METRIC	Ĉ. Clir Trie
Site	Date of form
Patient Number Initials	Date of birth
PATIENT CASE REPORT FORM: BASELINE Patient Consent	
Patient is eligible according to the eligibility and exclusion criteria as confirmed on the screening CRF	Yes □ No □
Date of Patient Consent	DD/MMM/YYYY
Patient consented to providing blood samples, which will be tested for inflammatory markers	Yes □ No □
Patient consented to providing stool samples, which will be tested for inflammatory markers	Yes □ No □
Patient consented to undergo Ultrasound scan twice by different radiologists	Yes □ No □
Patient consented to undergo hydrosonography	Yes □ No □
Patient consented to complete study questionnaires	Yes □ No □
Answers should be based on screening results, as applical Please indicate if the patient has been newly diagnosed w Luminal Relapse of Crohn's Disease, by answering the foll	vith Crohn's Disease or suspected of
SECTION A	
Has the patient been newly diagnosed (within 3 months of screening Crohn's Disease OR is highly suspected of Crohn's Disease, but penalfy YES, please complete the rest of Section A If your answer is NO, placetion B.	ding diagnosis? Yes □ No □
Duration of symptoms, <i>please state</i> :(ye	ears/months))
Date of diagnosis, if pending, please state:	.(DDMMYYYY)

GΡ

Referral source, please circle:

Internal

External Hospital

Other, please provide detail.....





'ILTINIC	Trials Unit	
Patient Number Initials		

SECTION B (only complete if answer to Section A is 'NO')

Is the patient suspected of Luminal Relapse of Crohn's Disease according to Protocol	Yes □ No □
Definitions?	res 🗀 No 🗀
If YES, please complete the Case Report Form for Suspected Luminal Relapse	
If your answer is NO, the patient is not eligible for this study.	
How long has the patient had Crohn's Disease? Please state, years/months	
Current Montreal classification	

CLINICAL DETAIL

Please provide responses to the following:	
Is the patient male or female?	Male 🗆 Female 🗆
Does the patient have a family history of inflammatory Bowel Disease?	Yes □ No □ Not known □
Is the patient a current smoker?	Yes □ No □
is the patient an ex-smoker:	Yes □ No □ N/A □
Patient height (cm) (if known)	cm
Patient weight (kg) (if known)	kg Not known □

Current Cronn's Disease medication (if any)	
Drug	Dose (if known)





CLINICAL DETAIL

PREVIOUS BOWEL SURGERY	
Has the patient undergone previous bowel surgery? If yes, please provide detail of surgery below	Yes □ No □
Type of surgery (e.g. ileo-caecal resection, colectomy)	Date (DD/MMM/YYYY if known)





Patient Number	Initials	

CLINICAL DETAIL

CROHN'S DISEASE SYMPTOMS	
Symptom	Tick all that apply
Diarrhoea-no blood	
Diarrhoea- bloody	
Weight loss	
Abdominal pain	
Peri-anal sepsis	
Obstructive symptoms	
Cutaneous fistulation	
Fever	
Nocturnal symptoms	
Uveitis	
Erythema nodosum	
Arthropathy	
Mouth ulcers	
Other (state)	
Other (state)	

Completed by:			
Print name:	Signature:		Date:
Office Use Only:			
Received by (Print name & sign):	Date:	Entered by: (Print name & sign):	Date:





Site										Date of form					
Patie	nt l	Nun	nbe	r			Initia	als		Date of birth] [

PATIENT CASE REPORT FORM: HARVEY BRADSHAW

Thank you for agreeing to participate in this research study. Before you fill in the diary below it is important that you have read the Patient Information Sheet and the Informed Consent Form.

Symptom questionnaire

Instructions

Column A: please fill in the date

Column B: please fill in the number of liquid or very soft stools (motions) you have passed that day. For example if you have gone 5 times and two were 'normal' formed motions you would write down 3

Column C: please circle the number that most closely matches the worst pain you have felt all day (0 = none; 1 = mild; 2 = moderate; 3 = severe)

Column D: please circle the number that most closely matches how well (or unwell) you have felt during the day (0 = generally well; 1 = a bit under par; 2 = poor; 3 = very poor; 4 = terrible)

Column E: please circle 'Yes' if you have taken any medications to try and slow down your bowels (e.g. 'Imodium' (loperamide), Lomotil, codeine phosphate or any pain killers containing codeine such as cocodamol, codydramole, dichydrocodeine, DF118). If you take any pain killers for pain this does not count and you would circle 'No'. If you did not take anything to slow down the bowels then also circle 'No'

Column F: this only needs to be filled in if you have felt you have had a temperature (fever) and used a thermometer to find out

If you have any questions about how to fill in the diary, please contact your clinical care team.







