

- EDITWriter 5.0 New Features
   Edit logic syntax checker catches more errors and issues warnings
  - Edit set form generates a GenEDITS-style report
  - Table form supports copy/paste data from Excel-type spreadsheet
  - Import metafile module performs analysis of differences in 1-2 seconds (previous version took 20-30 min for analysis)

#### • GenEDITS Plus 5.0 - New Features

- Multiple-document interface allows opening multiple concurrent configurations.
- EDITS run-time debugger lets power users drill down into the reasons a case passed or failed an edit unexpectedly.
- Writes the results of the run into a SQLite database, available for ad hoc querying.
- · GenEDITS.dll and API simplify programming for custom software to process incoming data files at central registries.

#### Work with Your Vendor to Stay Current

- FCDS Usually Posts the Florida Metafile Within a Few Days of NAACCR National
- Current FCDS EDITS Metafile is ALWAYS Posted on FCDS Website What's New
- Vendors Receive Notification anytime a new FCDS EDITS Metafile is Posted
- Registrars Now Receive Notification
- Can Always Run Outside Software
- Improve NCDB Edit Failures
- READ METAFILE CHANGES
- READ NEW ERROR MESSAGES



#### Tips and Pointers – Before We Even Begin

- ALL Cancers MUST be staged using Summary Stage 2000 for 2015 DX through 2017 DX
- · BOTH Site (Sub-Site) & Histology MUST be valid for TNM staging criteria in AJCC Manual by Chapter
- · ALL Cancers deemed valid for TNM staging MUST have a clinical stage assigned
- · Most Chapters REQUIRE surgical resection of primary site PLUS nodes for pSTAGE or Case is Unstaged
- Many Chapters REQUIRE Site-Specific Factors or Data from Other Fields in order to stage the case
   Sex, Age, Histology, Tumor Size, Grade of Tumor, Pre/Post Tumor Markers, MSI, Mitotic Rate, Ulceration, B Symptoms, etc.
- · 2015-2017 allows for pTis or pTa (behavior /2) with cNo for both clinical and pathologic stage
- 2015-2017 allows staging for only a few invasive cancers (behavior /3) with removal of primary site (only) with pN<blank> Melanoma of Skin
  - · Sarcoma (all GIST Chapters plus sarcoma of bone or soft tissue)
  - Corpus Uteri
  - · Prostate not yet allowed case is path unstaged if no nodes removed
  - Liver not yet allowed case is path unstaged if no nodes removed
- 2018 should allow for more cNo in the pathologic N Category with Successful Derivation of Stage/Prognostic Group

### How to "Figure Out" What/Where Error Is

Error Number: 1 (3610)

Edit Name: TNM Path Stage Group, Prim Site, Surg - Ed 7(CoC)

Edit Set Name: Elekta16D - Extended

Edit Error Message: For Primary Site (C508), Histologic Type ICD-O-3 (8523), TNM Path Stage Group (0): RX Summ--Surg Prim Site (00) must = 20 - 90

Field(Pos): Date of Diagnosis (530)=> Y:2017 M:05 D:18

Field(Pos): Type of Reporting Source (563)=> 1

Field(Pos): Primary Site (540)=> C508

Field(Pos): Histologic Type ICD-O-3 (550)=> 8523 Field(Pos): Behavior Code ICD-O-3 (554)=> 2

