

Saturday November 7 - Vancouver, BC

## 2015 SON Fall Update

*GI Tract Cancers: From Top to Bottom*



BC Cancer Agency

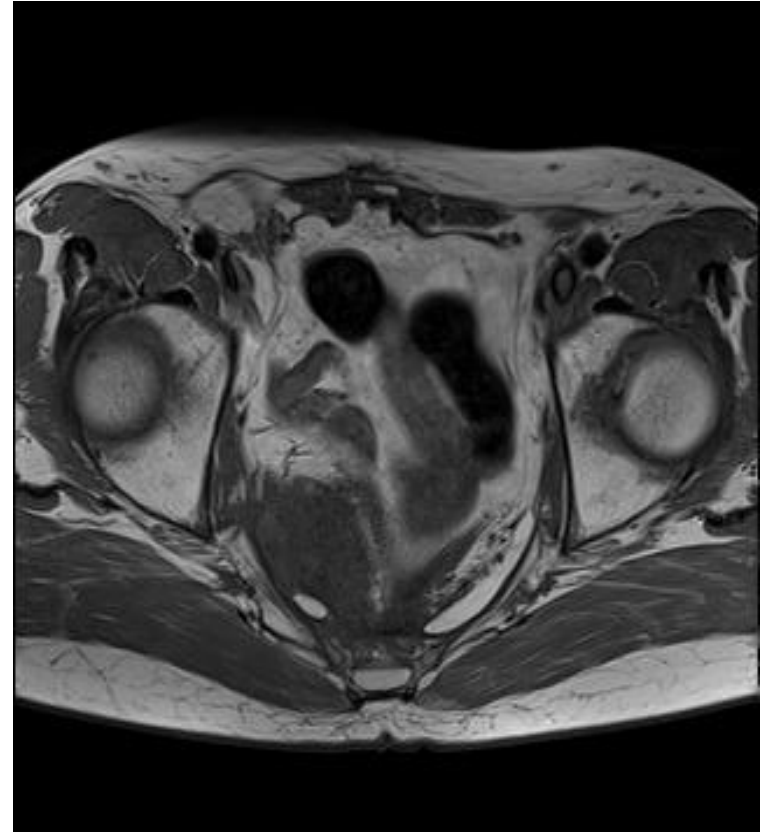
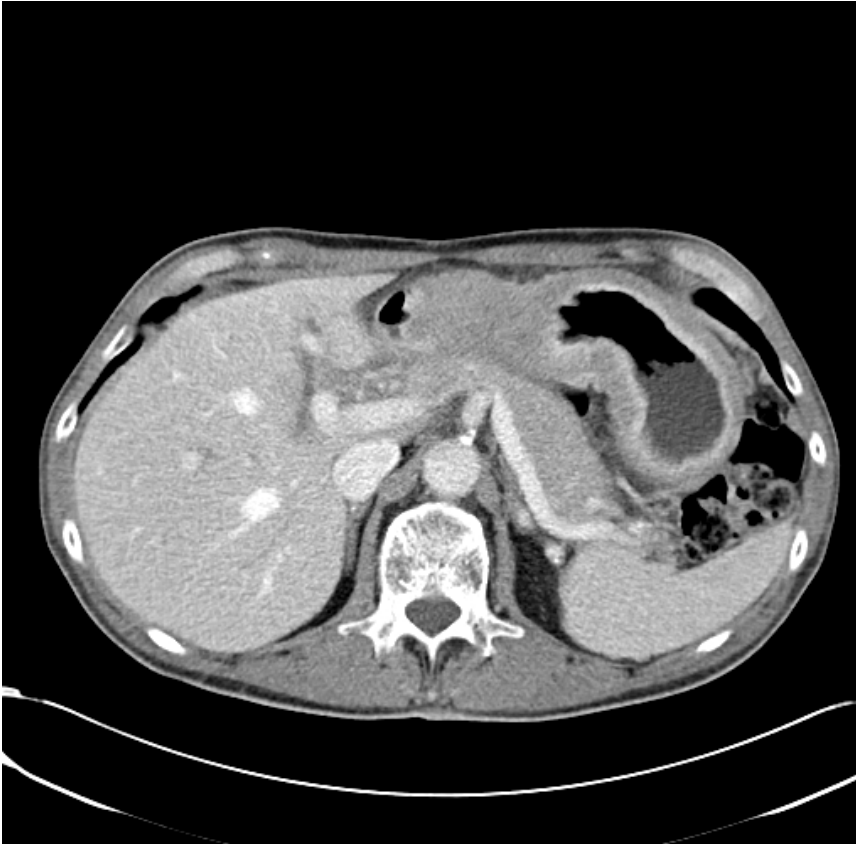
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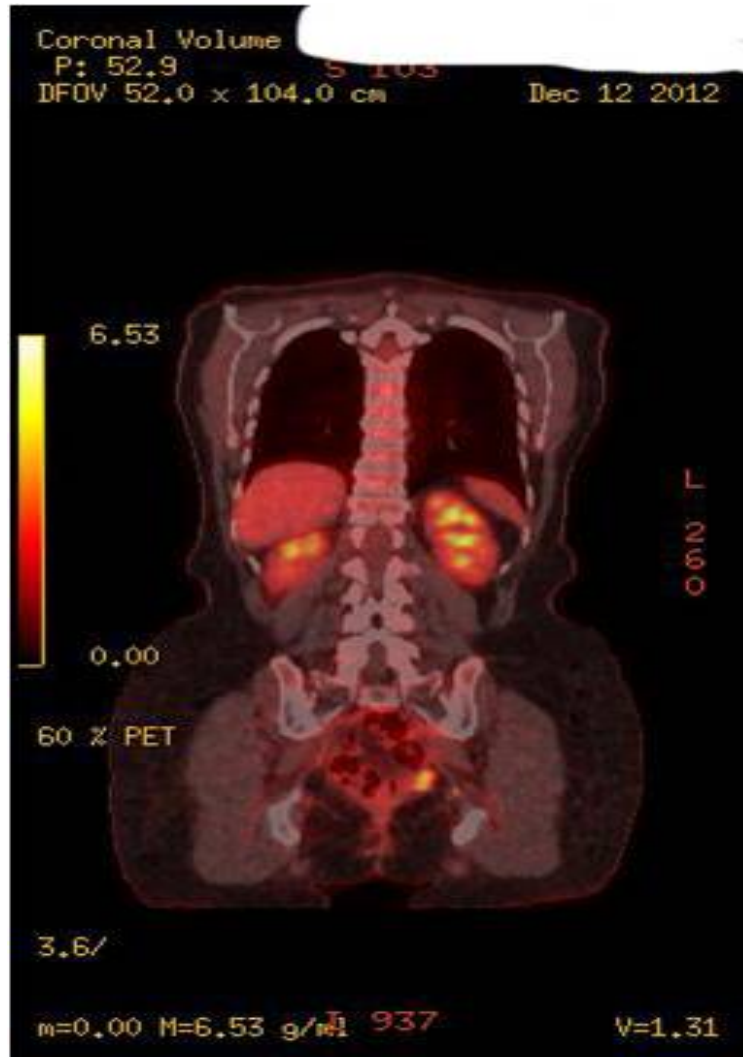
# **Management of Recurrent and Advanced Tumours: When are Tumours Resectable, and Multidisciplinary Management**

