	pplemental Material pendix 1 - Survey or		motherapy Use in B	ladder Cancer (M	edical Oncologist version)
1.	What proportion of	your practice is de	edicated to the man	agement of genito	ourinary cancers?
	<pre>&lt;10% of all referrals</pre>	10% to 25% of all referrals	25% to 50% of all referrals	>50% of all referrals	
2.	Where does the ma	jority of your clinic	cal practice occur?		
	Non-Academic Setting	Academic Setting			
3.	How long have you	been practicing as	a medical oncologis	st?	
	<5 Years	☐ 5 -9 Years	>10 Years		
4.	Do you practice on a	a full-time or part-	time basis?		
	Full time- Greater than thirty hours per week	Part time- Less than thin hours per we	-		
5.	What proportion of administration)?	your time do you	spend in clinical pra	ectice (versus oth	er activities, such as research, education or
	<25%	<b>25-50</b> %	<b>50-75</b> %		

## 2-1 Overall Bladder Cancer Referral Information

		ed number eferred in 2		eferred to your	practice with <u>bladder cancer</u> annually? For example, how	many
<u> </u>		5-10	<u> </u>	<u> </u>		
7. Of all of t listed age	_	s referred to	o your practi	ce with <u>bladder</u>	· cancer, what do you estimate to be the relative contributi	ion of each
<50 Years	<25%	25-50%	50-75%	>75%		
50-65 Years						
65- 85 Years						
>85 Years						

Ie. If you estimate less than 25% of all patients referred to your service with bladder cancer are under the age of 50, place an X in the box under the column marked <25% within the row marked <50 years of age.

### 2-2 Overall Bladder Cancer Referral Information

_		red to your nance status	-	th <u>bladder</u>
ECOG 0	<25%	25-50%	50-75%	>75%
ECOG 1				
ECOG 2				
ECOG 3				
ECOG 4				
_	itients refe	rred to your ty as the sou 25-50%	_	
Urologist		23-30%	30-73%	7/370
Radiation Oncologist				
Family Physician				
Other				

Ie. If you estimate family physicians represent 20% of all the referrals you receive for management of bladder cancer, place an X in the box under the column less than 25%, within the row marked Family Physician.

# 3-1 Neoadjuvant Chemotherapy- Referral Information

-				_	ents with bladder cancer referred to your practice for consideration of patients were you referred in 2009?
□ 0		1-2	3-4	<u> </u>	Please specify:
_		red to your plants	_	considerat	ion of <u>neoadjuvant chemotherapy</u> , what do you estimate to be the relative
<50 Years	<25%	25-50%	50-75%	>75%	
50-65					
Years 65-85					
Years >85 Years					

## 3-2 Neoadjuvant Chemotherapy- Referral Information

_					ractice for consideration of <u>neoadjuvant therapy,</u> what do you rmance status?
ECOG 0	<25%	25-50%	50-75%	>75%	
ECOG 1					
ECOG 2					
ECOG 3					
ECOG 4					
Urologist	<25%	25-50%	50-75%	>75%	
Radiation Oncologist					
Family Physician					
Other (please					

### 3-3 Neoadjuvant Chemotherapy- Referral Information

14. Of all patients with bladder cancer referred for consideration of <u>neoadjuvant therapy</u>, what do you estimate to be the relative contribution of each listed T -stage of bladder cancer?

T2a Invades superficial	Never	<25%	25- 50%	50- 75%	>75%
muscle  T2b  Invades deep muscle					
T3a Microscopic invasion of perivesical tissue					
T3b  Macroscopic invasion of perivesical tissue					
T4 Tumour invades adjacent organ- prostate, uterus, pelvic/abdominal wall					

15.0f all patient contribution					r consideration of <u>neoadjuvant therapy</u> , what do you estimate to be the relative der cancer?
	Neve r	<25%	25- 50%	50- 75%	>75%
N1 One positive LN <2cm in diameter				7370	
N2 One positive LN 2-5cm in diameter, or multiple positive LN					
N3 One or more positive LN >5cm in diameter					
			3-4 Neoa	<u>ıdjuvant</u>	t Chemotherapy- General Staging/ Goals of Care
16. Do you offer	neoadjı	ıvant che	emothera	py to pati	tients with bladder cancer?
☐ Yes	I	□ No Please skij	p to next s	ection.	

