Care Patterns & Outcomes with Anal CA: Adenocarcinoma vs. Squamous Cell

National Cancer Database: 19,539 patients 2004-14 with stage II/III anal cancer

93.9% with squamous cell CA
6.1% with primary adeno CA

Squamous Cell CA: 55-69% 5 year overall survival

AdenoCA: 33-54%
Stage III & High-grade assoc with poor survival

Tx with Chemo + radiation alone assoc with improved survival
H.R. 0.67

Cleansing Efficacy & Tolerability of 4L PEG for Same-Day vs. Split-Dose Bowel Prep

Prospective, blinded randomized trial:

4L PEG at 5-7am vs. 2L PEG at 9pm + 2L at 7-10am

Same Day: n=172 vs. Split Dose: n=167

Cleansing *success equivalent 98.2% 98.8%
(Tolerability / satisfaction similar)


ASCRS Clinical Practice Guidelines: Appendiceal Neoplasms

Colonoscopy should be done with workup (1C)
Appendectomy indicated if abnormal appendix seen during unrelated operation (1C)

Neuroendocrine:
Right Colectomy if >2cm, high grade, LVI, base or mesentry involved (1C)
Up to 40% with + lymph Nodes
Neuroendocrine specific imaging not always required (2B), but biochemical testing recommended (2B)

Mucinous/AdenoCA:
Low Grade Mucinous: Appendectomy alone (1B)
Adenocarcinoma: Right colectomy (1C)
Peritoneal Involvement: Cytoreduction ± HIPEC (1B)


Factors Predicting Operative Difficulty of Laparoscopic TME (Total Mesorectal Excision)

71 lap TME procedures assessed using objective video assessment tool at 4 UK centers:
Obese Men subjectively reported as harder cases,
But... no patient, tumor, or body pelvimetry correlation with specimen quality

Total mesorectal area identified as risk for intraop and postop morbidity O.R. [1.01-1.16]

Curtins NJ; Francis NK et al. Dis Colon Rectum 2019;62(12):1467-76
Hemorrhoidectomy & Skin Tag Removal in IBD: Harbinger of Doom or not?

- 97 IBD patients underwent hemorrhoid or skin tag excision ($n=49$ Crohn's, $n=48$ UC):
  - 30% on immunomodulatory
  - 22% on biologic
  - 20% on steroids
- $n=35$ band ligation
- $n=27$ skin tag excision
- $n=21$ hemorrhoidectomy
- $n=14$ thrombosed hemorrhoid
- 30 day complication rate: 5%
- No delayed wound healing
- n=5 required subsequent proctectomy (6mo-10 yr later)

Only 1 procedure (stapled hemorrhoidectomy) caused post-procedure-related complication (rectal stricture)


MetaAnalysis of Uncomplicated Diverticulitis WITHOUT Antibiotics

- 9 studies:
  - 842 patients with antibiotics Vs. 1,663 without antibiotics
- LOS shorter -0.68 days $p=0.04$
- No difference in:
  - Additional Treatments / Interventions: 5.3% vs. 3.6% $p=0.28$
  - Recurrent Diverticulitis: Pooled O.R. [1.17, $p=0.26$]
  - Readmissions: [0.83, $p=0.21$]
- Conclusion: Uncomplicated Diverticulitis can be safely treated without antibiotics with shorter LOS

Au S, Aly EH. *Dis Colon Rectum* 2019;62(12):1533-47
2019 December

Naples Prognostic Score is useful for Metastatic #ColorectalCancer

259 patients on 1st line chemo for metastatic colorectal cancer: Naples score calculated by: Albumin, cholesterol, lymphocyte:monocyte ratio, neutrophil:lymphocyte ratio

Higher Naples Score associated with:
- Right-sided primary tumor
- Synchronous mets
- Shorter overall survival

Time Dependent Curve Analysis shows:
Naples* = more sensitive score to predict overall survival than other prognostic factors


2019 December

Patient Reported Outcomes in Lap & Open Right Colectomy

1,022 patients completed Symptom Assessment Survey within 6 weeks: 2010-14 from Ontario Cancer Registry

Lap associated with:
- Urban residence
- Elective procedure
- Lower cancer stage

No difference in symptom survey scores between lap vs. open approach

Perineal Wound Complications After Extralevator APR for #RectalCancer

Han JG et al. Dis Colon Rectum 2019;62(12):1477-84

Resident’s Corner: LAR Syndrome

Key points:
Use validated LARS score to assess patients
Treatment varies depends on severity and symptoms

McKenna NP. Dis Colon Rectum 2019;62(12):1420-2
Surgery Resident Participation in Screening Colonoscopy: Effect on Quality

Screening colonoscopy at tertiary center:  

- **n=4,186 WITHOUT resident**  
- **n=408 WITH resident participation**

No impact on national quality metrics:
- cecal intubation rate, polypectomy rate, age/sex adjusted adenoma detection rate, complications

Longer scope insertion & withdrawal times:
- + 6-8 min

Higher mean dose fentanyl:
- 95 vs. 87 mcg

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Impact of Suture Type on Erosion Rate After Ventral Mesh Rectopexy

- **n=495 ventral synthetic mesh rectopexies:**
  - 60% non-absorbable vs. 40% absorbable suture
  
Non-absorbable Erosion Rate:
  - **n=6** (2%)

Absorbable Erosion Rate:
  - **n=0**

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TaMIS Management of Persistent Sepsis or Sinus After Low Anterior Resection


Distinct Ulcerative Colitis Phenotype & Primary Sclerosing Cholangitis