Field(Pos): TNM Path Stage Group (952)=> 0

Field(Pos): RX Summ--Surg Prim Site (1567)=> 00

Biopsy only - no lumpectomy or mastectomy and no nodes removed

#### How to "Figure Out" What/Where Error Is

```
Error Number: 1 (7254)
Edit Name: Primary Site, Stage Group 2016 - Ed 7 (NPCR)
Edit Set Name: FCDS - Incoming Abstracts
Edit Error Message: 1654: TNM Clin Stage Group is invalid for site/hist combination
Field(Pos): Date of Diagnosis (530)=> Y:2016 M:09 D:04
Field(Pos): TNM Edition Number (938)=> 88
Field(Pos): Primary Site (540)=> C447
Field(Pos): Histologic Type ICD-O-3 (550)=> 9823
Field(Pos): CS Site-Specific Factor10 (1030)=> 988
Field(Pos): CS Site-Specific Factor25 (1075)=> 988
Field(Pos): Over-ride Site/TNM-StgGrp (1895)=> <BLANK>
Field(Pos): Age at Diagnosis (193)=> 061
Field(Pos): Grade (555)=> 6
Field(Pos): Sex (192)=> 1
Field(Pos): TNM Clin Stage Group (970)=> 88
Field(Pos): TNM Path Stage Group (952)=> 88
Field(Pos): Type of Reporting Source (563)=> 1
Error Number: 2 (7253)
Edit Name: Primary Site, Stage Group 2016 - Ed 7 (NPCR)
Edit Set Name: FCDS - Incoming Abstracts
Edit Error Message: 1653: TNM Path Stage Group is invalid for site/hist combination
Field(Pos): Date of Diagnosis (530)=> Y:2016 M:09 D:04
```

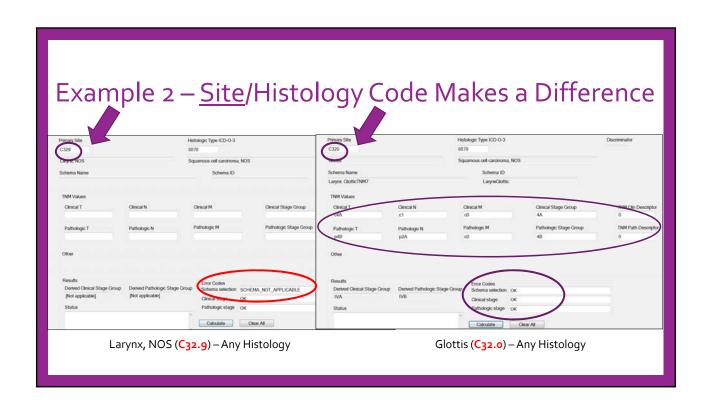
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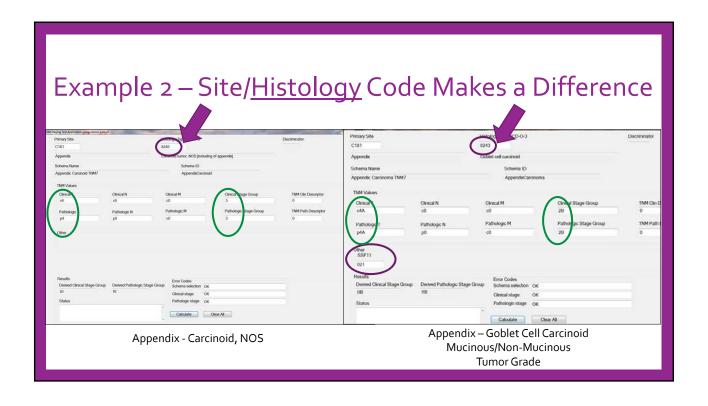
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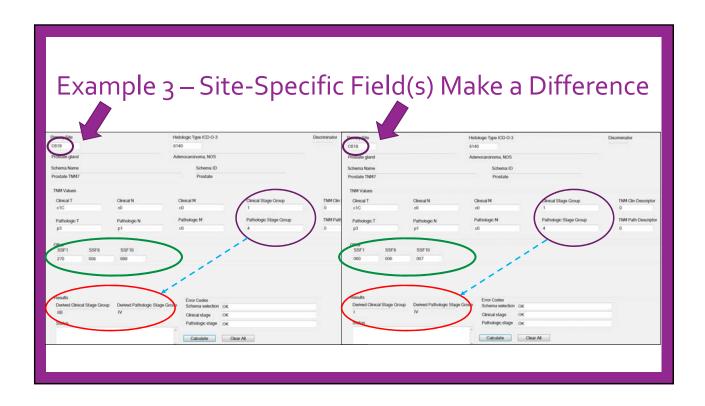
Error Number: 1 (7288) Edit Name: TNM Groups Beh 3 with Insitu 88 (CoC) Edit Set Name: FCDS - Incoming Abstracts Edit Error Message: 1688: For Primary Site (C445), Histologic Type ICD-O-3 (9700), and Behavior Code ICD-O-3 (3), all TNM fields must not =88 Field(Pos): Date of Diagnosis (530)=> Y:2016 M:05 D:04 Field(Pos): Primary Site (540)=> C445 Field(Pos): Histologic Type ICD-O-3 (550)=> 9700 Field(Pos): Behavior Code ICD-O-3 (554)=> 3 Field(Pos): TNM Clin T (958)=> c1 Field(Pos): TNM Clin N (962)=> cX Field(Pos): TNM Clin M (966)=> c0 Field(Pos): TNM Clin Stage Group (970)=> 99 Field(Pos): TNM Path T (940)=> 88 Field(Pos): TNM Path N (944)=> pX Field(Pos): TNM Path M (948)=> c0 Field(Pos): TNM Path Stage Group (952)=> 99 Field(Pos): Age at Diagnosis (193)=> 037 Clinical: ith 2 small patche sn left buttocks and right leg. MF stage 1A. LEFT BUTTOCK: MYCOSIS FUNGOIDES, CD4 PHENOTYPE, PLAQUE LESION MONOCLONAL T-CELL RECEPTOR GAMMA GENE REARRANGEMENT DETECTED