17.0f all of the patients you offer neoadjuvant chemotherapy to,	what do you estimate to be the relative contribution of each
category of goal of treatment?	

	Never	<25%	25-	50-	>75%
Downsize/ Convert to a surgical candidate			50% 	75% 	
Attempt Bladder Preservation <sup>a</sup>					
Standard of Care					
Other (please Specify):					

<sup>&</sup>lt;sup>a</sup>Refers to the use of neoadjuvant chemotherapy alone as a bladder preservation strategy, if used concurrently with radiation please see concurrent therapy section.

#### 3-5 Neoadjuvant Chemotherapy- Factors influencing recommendations

	Questions	18-23	refer	to the	following	clinical	vignette
--	-----------	-------	-------	--------	-----------	----------	----------

You are referred an 80 year old male with muscle invasive transitional cell carcinoma, diagnosed by cystoscopy, seen on CT abdomen to be invading into the pelvic wall (stage 4Ba). His creatinine is 120, and he is ECOG 2. His past medical history is insignificant. You are referred by his Urologist for consideration of neoadjuvant therapy.

chemotherapy		•	rmed if you would have offered them as routine in your practice.
CT Chest	CT Abdomen & Pelvis	☐ Bone Scan	☐ Cystoscopy
☐ CXR	US Abdomen & Pelvis	☐ MRI Abdomen & Pelvis	CT/ MRI Head
☐ Urine Cytology	□ Other (please s		
	<b>yould contribute to you</b> mportance (1) to least in		ffer neoadjuvant chemotherapy? Please rank in order of importance
Stage			
Functional Status			
Age			
Creatinine			
Co-morbid Illness			
Other (please speci	fy):		

NOT a facto		COG 1	ECOG 2	☐ ECOG 3	☐ ECOG 4	
Other (pleas	e specify):					
						•
			_			
b) At what	T stage wou	ld you NOT r	ecommend neo	adjuvent chemot	therapy? Check <u>AL</u>	<u>L</u> that apply.
T Stage	T2a	T2b	Т3а	T3b	T4a	
NOT a	Invades	Invades dee	<u> </u>	Macroscopic	_	
factor	superficial muscle	muscle	invasion of perivesical	invasion of perivesical	adjacent organ- prostate, uterus,	
10.0001	musere		tissue	tissue	pelvic/abdominal	
					wall	
Other (plea	se specify):					
a) Atwhat	nodal status	would vou l	NOT recommend	l noodiuwant ch	nemotherapy, if an	.v.?
cj At what	noual Status	would you i	vo i recomment	i nebaujuvant cn	iemotherapy, ir an	ıy:
Nodal Statu	s N1		N2	N3		
	One pos		One positive LN 2-	One or more		
is NOT a		diameter	5cm in diameter, or multiple positive LN	positive LN >5cm in diameter		
is NOT a factor	<2cm in			didilictoi		
	<2cm in					
factor						
factor						
factor  Other (plea	se specify):	ou NOT reco	mmend neoadjı	ıvant chemother	<b>rapy?</b> Check <u>ALL</u> th	at apply.
factor  Other (plea	se specify):	ou NOT reco	mmend neoadjı	ıvant chemother	<b>capy?</b> Check <u>ALL</u> th	at apply.
factor  Other (plea	se specify): age would y	ou NOT reco	mmend neoadju	vant chemother	<b>apy?</b> Check <u>ALL</u> th	at apply.
factor  Other (plea  d) At what	se specify): age would y		70-75			at apply.

