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	ACS AJCC Annexa (on the put Surgicia
Clinical T	Category
	y assigned for colonoscopy, does not provide tissue layer involvemer sume for all cases, imaging may provide tissue layer
• Colon ca • Abdo	delines & ACR Appropriateness Criteria ncer minal/pelvic MRI minal/pelvic CT

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Clinical T & Pathological T Categories Involvement of other organs or structures Potential direct involvement for clinical staging CT4b: imaging shows adherent to other structures Evidence of direct involvement for pathological staging pt1-ta: tumor found in adhesions on microscopic exam pt1-T4s: tumor found in adhesions Assign pT category based on microscopic anatomical depth of invasion

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Pathological T Category T4a - penetrates to surface of visceral peritoneum T4a appropriate only in areas with peritoneum Could have T4a on peritoneal side If tumor on retroperitoneal side, could be T3 & positive radial margin Rectum Sometimes upper rectum has peritoneum Never rectum below peritoneal reflection, could be T3 & positive margin Unequivocal extension into other organs would be T4b Operative findings are part of pathological stage Surgeon sees pT4b involvement but does not biopsy Pathologist reports pT3 since based on specimen received Correct T category assignment is pT4b per surgeon

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ACCS AJCC Asserts bid Constitute of occur Asserts citing of Septice
Clinical N and M Categories
• Clinical N
Must estimate nodal involvement to assign
 Physician may use judgment to assign category Includes tumor deposits
With nodal involvement, deposits are not added to node count Without nodal involvement, cN1c assigned
Clinical M category
Important to use subcategories: a, b, c
May be cM or pM
Only one of multiple sites must have microscopic proof for pM1b, pM1c
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Pathological N and M Categories

• Mesenteric nodes

- - Term used by pathologists but not surgeons
 Mesenteric not in list of regional nodes since surgeons were main authors

 - Surgeons see precise anatomic location during surgery
 Pathologists use mesenteric, more general term, because
 Don't usually localize nodes as "right colic", "middle colic", etc
 Can't tell nodal location for sure in excised specimen, landmarks are not there for precise
 - Any mesenteric node in resection specimen is regional node
- M category assessment

 - May be cM or pM
 Multiple metastatic sites: microscopic proof of one site is pM1b, pM1c
 Do not need microscopic proof of all met sites

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Polyps: Types and T Category • Polyp: abnormal growth projecting from mucous membrane • Sessile: mostly a flat growth, no stalk • Pedunculated: attached by a narrow elongated stalk • Polyp T category Pathology report Invasive adenoca No info about intraepithelial, lamina propria, or submucosa • If path report says invasive, that is at least involvement of submucosa · Assign T1

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 Anatomy is distorted so it can be hard to assess • But if confined to mucosa, it would not be called invasive

Polyps: Diagnosis vs. Treatment

- Sessile polyp
 - Colonoscopy bx is usually diagnostic, incomplete resection, cTX
 - Surgical resection is treatment, pT
- Pedunculated polyp
 - Colonoscopy snare polypectomy is treatment, pT
 - No diagnosis prior to snare, therefore no clinical stage assigned
- General guideline for polyp removal during colonoscopy
 - $\bullet \ \ Incomplete \ resection-cTNM$
 - Complete resection of polyp, treatment pTNM
 - Not dependent on margins, but on purpose/intent of resection

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Stage Classification –
Diagnostic Workup & Treatment



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Clinical and Pathological Staging

- Clinical staging
 - Colonoscopy usually not sufficient to assign clinical stage
 - May be assigned with imaging information
 - Incidental findings at surgical resection not clinically staged
- · Pathological staging
 - Use clinical stage information together with
 - Operative findings and
 - Pathology report of resected specimen

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Posttherapy Staging

• Neoadjuvant therapy is often used for rectal cases

• yc staging – rectum

• Initial treatment must be neoadjuvant

• Assessment by exam, imaging, biopsies

• No stage group

• yp staging – rectum

• Initial treatment must be neoadjuvant

• All information from yc staging with

• Operative findings and

• Pathology report of resected specimen

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Criteria for Clinical Classification - PreTreatment Patient undergoing diagnostic workup Medical history and physical examination Colonoscopy Sigmoidoscopy Diagnostic biopsy Imaging based on guidelines Incidental finding during surgical resection Resection most likely for emergency bowel obstruction No clinical stage assigned if this is treatment for cancer Never assign stage in retrospect, cannot go back in time

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Diagnosis vs. Treatment Diagnostic procedures Biopsies Sampling of polyp (no intent for surgical treatment resection) Surgical treatment of primary site Resection of colorectal tumor Extent of resection depends on size and location Local exision Segmental resection Partial colectomy Hemicolectomy Total colectomy

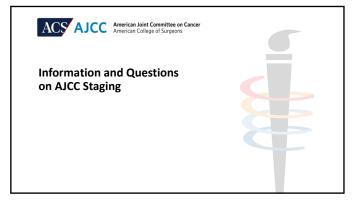
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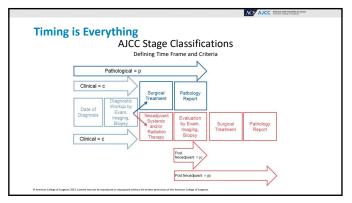
• Nodal dissection is important, commonly performed

Treatment Satisfying Stage Classification Pathological staging Resection of colorectal tumor Intent is treatment not sampling Nodal dissection is standard, but not required to qualify for staging Postneoadjuvant therapy staging Common for rectal cancer Chemo and radiation therapy

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