

CASE REPORT FORMS (CRFs)

POTENTIALLY ELIGIBLE PATIENTS ONLY



INELIGIBLE AND DECLINED FORM

Outline data on patients who are ineligible or who decline participation							
Date of attempted recruitment D D / M M / Y Y Y Y							
Year of birth	Gender Male Female						
Reasons for non-inclusion (tick main reason only):							
	Patient missed						
	Ineligible (Please specify below)						
	Visual evidence of low risk NMIBC (solitary tumour < 3cm)						
Visual evidence of MIBC on preliminary cystoscopy, i.e non-papillary or sessile mass (attached directly by its base without a stalk)							
Imaging evidence of MIBC – CT/USS (this includes the presence of hydronephrosis, which may be present despite clear imaging of MIBC in the bladder)							
	Upper tract (kidney or ureteric) tumours on imaging						
Any other malignancy in the past 2 years (except: non-melanomatous skin cancer cured by excision, adequately treated carcinoma in situ of the cervix, DCIS/LCIS of the breast or prostate cancer in patients who have life expectancy of >5 years upon trial entry)							
Evidence of metastases							
	Porphyria or known hypersensitivity to porphyrins						
Known pregnancy (based on history	and without formal testing, in keeping with day-to-day NHS practice of PDD use)						
	Unable to give informed consent						
	Unable to complete study questionnaires						
	Patient not interested in the study						
	Patient does not want PDD treatment						
	Patient opted for PDD treatment						
	Other						
If other places are sife.							
If other, please specify							
Signature of recruiter							
Print name							



Patient Details

Study ID										
Title (Mr, Mrs etc)										
First names										
Surname										
ADDRESS										
House name										
House number										
Street name										
Town/City										
Postcode										
Preferred Method of 0	Comm	nunic	ation	1:						
L	_andli	ne			Mobi	ile		En	nail	
Telephone number (including code)										
Mobile tel. no.										
Email address										
NHS number										
Hospital number										
CHI number (Scotland only)										

GENERAL PRACTITIONER													
Initials]										
Surname													
Practice Name													
Street no. and name		<u> </u>	<u> </u>	<u> </u> 	<u> </u>						<u> </u>	<u> </u> 	<u> </u>
Town/City		<u> </u>	<u> </u> 	<u> </u> 						<u> </u>	<u> </u> 	<u> </u> 	<u> </u>
Postcode			<u> </u>	<u> </u>						<u> </u>	<u> </u>		
Telephone number (including code)]
HOSPITAL CONSULTA	ANT												
Initials													
Surname													
Demographic	De	etai	ls										
Smoking Status:													
		C	Currer	nt 🗌		Prev	/ious				Nev	ver	
If current or previous							8	Start y	/ear				
Number of Cigarettes	per (?yak								_			
If previous							5	Stop y	/ear				



Patient Eligibility Screening

Inclusion Criteria

		Yes	No*
1.	Is the subject age 16 or over years?		
2.	First suspected diagnosis of bladder cancer		
3.	Visual/ultrasound/CT diagnosis of intermediate/high risk NMIBC: defined by:		
	a) White light visual appearance of intermediate or high risk disease tumour ≥3cm, OR two or more tumours, OR		
	flat velvety erythematous changes alerting a clinical suspicion of CIS AND/OR		
	b) Suspicion of papillary bladder tumour ≥ 3cm based on ultrasound or computerised tomography (CT) scanning (without hydronephrosis)		
4.	Willing to comply with life style guidelines (protocol section 6.4)		
5.	Written informed consent for participation has been given		
	Exclusion Criteria		
		Yes*	No
1.	Visual evidence of low risk NMIBC (solitary tumour < 3cm)		
2.	Visual evidence of MIBC on preliminary cystoscopy, i.e non-papillary or sessile mass (attached directly by its base without a stalk)		
3.	Imaging evidence of MIBC – CT/USS (this includes the presence of hydronephrosis, which may be present despite clear imaging of MIBC in the bladder)		
4.	Upper tract (kidney or ureteric) tumours on imaging		
5.	Any other malignancy in the past 2 years (except: non-melanomatous skin cancer cured by excision, adequately treated carcinoma in situ of the cervix, DCIS/LCIS of the breast or prostate cancer in patients who have life expectancy of >5 years upon trial entry)		
6.	Evidence of metastases		
7.	Porphyria or known hypersensitivity to porphyrins		
8.	Known pregnancy (based on history and without formal testing, in keeping with day-to-day NHS practice of PDD use)		