e) At what GFR value would you NOT recommend neoadjuvant chemotherapy? Check ALL that apply.							
	Renal function SNOT a factor	<20 ml/min	20-40 ml/min	☐ 40-60 ml/min	>60 ml/min		
	Other (please spe	cify):			<u> </u>		
Question 20(f) refers to the following clinical vignette. (Repeated from above) You are referred an 80 year old male with muscle invasive transitional cell carcinoma, diagnosed by cystoscopy, seen on CT abdomen to be invading into the pelvic wall (stage 4Ba). His creatinine is 120, and he is ECOG 2-3. His past medical history is insignificant. He was referred by his Urologist, who felt he was a poor surgical candidate due to the extent of tumor invasion and his poor functional status.  f) Would you offer neoadjuvant chemotherapy to the patient presented in this clinical vignette, why/why not?							
g)			actors that would eemed <u>not a surgi</u>		mmend <u>palliation</u>	versus neoadjuvant chemotherapy in a	1
h)		s on factors that l <u>a surgical cand</u>		o recommend <u>ne</u> c	oadjuvant chemot	herapy in a patient with bladder cance	r

# 3-6 Neoadjuvant Chemotherapy- Regimen

21. What is the <u>neoadjuvant chemot</u> cycles used.	<u>therapy</u> regimen you would use in your practice? Please specify dosage, schedule and number of
Gemcitabine/ Cisplatin Day 1, 8 of 21 day cycle Gemcitabine Dose: Cisplatin Dose: Number of Cycles:	Gemcitabine/ Cisplatin Day 1, 8, 15 of 28 day cycle Gemcitabine Dose: Cisplatin Dose Number of Cycles:
Gemcitabine/ Carboplatin Schedule: Gemcitabine Dose: Other (include dose): Number of Cycles:	Gemcitabine single agent Schedule: Agent 1 (include dose): Agent 2 (include dose): Number of Cycles
MVAC Schedule: Methotrexate Dose: Vinblastine Dose: Adriamycin Dose: Cisplatin Dose: Number of Cycles:	High Dose MVAC Schedule: Methotrexate Dose: Vinblastine Dose: Adriamycin Dose: Cisplatin Dose: Number of Cycles:
Other (please specify):	
22.What adjustments would you ma	ake if the patient had renal insufficiency?
What do you use as your cut-off	GFR/Creatinine?

 $23.\ Please\ indicate\ clinical/pathological\ features\ you\ consider\ higher\ risk, and\ the\ regimen\ you\ would\ use\ in\ these\ patients.$ 

## 3-7 Neoadjuvant Chemotherapy- Staging and Follow-up

24.Do you offer <u>restaging</u> as standard of care in your practice?						
☐ Yes	☐ No Please skip questio	ons 25, 26				
	lowing midway stagin tment? Check all that		offer a patient during <u>neoadjuvant chemotherapy</u> , in order to assess			
CT Chest	CT Abdomen & Pelvis	☐ Bone Scan	☐ Cystoscopy			
☐ CXR	US Abdomen & Pelvis	MRI Abdomen & Pelvis	CT/ MRI Head			
☐ Urine Cytology	Other (please sp	ecify):				
26.At what point <u>dı</u>	ıring the neoadjuvant	regimen do you <u>rest</u>	age using the above modalities?			
After cycles	After 50% of cycles	After completion of regimen	Other (please specify):			
27.In your practice cystectomy?	, what do you estimat	e to be the <u>average ti</u>	me frame between the final dose of neoadjuvant chemotherapy and			
<pre>&lt; 2 weeks</pre>	] 2-4 weeks	weeks	s			

-	ited with neoadjuvant chemotherapy, do you then also use adjuvant chemotherapy post-operatively as the e in your practice?
Yes	☐ No Please skip question 29, 30
29.What are the fa	ctors that would make you more or less likely to offer subsequent adjuvant chemotherapy?
30.What regimen o	of adjuvant chemotherapy would use you in patients who had neoadjuvant chemo and are now post op.?
Regimen (include o Schedule: Number of Cycles:	dose):
31.Any additional	comments on the use of neoadjuvant chemotherapy in your practice.