**Dr. Andrew McFadden**  
**Surgical Oncology**

## Management of Recurrent and Advanced Tumours: When are Tumours Resectable, and Multidisciplinary Management



# Management of Recurrent and Advanced Tumours: When are Tumours Resectable, and Multidisciplinary Management



# Turcotte jury faces gruesome evidence

Witnesses testified of seeing child's body, discovered in a field in 2004, after 11 years

By [Name] in [Location]

A jury in a court in [Location] heard testimony from a witness who said he saw a child's body in a field in 2004, 11 years after the child disappeared. The witness, [Name], testified that he saw a body in a field near [Location] in 2004. He said he was walking with a friend and saw a body lying on the ground. He said he was shocked and called the police. The body was identified as [Name], a child who disappeared in 1993. The witness said he was not sure if he was the person who saw the body, but he was sure he saw a body. The witness said he was not sure if he was the person who saw the body, but he was sure he saw a body. The witness said he was not sure if he was the person who saw the body, but he was sure he saw a body.

## More sexual assault accusations against Catholic Brother

By [Name] in [Location]

A court in [Location] heard testimony from a witness who said he was sexually assaulted by a Catholic Brother. The witness, [Name], testified that he was sexually assaulted by a Catholic Brother in [Location] in [Year]. The witness said he was not sure if he was the person who was sexually assaulted, but he was sure he was sexually assaulted. The witness said he was not sure if he was the person who was sexually assaulted, but he was sure he was sexually assaulted. The witness said he was not sure if he was the person who was sexually assaulted, but he was sure he was sexually assaulted.



## Concordia student pleads guilty to assaulting ex-girlfriend

By [Name] in [Location]

A court in [Location] heard testimony from a witness who said a Concordia student pleaded guilty to assaulting his ex-girlfriend. The student, [Name], pleaded guilty to assaulting his ex-girlfriend, [Name], in [Location] in [Year]. The witness, [Name], testified that he saw the student assault his ex-girlfriend. The witness said he was not sure if he was the person who saw the assault, but he was sure he saw the assault. The witness said he was not sure if he was the person who saw the assault, but he was sure he saw the assault. The witness said he was not sure if he was the person who saw the assault, but he was sure he saw the assault.

# Doctor suspended three months

Medical board suspends physician for three months for sexual assault charges

A BC Medical Council (BMC) panel has suspended a physician for three months for sexual assault charges. The panel found that the physician, who is a member of the BC Medical Association (BCMA), had engaged in a sexual relationship with a patient while they were in a professional relationship. The physician was found guilty of sexual assault and was suspended from practicing medicine in British Columbia for three months. The suspension is the maximum penalty available for this type of offense. The physician is currently on leave from his position at a hospital. The BMC panel also ordered the physician to undergo a period of supervised practice upon his return to work.