9.	_	litions that in the Principal Investigator's opinion would protocol treatment.	
10.	Unable or unwi Questionnaires	lling to complete follow up schedule (Including	
11.	Unable to prov		
_	nature of ruiter		
Pri	nt name		



Randomisation

(& consent check)

Gender	M	F	Date	of birth	D	/ M M	/ Y	Y	Υ
INFORME	D CONSE	NT							
				ust be given n in the stud		any study	specifi	c proced	ures
Has the successive consent?	ubject fre	ely given w	ritten infori	ned		Yes		No	
Has the su PHOTO -T		ven written	informed co	onsent to		Yes		No	
Study Nun Allocated	nber								
Please ens		the study n	umber is al	so copied to	the Ba	seline Que	stionn	aire and I	Post
Has Partic	cipant co	mpleted Ba	seline Ques	stionnaire?		Yes		No	
If NO, plea allocation.		e this is co	mpleted pri	or to patient	being i	nformed o	f their ı	randomis	ed
Treatment	allocated	d to:							
		Whit	e Light]		Blue Light			
Scheduled	l date of s	surgery	/ [/					



Initial Resection Form

		Study Number
A 1	Date of Admission	D D / M M / Y Y Y
A1a	Did TURBT take place as planned?	Yes No
		If YES go If NO go to to B1 A1b
A1b	Date of abandoned TURBT	D D / M M / Y Y Y
please g	jive reason TURBT was abandoned:	
B1	Date of Operation	
	-	
B1a	Time of entry into anaesthetic room	H H : M M
B2b	Time of leaving operating room	H H I M M
C1	Did patient receive installation of Hexlight?	vix if allocated to Blue Yes No
		N/A
If NO,	please give reason Hexvix not given :	
D1	Did patient receive allocated interven	tion? Yes No
If NO,	please give reason:	
E1	During surgery were there any Intra complications?	perative Yes No
If Yes,	please give details:	
	Extra-peritoneal perforation	Peritoneal perforation
		Other*
*Pleas	e give details if Other Intra operative com	olications:



Initial Resection Pathology Report Form

Pathological data of the initial tumour re	esection	
	Participant Study Number	
Path	ology Identifier Number	
Date of Completion	D D / M M / Y Y Y	′
Histological Type	Predominantly TCC Non TCC	
	No tumour*	
* No fu	urther details required if 'No tumour' Histological fir	nding
Detrusor muscle identified in specimen	Yes No	
Tumour Grade (WHO 1973/2003)	G1 G2 * specify High Low G3	
Pathological State (please tick all that ap	oply)	
pTx pTa pT1	pT ₂ T _{is} /CIS	
Lymphovascular invasion	YES NO	
Re-resection indicated	YES NO	

Operation details source data form
Hospital number Initials Date of birth Day Month Year
PHOTO: Record details at initial resection, second resection if required and any subsequent treatment for recurrence
Visual assessment: tumour details (tick as applicable) Number of tumours Suspected carcinoma in situ None 1 2-7 ≥ 8 Yes No Tumour diameter (largest tumour) Incomplete resection $< 3 \text{cm}$ $\geq 3 \text{cm}$ Y N Please note location of any tumours visible on cystoscopy
Posterior Hemisphere Anterior Hemisphere Dome Posterior Wall
Right wall Left wall
Surgeon details-to be collected at time of initial resection only Grade of operating surgeon
Registrar Consultant Non Consultant Career Grade Experience of Photodynamic Diagnosis (PDD) procedures
Experience of Photodynamic Diagnosis (PDD) procedures <10
Once completed, this form should be stored in the patient's medical notes and used as source data for completion of trial Case Report Forms (CRFs) as applicable
Signature Day Month Year Print name



