



TURNING CANCER DATA
INTO DISCOVERY

LAMN and HAMN: Coding EOD and Summary Stage

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Appendix Staging



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- LAMN and HAMN of the Appendix are in the following:
 - AJCC: Appendix chapter
 - For cases diagnosed 2023+, Appendix, Version 9
 - EOD: Appendix schema
 - For cases diagnosed 2023+, V9: 2023
 - Summary Stage: Appendix chapter
 - Applicable for 2018+

Appendix Staging



- Up until 2010, Appendix was included with the Colon and Rectum schema
 - In AJCC 7th edition (2010-2017), Appendix moved to its own chapter
 - EOD Appendix schema very similar to the Colon and Rectum schema
 - Summary Stage Appendix chapter very similar to the Colon and Rectum chapter
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Appendix EOD Primary Tumor



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- Code 000 (Summary Stage in-situ)
 - In situ that is NOT LAMN or HAMN OR
 - HAMN that is confined by the muscularis propria
- Code 050 (Summary Stage in-situ)
 - Low-grade appendiceal mucinous neoplasm confined by the muscularis propria (LAMN)
 - Acellular mucin or mucinous epithelium may invade into muscularis propria

Appendix EOD Primary Tumor



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- Code 070 (Summary Stage Localized)
 - Lamina propria
 - Mucosa (intramucosal, NOS)
 - Muscularis mucosae
- This would be a Behavior /3, but Tis for AJCC
- Do not use this code for LAMN and HAMN

Appendix EOD Primary Tumor



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- Code 100 (Summary Stage Localized)
 - Submucosa
 - Confined to appendix, NOS
 - Confined to polyp, NOS
 - Localized, NOS

- Do not use this code for LAMN and HAMN

Appendix EOD Primary Tumor



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- Code 200 (Summary Stage L)
 - Muscularis propria

- Do not use this code for LAMN and HAMN
 - If a LAMN invades the muscularis propria, it is a /2 and coded 050
 - If a HAMN invades the muscularis propria, it is a /2 and coded 000

Appendix EOD Primary Tumor



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- Code 300 (Summary Stage L)
 - Can be used for LAMN tumors that have extended to
 - Extension through wall, NOS
 - Invasion through muscularis propria
 - Non-peritonealized pericolic tissues invaded
 - Perimuscular tissue invaded
 - Subserosa
 - Transmural, NOS
 - Wall, NOS

Appendix EOD Primary Tumor



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- Code 400 (Summary Stage RE)
 - Can be used for LAMN tumors that have extended to
 - Adjacent tissue(s), NOS
 - Connective tissue
 - Fat, NOS
 - Mesenteric fat
 - Mesentery
 - Mesoappendix
 - Pericolonic fat

Appendix EOD Primary Tumor



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- Code 500 (Summary Stage RE)
 - Can be used for LAMN tumors that have
 - Invasion of/through serosa (mesothelium) (visceral peritoneum)
 - Note: For the 2025 updates, this code will be updated to include:
Includes acellular mucin or mucinous epithelium involving the serosa of the appendix or serosa of the mesoappendix
 - You can use code 500 for this description now
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Appendix EOD Primary Tumor



- Code 600 (Summary Stage D)
 - For mucinous tumors only (ICD-O-3 codes 8480/3, 8481/3, and 8490/3 only)
 - Peritoneal involvement confined within right lower quadrant
 - WITHOUT further local extension
- **Note: It was determined this code is an ERROR**
 - *This was leftover from AJCC 7th edition and will be removed for 2025 updates (SEER Version 3.2, release date October 2024)*
 - *Peritoneal involvement within right lower quadrant is peritoneal spread (EOD Mets 30)*

Appendix EOD Primary Tumor



- Code 600 (Summary Stage D)
 - For mucinous tumors only (ICD-O-3 codes 8480/3, 8481/3, and 8490/3 only)
 - Peritoneal involvement confined within right lower quadrant
 - WITHOUT further local extension
- **This code and description will be deleted in the 2025 updates**
 - Cases coded to 600 will be automatically converted to EOD PT 500 and EOD Mets 30 (if EOD Mets = 00, 10)
 - No registrar input required

Appendix EOD Primary Tumor



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- Code 700 (Summary Stage RE)
 - Abdominal wall
 - Adherent to other organs or structures
 - Greater omentum
 - Retroperitoneum (excluding fat)
 - Small intestine
 - Tumor found in adhesion(s) if microscopic examination performed

Appendix EOD Primary Tumor



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- Code 750 (Summary Stage D)
 - Mucinous tumors only (ICD-O-3 codes 8480/3, 8481/3, and 8490/3 only)*
 - Structures in code 700 with peritoneal involvement confined within right lower quadrant*
 - All tumors: Adrenal (suprarenal) gland, Bladder, Diaphragm, Fallopian tube, Fistula to skin, Gallbladder, Kidney, Liver, Other segment(s) of colon/rectum via serosa, Ovary, Ureter, Uterus, Further contiguous extension
- ****Note: It was determined this description is an ERROR***
 - *This was leftover from AJCC 7th edition and will be removed for 2025 updates (SEER Version 3.2, release date October 2024)*
 - *This description is now in EOD mets (see code 30)*

Case 1 scenario



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- Low-Grade Appendiceal Mucinous Neoplasm with acellular mucin present in the appendiceal visceral peritoneal serosa
 - Behavior /3
 - EOD Primary Tumor: 500 (Invasion of/through serosa (mesothelium) (visceral peritoneum))
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Case Scenario 2



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- Histology: HAMN
- Acellular mucin invades at least submucosa and focally suspicious for superficial invasion of the muscularis propria
- Behavior /2
- EOD Primary Tumor 000: High-grade appendiceal mucinous neoplasm confined by the muscularis propria (HAMN)

Case Scenario 3



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- Low grade appendiceal mucinous neoplasm. Acellular mucin invades subserosa but does not extend to serosal surface
 - Behavior /3
 - EOD Primary Tumor 300: Invasion of subserosa
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Case Scenario 4



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- Low-grade appendiceal mucinous neoplasm (2.9 cm) with extension into, but not through, the muscularis propria
 - Behavior /2
 - Code 050: Low-grade appendiceal mucinous neoplasm confined by the muscularis propria (LAMN), Acellular mucin or mucinous epithelium may invade into muscularis propria
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Questions?





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