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## Police raid drug-selling locations

Police in Vancouver and other cities have raided several locations where drugs are sold. The raids resulted in the seizure of large quantities of drugs and the arrest of several individuals. The police are continuing their efforts to combat the drug trade in the city.

## Six arrests in Montreal North shooting

Six individuals were arrested in connection with a shooting in Montreal North. The police are continuing their investigation into the incident.



## Former CAO president Anglade to run for Liberals in byelection

Former CAO president Anglade is running for the Liberals in an upcoming byelection. He is a prominent figure in the political arena.



The former CAO president is a well-known political figure. He has held several high-profile positions in the past.

## PQ boycotts lieutenant governor's swearing-in

The Parti Québécois (PQ) has boycotted the swearing-in ceremony of the lieutenant governor. The party is protesting against the government's policies.

The PQ's boycott of the ceremony is a significant political statement. The party is demanding that the government address its concerns.

**What I used to know !**

## **Resectability – Gastric**

1. positive cytology
2. surgical palliation
3. multiorgan resection



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**NCCN Guidelines Version 3.2015 Staging  
Gastric Cancer**

[NCCN Guidelines Index](#)  
[Gastric Cancer Table of Contents](#)  
[Discussion](#)

Table 1

American Joint Committee on Cancer (AJCC)

TNM Staging Classification for Carcinoma of the Stomach  
(7th ed., 2010)

**Primary Tumor (T)**

- TX Primary tumor cannot be assessed
- T0 No evidence of primary tumor
- Tis Carcinoma in situ: intraepithelial tumor without invasion of the lamina propria
- T1 Tumor invades lamina propria, muscularis mucosae or submucosa
- T1a Tumor invades lamina propria or muscularis mucosae
- T1b Tumor invades submucosa
- T2 Tumor invades muscularis propria\*
- T3 Tumor penetrates subserosal connective tissue without invasion of visceral peritoneum or adjacent structures\*\* , \*\*\*
- T4 Tumor invades serosa (visceral peritoneum) or adjacent structures\*\* , \*\*\*
- T4a Tumor invades serosa (visceral peritoneum)
- T4b Tumor invades adjacent structures

**Regional Lymph Nodes (N)**

- NX Regional lymph node(s) cannot be assessed
- N0 No regional lymph node metastasis§
- N1 Metastasis in 1 - 2 regional lymph nodes
- N2 Metastasis in 3 - 6 regional lymph nodes
- N3 Metastasis in seven or more regional lymph nodes
- N3a Metastasis in 7 - 15 regional lymph nodes
- N3b Metastasis in 16 or more regional lymph nodes

**Distant Metastasis (M)**

- M0 No distant metastasis
  - M1 Distant metastasis
- Histologic Grade (G)**
- GX Grade cannot be assessed
  - G1 Well differentiated
  - G2 Moderately differentiated
  - G3 Poorly differentiated
  - G4 Undifferentiated

\*Note: A tumor may penetrate the muscularis propria with extension into the gastrocolic or gastrohepatic ligaments, or into the greater or lesser omentum, without perforation of the visceral peritoneum covering these structures. In this case, the tumor is classified T3. If there is perforation of the visceral peritoneum covering the gastric ligaments or the omentum, the tumor should be classified T4.

\*\*The adjacent structures of the stomach include the spleen, transverse colon, liver, diaphragm, pancreas, abdominal wall, adrenal gland, kidney, small intestine, and retroperitoneum.

\*\*\*Intramural extension to the duodenum or esophagus is classified by the depth of the greatest invasion in any of these sites, including the stomach.

§A designation of pN0 should be used if all examined lymph nodes are negative, regardless of the total number removed and examined.

ated by Andrew McFadden on 11/6/2015 4:03:57 PM. For personal use only. Not approved for distribution. Copyright © 2015 National Comprehensive Cancer Network, Inc



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**NCCN Guidelines Version 3.2015 Staging  
Gastric Cancer**

Table 1 - Continued

American Joint Committee on Cancer (AJCC)

TNM Staging Classification for Carcinoma of the Stomach  
(7th ed., 2010)

**Anatomic Stage/Prognostic Groups**

<b>Stage 0</b>	Tis	N0	M0
<b>Stage IA</b>	T1	N0	M0
<b>Stage IB</b>	T2	N0	M0
	T1	N1	M0
<b>Stage IIA</b>	T3	N0	M0
	T2	N1	M0
<b>Stage IIB</b>	T1	N2	M0
	T3	N1	M0
	T2	N2	M0
<b>Stage IIIA</b>	T1	N3	M0
	T4a	N1	M0
	T3	N2	M0
<b>Stage IIIB</b>	T2	N3	M0
	T4b	N0	M0
	T4b	N1	M0
	T4a	N2	M0
<b>Stage IIIC</b>	T3	N3	M0
	T4b	N2	M0
	T4b	N3	M0
	T4a	N3	M0
<b>Stage IV</b>	Any T	Any N	M1

Stage	5 year observed survival
Stage IA	71%
Stage IB	57%
Stage IIA	46%
Stage IIB	33%
Stage IIIA	20%
Stage IIIB	14%
Stage IIIC	9%
Stage IV	4%

The overall 5-year relative survival rate of all people

## Resectability –Colon and rectal

1. retroperitoneal lymph node recurrences
2. Involvement of pelvic side wall & sacrum
3. Lung mets/ lung mets and liver mets
4. Unresectable
5. Peritoneal seeding



The numbers below come from the National Cancer Institute's SEER database, looking at people diagnosed with colon cancer between 2004 and 2010.