Post-Operative Details

	Study Nur	mber	
Intravesical Treatment			
Mitomycin-C (MMC) Administration:			
Has MMC been administered to the patient af	ter TUR-T? Yes		No
If NO, please give reason			
Deep resection	Perforation	Infec	ction
Uncontrollable bleeding	Patient Choice	Irrita	ntion
	Physicians choice*	Ot	:her*
* please give details,			
If MMC has been administered choose the tin	ning:		
< 6 hours after TURT 6-24 hour	s after TURT >	24 hours after T	URT
Has the patient filled in the post treatment Qu Questionnaire <u>after intervention</u>	ıality of Life	Yes	No
If No, please ensure these are completed before	ore patient is dischar	ged.	
Date of discharge	D D /	M M / Y	YYY



Second Resection Form

		Study N	Num	ber		\prod			I
Reason for second resection	Histolo find	ogical dings			scopic esection		ıplete	; [
Date of Admission		D D]/[M	M	/ Y	Υ	Υ	Υ
Date of Operation		D D]/[M	M	/ Y	Υ	Υ	Υ
Time of entry into anaesthetic room					Н	Н	:	M	\mathbb{M}
Time of leaving operating room					Н	Н	:	M	\mathbb{M}
Was TUR-T performed under same conditions as first TUR-T?		Y	⁄es [No]
Was there a tumour detected?	Yes*	*Please input source data fo		ation d	etails		No]
During surgery were there any Intra complications?	operative	Y	⁄es				No		
If Yes, please give details:									
Extra-peritoneal perforation		Periton	neal _I	perfo	ration	<u>, </u>]		
				(Other*	;			
*Please give details:									



Second Resection Pathology Report Form

	Study Number
	Pathology Identifier Number
Date of Completion	D D / M M / Y Y Y
Histological Type	Predominantly TCC Non TCC
	No tumour*
	* No further details required if 'No tumour' Histological finding
Detrusor muscle identified in spec	imen Yes No
Tumour Grade (WHO 1973/2003)	G1 * specify High Low G3
Pathological State (please tick all t	hat apply) pT1 pT2 Tis /CIS
Lymphovascular invasion	YES NO



3 month Cystoscopy Form (Follow Up 1)

					Stu	dy Numbe	r		
D	id particip	ant attend	for cystoso	copy?		Yes	S	No*	
*	์lf No please (give details							
D	ate of Cyst	toscopy			D	D	M M	Y	Y
M	lethod of C	ystoscopi	<u>c Assessm</u>	<u>ent</u>					
			White Ligh	nt	Blu	ue Light			
		Narrow Ba	nd Imagin	g		Other*			
*	Please give o	letails							
re	Was a tumour detected and confirmed by pathology report?								
••	If Yes, how was it managed?								
	Same day fulguration* Appointment for TUR-T at OR*								
	* Please complete the Recurrence Resection form & Recurrence Resection pathology form AND input the Operation Details Source Data form.								
af	ter initial (e any adve or second [nX Clavi	if required))TURBT u	ising the C	cipant with lavien Dind	nin 30 days do reportin	post oper g system a	atively as
ĺ	Clavien Grade	Clavien I	Clavien II	Clavien IIIa	Clavien IIIb	Clavien IVa	Clavien IVb	Clavien V	
	nX Clavien Grade								

ADVERSE EVENTS					
Did the participant encounter any adverse events after <u>initial (or second if required)</u> TURBT up until this visit that may be <u>related</u> with the procedure?					
If NO, stop here, no fu	ırther details	s required.			
If YES , please comple	te the deta i	ils below:			
Did the Adverse Event meet the	e criteria fo	or SAE reporting? Yes*	No		
*If YES, please complete a SAE	E form				
CTCAE v4		re Grade 3* and above *According to the			
below (more than 1 category may be	_	om g me bek mat appnee m me net			
Bladder Discomfort/pain		Haematuria			
Postoperative dysuria		Bleeding resulting in clot retention			
Urinary retention		Bladder perforation			
Urinary tract infection		Skin Rash			
Nausea		Diarrhoea			
Vomiting		Constipation			
Urinary frequency		Fever			
Increase in white blood cell count		Increased level of bilirubin			
Insomnia		Headache			
Anaemia		Gout			
DVT		Prolonged Catheterisation			
Urethral Stricture					



6 month Cystoscopy Form (Follow Up 2)

	Study Number
Date of Cystoscopy	D D / M M / Y Y Y
Method of Cystoscopic Assessment	
White Light	Blue Light
Narrow Band Imaging	Other*
*Please give details	
Was a tumour detected and confirmed by pathology report?	Yes* No
If Yes, how was it managed? Same day fulguration*	Appointment for TUR-T at OR*

^{*} please complete the Recurrence Resection form, input the Operation Details source data form and ensure the Recurrence Resection pathology form is completed.



