

ROYAL MARSDEN HOSPITAL OVARIAN CANCER OPERATIVE REPORT

1. PATIENT INFORMATION

Hospital no.		Date of birth		Date of Surgery		WHO PS	Karnof PS	ASA grade
BMI	Pre-Op:	Hb	Albumin	Ca-125	CEA	Ca-19,9	Ca-15,3	others

2. SURGERY DATA

1 st Surgeon:		2 nd Surgeon:			Knife to skin (HH:mm):		Type of tumour:	Primary	Recurrent
Aim of surgery (circle):	Diagnostic	Staging	Primary CRS	Interval CRS	Secondary CRS	Tertiary CRS	Re-staging	Palliative	Emergency

Suspected or Confirmed Diagnosis:						FIGO Stage (Table 1):						
Suspected Stage IV? (before chemotherapy)	Yes	No	Pleural effusion	Y	N	Positive cytology	Y	N	n/a	Pleural / lung parenchyma	Y	N
			Liver parenchyma	Y	N	Spleen parenchyma	Y	N		Other (specify):		
			Extra-abdominal lymph nodes?	Y	N	Location:						

3. SURGICAL APPROACH AND FINDINGS

Previous gynaecological resection (circle):			Yes	No	If previous surgery, list organs resected:				
Approach (circle):			Open	Laparoscopic	Robotic	Volume of Ascites (circle):	0 mL	1 – 500 mL	>500 mL
Intraoperative surgical spillage:			Yes	No	Capsule rupture prior to surgery:			Yes	No
Frozen Section (circle):			Yes	No	Frozen Section Diagnosis:				

Y=yes / N=no / U=unknown

TUMOUR INVOLVEMENT

Right ovary	Vagina	Pelvic sidewall	Omentum	Para-aortic LNs	Lesser omentum	Coeliac LNs
Right tube	Uterus	Pelvic LNs	Large bowel	R diaphragm	Stomach	Abdominal wall
Left ovary	Bladder / ureter	R paracol gutter	Appendix	L diaphragm	Pancreas	Skin
Left tube	Sigmoid / rectum	L paracol gutter	Sm bowel mesen.	Liver surface	Spleen	Peri-cardiophrenic LNs
Pouch of Douglas	Recto-vag septum	Small bowel	Lg bowel mesen.	Liver parenchyma	Hepatic hilum LNs	Inguinal LNs

Peritoneal Cancer Index Scoring

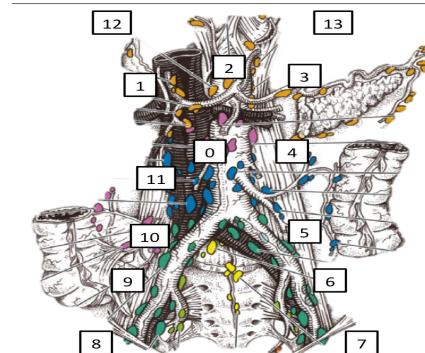
Score each section 0-3 pre and postoperatively:

PRE POST

0 Central		
1 Right upper		
2 Epigastrium		
3 Left upper		
4 Left flank		
5 Left lower		
6 Pelvis		
7 Right lower		
8 Right flank		
9 Upper jejunum		
10 Lower jejunum		
11 Upper ileum		
12 Lower ileum		
PCI		

Anatomical Landmarks for Assessing Residual Retroperitoneal Disease

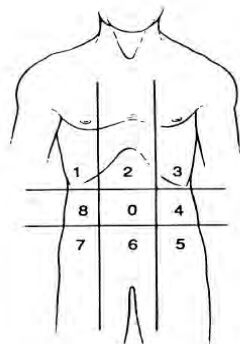
Tick all that apply:



RETROPERITONEAL DISEASE

	+	R+	RO
0 Interaortocava/preaort.			
1 Porta Hepatis			
2 Celiac Axis			
3 Suprarenal/Splenic			
4 Left aortic			
5 Left common iliac			
6 Left ext iliac			
7 Left inguinal			
8 Right inguinal			
9 Right ext iliac			
10 Right common iliac			
11 Pre-Paracava			
12 Right cardio phrenic			
13 Left cardio phrenic			

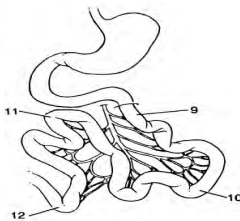
+: Suspicious or Positive
R+: Residual disease
RO: No residual disease



PERITONEAL CANCER INDEX

Lesion Size Score

LS 0 No tumor seen
LS 1 Tumor up to 0.5 cm
LS 2 Tumor up to 5.0 cm
LS 3 Tumor > 5.0 cm or confluence



4. SURGICAL PROCEDURES

Tick all that apply:

<input type="checkbox"/> Hysterectomy	<input type="checkbox"/> Pelvic lymphadenectomy	<input type="checkbox"/> Resection of lesser omentum	<input type="checkbox"/> Liver capsule resection
<input type="checkbox"/> Unilateral salpingo-oophorectomy	<input type="checkbox"/> Peritonectomy of paracolic gutters	<input type="checkbox"/> Partial gastrectomy	<input type="checkbox"/> Atypical liver resection (explain):
<input type="checkbox"/> Bilateral salpingo-oophorectomy	<input type="checkbox"/> Para-aortic lymphadenectomy	<input type="checkbox"/> Coeliac lymphadenectomy	<input type="checkbox"/> Partial hepatectomy
<input type="checkbox"/> Small bowel mesentery	<input type="checkbox"/> Small bowel resection	<input type="checkbox"/> Hepatic hilum lymphadenectomy	<input type="checkbox"/> Cholecystectomy
<input type="checkbox"/> Ureteral resection	<input type="checkbox"/> Large bowel resection	<input type="checkbox"/> Diaphragmatic stripping	<input type="checkbox"/> Morrison's Pouch peritonectomy
<input type="checkbox"/> Colorectal resection	<input type="checkbox"/> Appendicectomy	<input type="checkbox"/> Diaphragmatic resection	<input type="checkbox"/> Inguinal lymphadenectomy
<input type="checkbox"/> Partial cystectomy	<input type="checkbox"/> Infracolic omentectomy	<input type="checkbox"/> Splenectomy	<input type="checkbox"/> Peri-cardiophrenic lymphadenectomy
<input type="checkbox"/> Pelvic peritonectomy	<input type="checkbox"/> Radical omentectomy	<input type="checkbox"/> Partial pancreatectomy	<input type="checkbox"/> PlasmaJet

Number Anastomoses:	0	1	2	3	4	Residual small bowel (cm):	Stoma Formation:	yes	no	Stoma Type:	Definitive	Temporary	N/A
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Other procedures (circle):	IP-Port-a-cath	IV-Port-a-cath	Abdominal wall resection	Mesh placement	VATS	HIPEC	None
Further description of surgical procedures (eg: type of anastomoses, resection, stoma, indication for PlasmaJet):							

5. RESIDUAL DISEASE

Intra-abdominal (circle):	No macroscopic	0.1-0.59cm	0.6-1.0cm	>1cm				
Extra-abdominal (circle):	No macroscopic	0.1-0.59cm	0.6-1.0cm	>1cm				
Location (describe):								
Reason(s) for no complete debulking: <i>*see below</i>	1	2	3	4	5	6		
Consultant second opinion sought? (circle):	YES		NO					
CC-score (completeness of cytoreduction):	CC-0= no peritoneal nodule was seen CC-1= nodules persisting after cytoreduction <2.5mm CC-2= nodules between 2.5mm and 2.5cm CC-3= nodules >2.5cm or a confluence of unresectable tumour nodule at any site within the abdomen or pelvis							
GOG-score (max diameter of residual deposits):	1 = no macroscopic disease		2 = 0.1-1cm		3 = 1-2cm		4 = >2cm	