Stage	5-year Relative Survival Rate
I	92%
IIA	87%
IIB	63%*
IIIA	89%*
IIIB	69%
IIIC	53%
IV	11%

\*These numbers are correct : patients with stage IIIA or IIIB cancers have better survival than those with stage IIB cancers.

These statistics are based on a previous version of the staging system. In that version, there was no stage IIC (those cancers were grouped considered stage IIB). Also, some cancers that are now considered stage IIC were classified as stage IIB, while some other cancers that are now considered stage IIB were classified as stage IIC.

**Survival rates for rectal cancer, by stage**

The numbers below come from the National Cancer Institute's SEER database, looking at people diagnosed with rectal cancer between 2004 and 2010.

Stage	5-year Relative Survival Rate
I	87%
IIA	80%*
IIB	49%*
IIIA	84%
IIIB	71%
IIIC	58%
IV	12%

\*These numbers are correct; survival was better for some stage III cancers than for some stage II cancers.



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**NCCN Guidelines Version 1.2016 Staging  
 Colon Cancer**

[NCCN Guidelines Index](#)  
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[Discussion](#)

**Table 1. Definitions for T, N, M**

**Primary Tumor (T)**

TX Primary tumor cannot be assessed

T0 No evidence of primary tumor

Tis Carcinoma in situ: intraepithelial or invasion of lamina propria<sup>a</sup>

T1 Tumor invades submucosa

T2 Tumor invades muscularis propria

T3 Tumor invades through the muscularis propria into the pericolorectal tissues

T4a Tumor penetrates to the surface of the visceral peritoneum<sup>b</sup>

T4b Tumor directly invades or is adherent to other organs or structures<sup>b,c</sup>

**Regional Lymph Nodes (N)**

NX Regional lymph nodes cannot be assessed

N0 No regional lymph node metastasis

N1 Metastasis in 1-3 regional lymph nodes

N1a Metastasis in one regional lymph node

N1b Metastasis in 2-3 regional lymph nodes

N1c Tumor deposit(s) in the subserosa, mesentery, or nonperitonealized pericolic or perirectal tissues without regional nodal metastasis

N2 Metastasis in four or more regional lymph nodes

N2a Metastasis in 4-6 regional lymph nodes

N2b Metastasis in seven or more regional lymph nodes

**Distant Metastasis (M)**

M0 No distant metastasis

M1 Distant metastasis

M1a Metastasis confined to one organ or site (eg, liver, lung, ovary, nonregional node)

M1b Metastases in more than one organ/site or the peritoneum

**Table 2. Anatomic Stage/Prognostic Groups**

Stage	T	N	M	Dukes <sup>+</sup>	MAC <sup>*</sup>
0	Tis	N0	M0	-	-
I	T1	N0	M0	A	A
	T2	N0	M0	A	B1
IIA	T3	N0	M0	B	B2
IIB	T4a	N0	M0	B	B2
IIC	T4b	N0	M0	B	B3
IIIA	T1-T2	N1/N1c	M0	C	C1
	T1	N2a	M0	C	C1
IIIB	T3-T4a	N1/N1c	M0	C	C2
	T2-T3	N2a	M0	C	C1/C2
IIIC	T1-T2	N2b	M0	C	C1
	T4a	N2a	M0	C	C2
IV	T3-T4a	N2b	M0	C	C2
	T4b	N1-N2	M0	C	C3
IVA	Any T	Any N	M1a	-	-
IVB	Any T	Any N	M1b	-	-

Note: cTNM is the clinical classification, pTNM is the pathologic classification. The y prefix is used for those cancers that are classified after neoadjuvant pretreatment (eg, ypTNM). Patients who have a complete pathologic response are ypT0N0cM0 that may be similar to Stage Group 0 or I. The r prefix is to be used for those cancers that have recurred after a disease-free interval (rTNM). \*Dukes B is a composite of better (T3 N0 M0) and worse (T4 N0 M0) prognostic groups, as is Dukes C (Any TN1 M0 and Any T N2 M0). MAC is the modified Astler-Coller classification.