9 month Cystoscopy Form (Follow Up 3)

Date of Cystoscopy	Study Number
Method of Cystoscopic Assessment	
White Light	Blue Light
Narrow Band Imaging	Other*
*Please give details	
Was a tumour detected and confirmed by pathology report?	Yes* No
If Yes, how was it managed? Same day fulguration*	Appointment for TUR-T at OR*

^{*} please complete the Recurrence Resection form, input the Operation Details source data form and ensure the Recurrence Resection pathology form is completed.



12 month Cystoscopy Form (Follow Up 4)

Date of Cystoscopy	Study Number / / / / / / / / / / / / / / / / / / /
Method of Cystoscopic Assessment	
White Light	Blue Light
Narrow Band Imaging	Other*
*Please give details	
Was a tumour detected and confirmed by pathology report?	Yes* No
If Yes, how was it managed?	
Same day fulguration*	Appointment for TUR-T at OR*

^{*} please complete the Recurrence Resection form, input the Operation Details source data form and ensure the Recurrence Resection pathology form is completed.



18 month Cystoscopy Form (Follow Up 5)

	Study Number
Date of Cystoscopy	D D / M M / Y Y Y
Method of Cystoscopic Assessment	
White Light	Blue Light
Narrow Band Imaging	Other*
*Please give details	
Was a tumour detected and confirmed by pathology report?	Yes* No
If Yes, how was it managed?	
Same day fulguration*	Appointment for TUR-T at OR*
* please complete the Recurrence Resection for	m, input the Operation Details source data form

and ensure the Recurrence Resection pathology form is completed.

ISRCTN84013636



24 month Cystoscopy Form (Follow Up 6)

Date of Cystoscopy	Study Number
Method of Cystoscopic Assessment	
White Light	Blue Light
Narrow Band Imaging	Other*
*Please give details	
Was a tumour detected and confirmed by pathology report?	Yes* No No
If Yes, how was it managed?	
Same day fulguration*	Appointment for TUR-T at OR*

^{*} please complete the Recurrence Resection form, input the Operation Details source data form and ensure the Recurrence Resection pathology form is completed.



36 month Cystoscopy Form (Follow up 7)

	Study Number				
Date of Cystoscopy	D D / M M / Y Y Y				
Method of Cystoscopic Assessment					
White Light	Blue Light				
Narrow Band Imaging	Other*				
*Please give details					
Was a tumour detected and confirmed by report?	pathology Yes No				
If Yes, how was it managed?					
Same day fulguration*	Appointment for TUR-T at OR*				
* Please complete the Recurrence Resection form & Recurrence Resection pathology form AND input the Operation Details Source Data form.					
<u>Intravesical Treatment</u>					
Which intravesical treatment has the part	icipant received:				
BCG Induction	BCG Induction and maintenance				
MMC weekly (6 weeks)	None				
	Other*				
*If other please give details, including dur maintenance	ration of BCG months				



Recurrence Resection Pathology Report Form

	Study Number
	Pathology Identifier Number
Date of Completion	D D / M M / Y Y Y
Histological Type	Predominantly TCC Non TCC
	No tumour*
	* No further details required if 'No tumour' Histological finding
Detrusor muscle identified in spec	eimen Yes No
Tumour Grade (WHO 1973/2003)	G1 * specify High Low G3
Pathological State (please tick all t	pT ₁ pT ₂ T _{is} /CIS
Lymphovascular invasion	YES NO



Recurrence Resection Form

	Study	Number	
Date of Admission	D D) / M M /	YYYY
Date of Operation	D D) / M M /	YYYY
Time of entry into anaesthetic room		Н	H : M M
Time of leaving operating room		Н	H : M M
Was there a tumour detected?	Yes* *Please inpu source data	it operation details form	No
Intravesical Treatment			
Which adjuvant intravesical treatment operative MMC installation) did the pa			
BCG Induction	BCG Induction mainten		
MMC weekly (6 weeks)		None	
	O	ther*	
*If other please give details, including maintenance	duration of BCG		months