6. END OF OPERATION

Surgery finish time (HH:mm):	Estimated blood loss (mL):	Antibiotics:	Blood products transfused:
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Intraoperative complications:						
Patient admitted to ITU with (circle)	Inotropes	NGT tube	Epidural Catheter	Endotracheal tube	Chest tube	Drain(s):
Free text comments:						

* 1= diffuse deep infiltration of the root of small bowel mesentery, 2= diffuse carcinomatosis of the small bowel that requires resection leading to short bowel syndrome (<1.5m), 3= diffuse involvement / infiltration of stomach/duodenum, 4= diffuse involvement / deep infiltration of head or middle part of pancreas, 5= involvement of truncus coeliacus, hepatic arteries or left gastric artery, 6= non-resectable enlarged lymph nodes

Table S1
2014 FIGO ovarian, fallopian tube, and peritoneal cancer staging system and corresponding TNM.

I	Tumor confined to ovaries or fallopian tube(s)	T1
IA	Tumor limited to one ovary (capsule intact) or fallopian tube, No tumor on ovarian or fallopian tube surface No malignant cells in the ascites or peritoneal washings	T1a
IB	Tumor limited to both ovaries (capsules intact) or fallopian tubes No tumor on ovarian or fallopian tube surface No malignant cells in the ascites or peritoneal washings	T1b
IC	Tumor limited to one or both ovaries or fallopian tubes, with any of the following: IC1 Surgical spill intraoperatively IC2 Capsule ruptured before surgery or tumor on ovarian or fallopian tube surface IC3 Malignant cells present in the ascites or peritoneal washings	T1c
II	Tumor involves one or both ovaries or fallopian tubes with pelvic extension (below pelvic brim) or peritoneal cancer (Tp)	T2
IIA	Extension and/or implants on the uterus and/or fallopian tubes/and/or ovaries	T2a
IIB	Extension to other pelvic intraperitoneal tissues	T2b
III	Tumor involves one or both ovaries, or fallopian tubes, or primary peritoneal cancer, with cytologically or histologically confirmed spread to the peritoneum outside the pelvis and/or metastasis to the retroperitoneal lymph nodes	T3
IIIA	Metastasis to the retroperitoneal lymph nodes with or without microscopic peritoneal involvement beyond the pelvis	T1,T2,T3aN1
IIIA1	Positive retroperitoneal lymph nodes only (cytologically or histologically proven)	
IIIA1(i)	Metastasis \leq 10 mm in greatest dimension (note this is tumor dimension and not lymph node dimension)	T3a/T3aN1
IIIA1(ii)	Metastasis $>$ 10 mm in greatest dimension	
IIIA 2	Microscopic extrapelvic (above the pelvic brim) peritoneal involvement with or without positive retroperitoneal lymph nodes	T3a/T3aN1
IIIB	Macroscopic peritoneal metastases beyond the pelvic brim \leq 2 cm in greatest dimension, with or without metastasis to the retroperitoneal lymph nodes	T3b/T3bN1
III C	Macroscopic peritoneal metastases beyond the pelvic brim $>$ 2 cm in greatest dimension, with or without metastases to the retroperitoneal nodes (Note 1)	T3c/T3cN1
IV	Distant metastasis excluding peritoneal metastases Stage IV A: Pleural effusion with positive cytology Stage IV B: Metastases to extra-abdominal organs (including inguinal lymph nodes and lymph nodes outside of abdominal cavity) (Note 2) (Note 1: includes extension of tumor to capsule of liver and spleen without parenchymal involvement of either organ) (Note 2: Parenchymal metastases are Stage IV B)	Any T, Any N, M1 T3c/T3cN1)

Notes:

1. Includes extension of tumor to capsule of liver and spleen without parenchymal involvement of either organ.
2. Parenchymal metastases are Stage IV B.