# Recurrent and Metastatic Disease: outcomes

- Patients to receive nonsurgical treatment do not survive 5 years
- 30% 1 year
  - 8% 2 years
  - 1% 4 years

## Recurrent and Metastatic Disease :outcomes

- Surgery only form of treatment that is potentially curative ( R0 resection)
- 50% patients with local recurrence have mets
- Demanding surgery

# Surgery for nodal recurrences

**After curative resection for CRC:**

**20% develop locoregional recurrence**

**10% will have disease in retroperitoneum**

**1-2% isolated nodal recurrence**

# 1. Surgery for nodal recurrences



Available online at [www.sciencedirect.com](http://www.sciencedirect.com)

ScienceDirect

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the Journal of Cancer Surgery

[www.ejso.com](http://www.ejso.com)

Long-term outcomes following resection of retroperitoneal recurrence of colorectal cancer



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# 1. Surgery for nodal recurrences

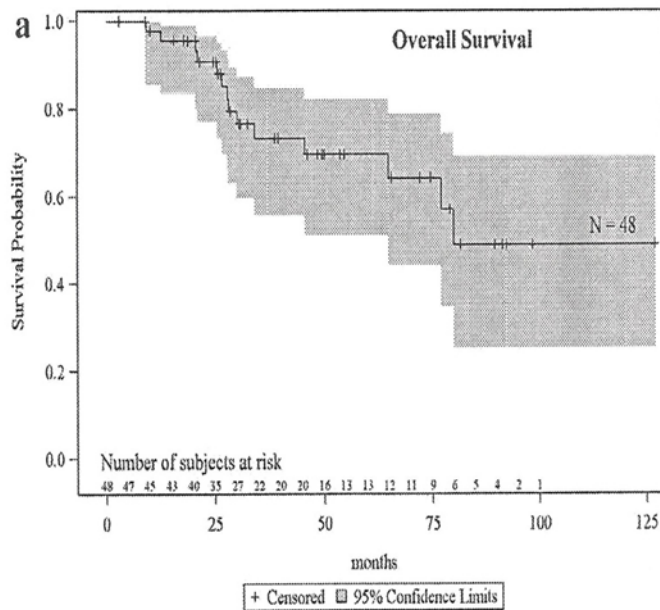


Figure 2a. Overall survival of the whole cohort ( $n = 48$ ).

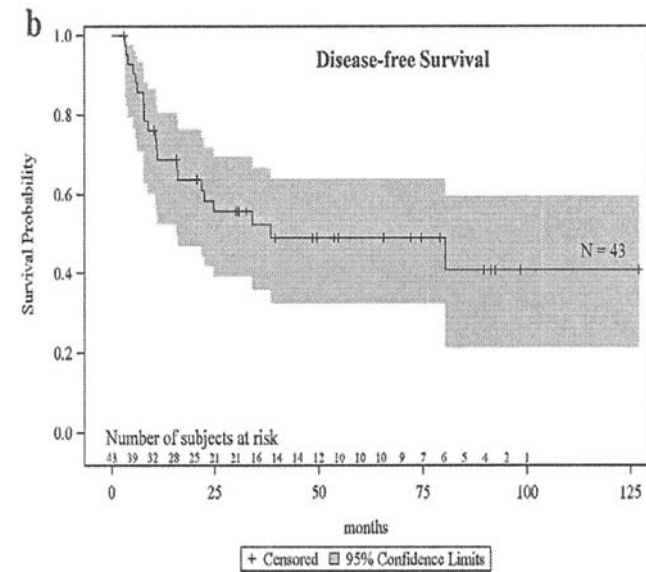


Figure 2b. Disease-free survival of patients without gross residual disease after RPR surgery ( $n = 43$ ).

# 1. Surgery for nodal recurrences

Systematic review HO, Mack, Temple 2011

110 patients : series from 1993-2010

median survival 34-44 months'