Annual follow up form

(to be completed annually from date of any recurrence of NMIBC or from date of randomisation if no recurrence by 36 months post treatment)

		., .	Jacinon	,					
		Study nu	mber						
Q1. Is the patient still alive?	Ye	s	No		If no,	com	plete	SAE	form
Q2. Date patient last seen		D	D	M	M	,	Υ	Υ	
Q3a. Has the patient had blacancer recurrence?	dder _{Yes}		No						
If no disease is present patient follow up form	should conti	nue to be	follow	ed up	annu	ally ι	ısing	annu	al
Q3b. If yes, please provide d	etails:								
Recurrence of NMIBC	Yes	No		s, pleas ction pa		•		currer	ıce
Progression to MIBC	Yes	No		s, pleas ase for		nplete	e a pr	ogres	sive
Metastasis	Yes	No		s, pleas ase forr		nplete	e a pr	ogres	sive
Q4. Has the patient had to ur a cystectomy?	ndergo	Yes		No					
If Yes, please enter date of c	ystectomy	D	D	M	M	7	Y	Υ	



CHANGE OF STATUS

Study number
Date of change DD / MM / YYYY
Q1. Is this a post-randomisation exclusion? (i.e. the participant was not eligible for the study) If Yes, please state reason for the post-randomisation exclusion in the box below
Q2. Is this change of status as a result of: Loss to follow-up
If necessary, please add further details for the change of status in the box below
Q3. Who has requested the change of status? Participant Clinician Other Please specify
Q4. What does the change of status relate to? (tick as many boxes as required)
Having treatment/taking medication
Attending follow-up appointments
Completing further questionnaires
Donation of tissue samples to Biobank
Donation of further blood samples to Biobank
Donation of further urine samples to Biobank
Future research on stored samples (Only complete if the participant requests that they do not want any collected sample used for research)
Relevant outcome data being collected via hospital and GP records (only complete if participant explicitly requests this)



Serious Adverse Event/ Death Report Form

To be completed for any Serious Adverse Event (SAE) that is:

- Related (resulted from administration of any of the research procedures) and
- Expected (listed below and in section 11.2 of the protocol)

ALL deaths must be recorded using this Report Form

 Unexpected (unexpected events are not listed in section 11.2 of the protocol as a possible expected serious occurrence)

	Study No
Report date DD / MM M	YYYY
Initials	Date of birth DD / MM / YYYY
Date of event	D D / M M / Y Y Y
Is this an adverse event update?	Yes No
Q1.Is this event related to the Trar procedure undertaken as part	s-urethral resection of bladder tumour (TURB-T) surgery / f PHOTO?
result of a procedure required by the pr	e event (SAE) or an adverse event (AE) is 'related' if it occurs as a tocol, whether or not this procedure is the specific intervention under have been administered outside the study as normal care.
An example of an unrelated adverse en PHOTO surgery.	ent would be if the participant broke his leg as this is not related to the
Yes, related If Yes, complete this form	No, not related If No, please do not complete this form unless reporting a death
On what basis was the related/or not	related decision made?
Q2. Was the event expected? (s	ee list below) Yes No If no go to Q3

Expected events: Acute kidney injury, Additional intervention to gain access to bladder for cystoscopy, Bladder discomfort/pain, Haematuria, Postoperative dysuria, Bleeding resulting in clot retention, Urinary retention, Bladder perforation, Urinary tract infection, Skin rash, Nausea, Diarrhoea, Vomiting, Constipation, Urinary frequency, Fever, Increase in white blood cell count, Increased level of bilirubin, Insomnia, Headache, Anaemia, Gout, DVT, Prolonged catheterisation, Lower urinary tract symptoms (LUTS), Sepsis, Ureteric Obstruction/hydronephrosis

Q3. Type of event? (cross all appropriate to adverse event – if any boxes are crossed the adverse event is "serious")
Prolongation of existing hospitalisation
Requires re-hospitalisation after medical discharge*
Persistent or significant disability or incapacity
Life threatening
Patient died**
Considered medically significant by the investigator
* In the event of re- hospitalisation please complete:
Date of admission DD / MM / YYYY
Date of discharge D D / M M / Y Y Y
** In the event of a death please complete:
Was the primary cause of death related to participant's bladder cancer
Q3.1 Brief details of adverse event/death
Q3.2. Details of any intervention required
Q3.3. Place where adverse event/death took place/detected
Q3.4 Name and position of person (PI or delegated medical person) confirming assessment of this event.