#### Example 1 – Blanks or X's or 99's – argghh!

- National EDITS did allow <blank> in T, N, M until May 2017 with EDITSv16D WHY
- So, now we have to enter 'X' where we were told we should enter <blank>???
- What's the difference?? Will this be corrected? When?
- Why does FCDS "derive" Stage/Prognostic Group when Abstractor codes it, too?
- Why do cases fail edits when the derived stage group does not match direct-coded?
- Didn't we spend an entire year hammering into people's heads that blank was OK?
- Don't Forget What Was Taught About Blanks, X's and 99's should all work in 2018
- Be Patient Many Edit Errors Have Been Fixed but, some still remain frustrating.







#### Direct-Coded Stage Group vs Derived Stage Group

- Current v16 EDITS Will Allow in Some Cases But Not Always
- One or More Missing (<blank> T-N-M Component is Usually the Problem
- Stage/Prognostic Group May Be Given by Physician But Case Does Not Meet Criteria
- Are These Direct-Coded Stage Groups Correct or Incorrect??
- FCDS and CDC are using this for Comparison to Assess Quality of AJCC Staging
- The TNM Algorithm is More Strict than the EDITS and Takes ALL Factors into Account
- FCDS will Focus on Site Specific Fields Required and Core T, N, M Values
- FCDS will Compare Direct-Coded Stage to Derived Stage for Trends

## Known Stage Group vs Unknown Stage Group Direct-Coded vs Derived



#### When an EDIT is "Incorrect" – Report It!!

CORRECT

- Report the EDIT in Question to FCDS
- FCDS will investigate the EDIT and Try to Reproduce the Error
- FCDS will investigate the EDIT by Reviewing the Edit Logic
- FCDS will investigate ALL Data Items and Values Required to Stage the Case
- FCDS will investigate the EDIT by Reviewing the Latest Metafile Changes
- FCDS will Test the EDIT in EditWriter and/or Ancillary Staging Test Application(s)
- FCDS will Forward Incorrect EDIT to EDITS Work Group or TNM EDITS Work Group
- FCDS will Reply to Originator of EDIT in Question with Solution or Rationale
- NAACCR Work Group will Update the National Metafile & FCDS will Follow Suit

What to Expect for 2018 – AJCC 8<sup>th</sup> ed.