median DFS 17-21 months

Too heterogeneous for prime time



## 2. Local recurrence & locally advanced disease

Radiological criteria <sup>a</sup>	Compartment <sup>b</sup>	Median value <sup>c</sup>	Mean	SD	Importance value 1-3, %
Anterior tumor involving the uterus	Ant	1.0	1.2	0.60	100
Ovary or fallopian tube involvement	Ax	1.0	1.2	0.48	100
Anterior tumor involving the bladder	Ant	1.0	1.2	0.61	100
Anal canal involvement	Ax	1.0	1.2	0.56	100
Central tumor involving the anastomosis	Ax	1.0	1.3	0.84	97.0
Small-bowel involvement	Others	1.0	1.3	0.53	100
Anterior tumor involving the seminal vesicles	Ant	1.0	1.4	0.90	97.0
Involvement of the perineum	Ant	1.0	1.5	0.71	100
Anterior tumor involving the vagina	Ant	1.0	1.6	1.20	90.9
Levator ani involvement	Ant/Ax/Post	1.0	1.6	1.09	93.9
Anterior tumor involving the prostate	Ant	1.0	1.6	0.90	97.0
Single site of disease in the pelvis	Others	1.0	1.6	0.97	97.0
Posterior tumor involving the sacrum S3 and below	Post	1.0	1.8	1.09	90.9
Single-site pelvic disease with increased activity on PET	Others	1.0	1.9	1.48	84.8
Involvement of the urethra	Ant	2.0	2.0	1.19	87.9
Lateral tumor involving the pelvic ureter	Lat	2.0	2.1	1.57	90.9
Posterior tumor involving the presacral fascia	Post	2.0	2.4	1.73	81.8
Central tumor with nodal recurrence	Ax	2.0	2.6	1.98	78.8
Diagnostic quality of the MRI	Others	2.0	2.6	2.06	72.7
Internal iliac node involvement	Lat	3.0	3.1	1.84	69.7
Lateral tumor involving the internal iliac artery	Lat	3.0	3.1	1.68	63.6
Pelvic disease without increased activity on PET	Others	3.0	3.1	2.18	63.6
Lateral tumor involving the internal iliac vein causing thrombosis	Lat	3.0	3.4	1.93	60.6
Common iliac node involvement	Lat	3.0	3.4	2.14	63.6
Size/bulk of disease in pelvis	Others	3.0	3.8	2.19	54.5
Posterior tumor involving the sacrum S2 and below	Post	3.0	3.8	2.55	57.6
External iliac node involvement	Lat	3.0	3.8	2.39	57.6
Lateral tumor involving the obturator internus muscle	Lat	3.0	3.9	1.63	51.5
Lateral tumor involving the piriformis muscle	Lat	3.0	4.1	1.85	51.5
Anterior tumor involving the symphysis pubis or pubic rami	Ant	4.0	4.2	2.36	45.5
Greater than 1 site of disease in the pelvis	Others	4.0	4.5	2.45	48.5
Lateral tumor involving the ileum	Lat	4.0	4.7	2.88	42.4
Lateral tumor involving the external iliac artery	Lat	5.0	4.8	2.46	33.3
Inguinal node involvement	Others	5.0	4.9	2.75	39.4
Lateral tumor involving the external iliac vein causing thrombosis	Lat	5.0	5.1	2.66	39.4
Lateral tumor involving the ischium	Lat	5.0	5.1	2.45	30.3
Posterior tumor involving the sacral nerves	Post	5.0	5.5	2.81	30.3
Multifocal pelvic disease with increased activity on PET	Others	5.0	5.7	2.36	21.2
Posterior tumor involving the sacrum S1 and below	Post	7.0	6.1	2.80	24.2
Metastatic disease with increased activity on PET	Others	5.0	6.3	2.23	6.1
Lateral tumor involving the sciatic nerve or nerve roots	Lat	6.0	6.3	2.46	15.2

<sup>a</sup>All criteria are MRI criteria, unless otherwise stated as PET.

<sup>b</sup>Ant = anterior compartment: bladder, prostate, seminal vesicles, vas deferens, urethra, anterior half of vagina, pelvic bone (pubic symphysis, superior and inferior pubic rami), and anterior pelvic floor; Ax = central/axial compartment: posterior half of vagina, uterus, ovaries, fallopian tubes, rectum, anal canal and pelvic floor; lower sacrum (S4 down), coccyx, and pelvic floor muscle; Post = posterior compartment: pelvic bone (sacrum and coccyx) posterior pelvic floor, internal iliac vessel branches, piriformis muscle, and sacral nerves S1 to S4; Lat = lateral compartment: ureter, internal iliac vessels, external iliac vessels, ischium including tuberosity and spine, ischium muscles and ligamentous attachments, lumbosacral trunk, obturator nerve and vessels; Others = factors other than tumor involvement in the compartments listed above.

<sup>c</sup>Criteria were ranked on a scale of 1 to 9. A criterion considered "definitely important" was ranked with a value of 1, a criterion considered "undecided" was ranked with a value of 5, whereas a criterion considered "definitely not important" was ranked with a value of 9.

### Clinical, MRI, and PET-CT Criteria Used by Surgeons to Determine Suitability for Pelvic Exenteration Surgery for Recurrent Rectal Cancers: A Delphi Study.

Chew, Min-Hoe; Brown, Wendy; Masya, Lindy; Harrison, James; Myers, Eddie; Solomon, Michael

Diseases of the Colon & Rectum. 56(6):717-725, June 2013.

DOI:



## 2. Local recurrence & locally advanced disease

Clinicopathological criteria	Characteristic	Median value <sup>a</sup>	Mean	SD	Importance value 1-3, %
Ascites	Clinical	1.0	1.41	0.83	97.3
Jaundice	Clinical	1.0	1.49	1.43	94.6
Portal hypertension	Clinical	1.0	1.5	0.93	91.2
Cognitive impairment	Social	1.0	1.8	0.99	97.1
Renal failure treated by hemodialysis	Clinical	1.0	1.8	1.42	88.2
Cachexia	Clinical	1.0	1.8	1.68	91.9
History of pain	Presenting symptom	1.0	1.9	1.58	88.2
History of leg swelling	Presenting symptom	1.0	1.9	1.51	88.2
Lateral pelvic recurrence	Clinical	1.0	2.0	2.08	91.2
Bilateral or unilateral leg weakness with sensory deficit	Presenting symptom	1.0	2.0	1.63	89.2
Unable to consent because of poor comprehension	Social	1.0	2.0	1.71	89.2
Pelvic bone pain (sacrum/coccyx/hip)	Presenting symptom	1.0	2.1	1.78	88.2
ASA grade	Clinical	2.0	2.1	1.54	91.9
Isolated localized recurrence after previous exenteration surgery	Clinical	1.0	2.2	1.93	85.3
Fixed tumor to pelvic bone	Clinical	1.0	2.3	2.47	79.4
Circumferential pelvic tumor	Clinical	1.0	2.3	2.53	82.4
Anorexia and weight loss	Presenting symptom	2.0	2.5	1.29	76.5
Evidence of deep vein thrombosis	Clinical	3.0	2.7	1.73	91.2
Physically disabled	Social	2.0	2.9	2.22	70.6
Patient lives in a nursing home	Social	2.0	3.0	2.77	73.5
Resectable lung metastasis	Clinical	2.0	3.2	2.26	70.6
Resectable liver metastasis	Clinical	2.0	3.3	2.34	70.6
Age	Clinical	3.0	3.4	1.96	79.4
Posterior pelvic recurrence	Clinical	2.0	3.5	3.17	67.6
Smokes >30 cigarettes/d	Social	3.0	3.6	2.20	64.7
Previous hepatectomy for colorectal metastasis	Clinical	3.0	4.0	2.00	52.9
Mild to moderate liver disease (eg, fatty liver, hepatitis)	Clinical	4.0	4.2	1.75	44.1
Previous lung metastasectomy	Clinical	4.0	4.2	1.88	47.1
Mild to moderate pulmonary disease	Clinical	4.0	4.3	1.76	29.4
Mild to moderate cardiovascular disease	Clinical	4.0	4.6	1.96	35.3
Large fungating tumor to perineum	Clinical	4.0	4.7	3.31	38.2
Lack of caregiver or supportive family	Social	4.0	4.9	2.84	38.2
Intestinal fistula	Clinical	5.0	5.0	2.54	26.5
Poorly differentiated histology of the recurrence	Clinical	5.0	5.1	2.63	38.2
Bowel obstruction	Clinical	6.0	5.3	2.99	32.4
Asymptomatic recurrence (recurrence detected on routine follow-up)	Presenting symptom	8.0	5.5	3.69	38.2
Past history of other cancer	Clinical	6.0	5.7	2.37	20.6
Antiplatelet or anticoagulant therapy	Clinical	6.5	5.9	2.69	23.5
Preoperative serum CEA >20ng/mL	Clinical	7.0	6.5	2.54	20.6

<sup>a</sup>Criteria were ranked on a scale of 1 to 9. A criterion considered "definitely important" was ranked with a value of 1, a criterion considered "undecided" was ranked with a value of 5, whereas a criterion considered "definitely not important" was ranked with a value of 9.

### Clinical, MRI, and PET-CT Criteria Used by Surgeons to Determine Suitability for Pelvic Exenteration Surgery for Recurrent Rectal Cancers: A Delphi Study.

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10.1097/DCR.0b013e3182812bec

## 2. Local recurrence & locally advanced disease

### Contraindications to surgery

1. Poor performance status/medically unfit
2. Bilateral sciatic nerve involvement
3. Circumferential bone involvement

## 2. Local recurrence & locally advanced disease

### Relative Contraindications to surgery

1. Extension of tumour thru sciatic notch
2. Encasement
3. Circumferential bone involvement
4. Lateral pelvic side wall involvement
5. High sacral involvement S1/S2

## 2. Local recurrence & locally advanced disease

What are we offering?

1. Mortality 0.6%-5%
2. Morbidity 25%-100%
3. 5 year survival 20-60%

### 3. VISCERAL METASTASES

**I can't figure out who is eligible for a liver resection!**

Basingstoke index:

3 hepatic mets

Node positive primary

Poorly differentiated primary

Extrahepatic disease

Tumour > 5 cm

Worst 0.7 years

Best 7.4 years

## 3. VISCERAL METASTASES

I can't figure out who is eligible for a liver resection!

Absolute CI:

1. Liver failure
2. Unresectable extrahepatic disease
3. >70% liver involvement
4. Medically unfit
5. Biliary and hepatic outflow preserved

### 3. VISCERAL METASTASES

- . Lung mets should be considered potentially resectable with or without liver mets
- . Liver mets with hepatic nodes don't do well
- . Delphi study done in Ontario showed very poor agreement between HPB surgeons in 8 scenarios