To be completed by CI only			
If SAE is unexpected and related, a CI assessment is required.			
Does the CI confirm that this is a serious, unexpected and related SAE?			
Yes No			
Chief Investigator signature			
Date of CI assessment			



Pregnancy report form

phOto			1 1	<u> </u>	
	PHOTO study nu	ımber			
Q1 Prenatal details					
Q1a. Does the pregnancy relate to a female participant or the female partner of a male participant?			Fer	nale partne of a male participan	Э
Q1b. Expected delivery date		D D	M	MY	Υ
Q1c. Was contraception used as instructed? Yes			No		
Q2. Study treatment received	d				
Q2a. Date of PHOTO treatmer	nt D D	M Y	Υ		
Q2b. Was trial treatment continconception?	nuing at estimated	time of	Yes	No	
Q2c. Was trial treatment stopp	ed as a result of th	is event?	Yes	No	
Q2d. Was trial treatment delayed as a result of this event?			Yes	No	
	pleted once outcom	e of pregnancy l	known		
Q3. Pregnancy/birth outcom Q3a. Did the pregnancy/birth of expedited reporting as an SAE	outcome meet the	criteria for	Yes	No	
If yes, please complete an S	AE form				
Q4. Any additional informati	on				



Other distant site please specify:

Progressive disease NOTE: Any progression to muscle invasive bladder cancer or metastases should be reported as progressive disease PHOTO study number Q1. Date disease progression confirmed: Q2 Specify method of confirmation of progression: *TUR/Histological evidence *Pathology Ultrasound CT scan Bone scan X-ray **MRI** *Pathology Identifier Number (if known) Q3. Site(s) of progression If yes, please Other site in Bladder Regional: Yes No specify: pelvis Other regional site please specify: If yes, please specify: Distant: No Yes Distant lymph nodes Lung Liver Bone



SURGEON QUESTIONNAIRE CRF



PI name:	
Site name:	

Surgeon questionnaire

LEARNING CURVE FOR PDD ASSISTED TUR-T

Carrying out clinical trials in the field of surgery is very difficult and the presence of a learning curve may confound trial results making our speciality less appealing to funding bodies and journals. The aim of this questionnaire is for you to express *your* belief about the learning curve related to surgery for PDD assisted TUR-T. We are interested in *both* white light and blue light (PDD) TUR-Ts. This questionnaire will help with the design of future surgical trials and has been sent to you with the full approval of the PHOTO Trial group. *To be completed by the site PI*.

GEN	NERAL INFORMATION						
1.	What is your clinical position?						
2.	Do you carry out both	Do you carry out both white and blue light tumour resection?					
	Both/White lig	ht/Blue light TUR-T only	(please circle your c	hoice)			
3.	How many cases of TUR-Ts would you typically perform in a year?						
		a) White light o) Blue light		ses ses			
4.	How many cases of ⁻	ΓUR-Ts have you performe	d in your career?				
	•	a) White light o) Blue light	cas	ses ses			
SUF	RGICAL TRAINING						
		who has completed higher	surgical training in	urology and has 1	ΓUR-T:		
5.	,,	es' experience do you think	0	0,			
•	surgical operation?						
		a) White light o) Blue light		ses ses			
) Dide light	Ca.				
	What is an interquartile range? The interquartile range varies from the number you would expect 25% of surgical trainees to require to the number that would cover 75% of surgical trainees. For example, an interquartile range of 5 to 10 procedures' experience would imply you believed that 25% of surgical trainees needed 5 or less procedures' experience and 75% of trainees would require 10 or less procedures' experience. Similarly, an interval of 35 to 150 procedures' experience would state your belief that 75% of trainees need no more than 150 procedures' experience whereas 25% of trainees required 35 or less.						
6.	What is your estimate	e of the corresponding inter	quartile range? (see	e box above)			
	a) White light	interquartile range	to	cases			
	b) Blue light	interquartile range					

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