## 4. Advanced and Unresectable Disease

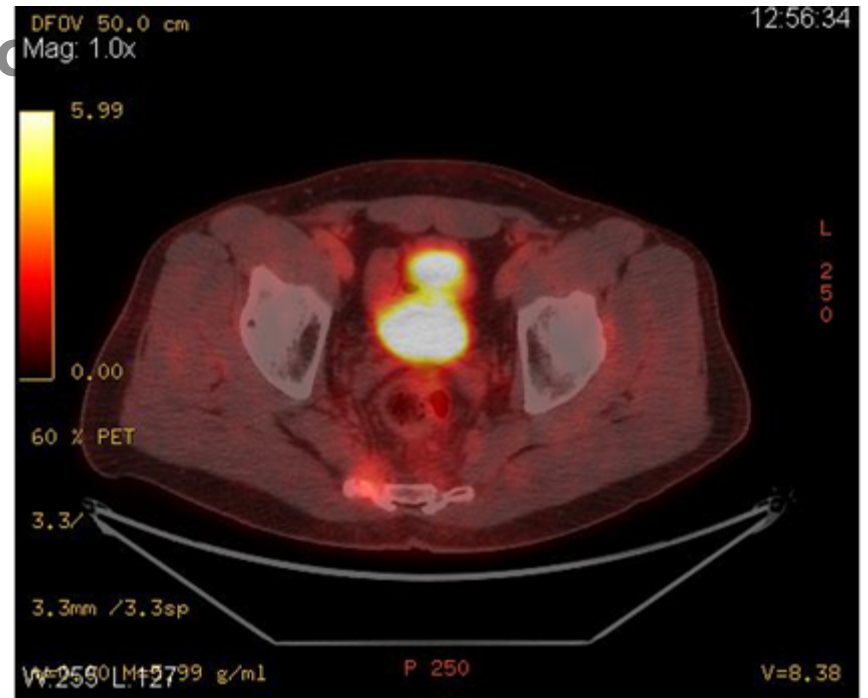
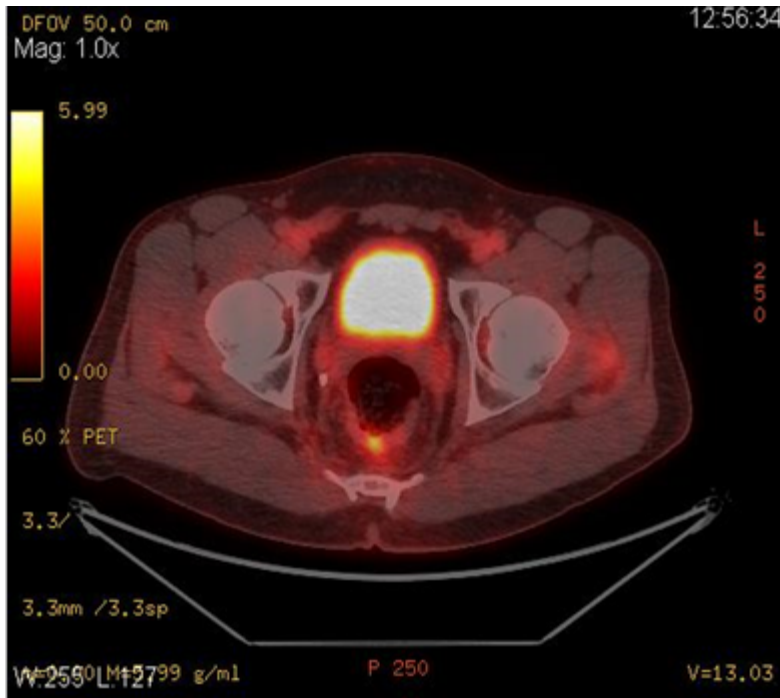
# Neoadjuvant chemotherapy:

## Who?

**Neoadjuvant or adjuvant  
Resectable or unresectable**



## 4. Advanced and Unresectable Disease



## 4. Advanced and Unresectable Disease

### Neoadjuvant chemotherapy:

**Why?**

**Micro metastases**

**Evaluate chemo responsiveness**

**Shrink tumour**

## 4. Advanced and Unresectable Disease

### **IS chemo beneficial for patients with initially resectable liver mets?**

Many studies no survival benefit

EORTC 40983 benefit

## 4. Advanced and Unresectable Disease

**Can chemo convert unresectable to resectable?**

**50% potentially resectable become resectable with irinotecan or oxaliplatin based regimens**

**32% unresectable become resectable with FOLFIRI ( 16% with FOLFOX)**

## 4. Advanced and Unresectable Disease

**Role of biologics uncertain:**

**FOLFOXIRI : 28% histopathologic response**

**FOLOXIRI & bev: 63%**

# Management of Recurrent and Advanced Tumours: When are Tumours Resectable, and Multidisciplinary Management

Non-resectability is like beauty:

difficult to define, and individually-perceived...

- Dr. Lawrence Wagman

# Management of Recurrent and Advanced Tumours: When are Tumours Resectable, and Multidisciplinary Management

1. Advanced, recurrent and metastatic disease can be cured
2. Indications keep changing
3. Teams necessary
4. Few standard protocols
5. MDT conferences mainstay
6. Resource intense
7. M & M must be acceptable

Saturday November 7 - Vancouver, BC

**2015 SON Fall Update**

*GI Tract Cancers: From Top to Bottom*



 **BC Cancer Agency**  
CARE + RESEARCH  
An agency of the Provincial Health Services Authority