	Α	В	С	D	E	F
Day	Date	Number of liquid or very soft stools	Abdominal pain rating (circle) 0 = none 1 = mild 2 = moderate 3 = severe	General wellbeing (circle) 0 = generally well 1 = a bit under par 2 = poor 3 = very poor 4 = terrible	Were anti- diarrhoeals taken? (circle) e.g. loperamide, codeine phosphate or lomotil	Temperature
MRI			0 1 2 3	0 1 2 3 4	Yes / No	





TO BE COMPLETED BY DOCTOR or trained nurse

Date of assessment	
Height (cm)	
Weight (kg)	
Arthritis present? (circle one)	No / Yes
Iritis or uveitis present? (circle one)	No / Yes
Erythema nodusum, pyoderma gangrenosum or aphthous stomatitis present? (circle one)	No / Yes
Anal fistula, fissure or abscess present? (circle one)	No / Yes
Other fistula present? (circle one)	No / Yes
Abdominal mass present? (circle one)	No / Questionable / Yes / Yes and tender
нст	





NAME of assessor capitals)			
SIGNATURE			
For office use only			
Received by (print name)	Date	Entered by (print name)	Date

METRIC	Site		Date of form	□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □		
	Patient Number	Initials	Date of birth	Unit		
PATIENT CASE REPORT FORM: CONSE	NSUS REFERENCE					
Name and expertise of consensus pane	l members					
Name	Expertise		State predominant imaging experience (MRI , USS or both equally)	Years of experience in Crohns disease		
	,		,			
Date of consensus panel DD/MMM/YY	YY					
Time at start of panel discussion						
Recruitment site						
Patient subgroup (please tick):						
New diagnosis	Relapse					



Data considered in consensus

Test	Tick if available	Date(s) performed DD/MMM?YYYY	Consensus panel review Small bowel disease present (y- clear cut/ e- equivocal/n/na). If yes or equivocal state segments. If equivocal state (e)	Consensus panel review If present or equivocal, small bowel disease active (y, n,	Consensus panel review Colonic disease (y- clear cut/ e- equivocal/n/na). If yes or equivocal state segments. If equivocal state (e)	equivocal, colonic active (y, n, na)	Comments (if required)
example	٧	11/Nov/2014	Y-TI, Jej (e)	Y	Y-R,S,C (e)	N	Chronic inactive colitis
example 2	٧	14/Dec/2014	Y-II	Y	No	N/A	
MR enterography							
Small bowel USS							
Colonoscopy				Complete	e detailed colonoscopy	table below	
Gastroscopy					Not appl	icable	
Sigmoidoscopy			Not appli	cable			
Capsule endoscopy							
CT enterography							
CT abdo pelvis							
MR enteroclysis							
MRI abdomen							



	Patient Numbe	er	Initials		Onit
and/or pelvis					
Barium FT					
Barium enteroclysis					
Hydrosonography					
White cell scan					
CRP				Not applicable	
НВІ				Not applicable	
Calprotectin				Not applicable	
Surgical resection					
Other					
Other					
Other					

D=duodenum, Jej=jejunum, II=ileum, TI=terminal ileum, C=caecum, A=ascending colon, T=transverse colon, D=- descending colon, S=sigmoid colon, R= rectum



Patient Number					Initials				
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Consensus overall patient status

Please State		Yes	No	Plea	ase State	Y	'es	No					
Any small bow disease?	el			Any colonic disease?									
If disease is present state activity and state evidence. Tick all that apply													
	Di	sease NOT			Disease	activ	e-tick e	evidence					
		active	see	ition is n at scopy	Measured CRP		Measured calprotectin >250		Histopathological evidence of acute inflammation based on biopsy or surgery within 2 months of trial imaging				
Any active small bowel disease?													
Any active colonic disease?													



Patient Number Initials Initials	
onsensus segmental disease status	
atients has a colonoscopy reference: YES \square NO \square	
yes-complete table below	

Colonoscopic segmental disease status	Visualised		Visualised		Visualised		Visualised		Visualised		Visualised					ease sent		graph lable	Histology	available	(Prese ulceratio histologi	e active ence of n and /or cal acute nation)	Comments								
	Yes	No																													
TI																															
Caecum																															
Ascending																															
Transverse																															
Descending																															
Sigmoid																															
Rectum																															



Patient Number						Initials				
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Overall segmental consensus reference

Complete "overall" row for each segment if just one site of disease in that segment. If more than one site (i.e. separated by >3cm normal small bowel) in a segment complete details for each site

Bowel segment	Disease present (Y/N)	Disease active (Y/N)	*MRE mislabelled location but deemed to have detected (Y/NA) -if yes state segment e.g. ileum*	*USS mislabelled location but deemed to have detected (Y /NA) -if yes state segment e.g. ileum*	MRI perceptual error? (Y, N)	USS perceptual error? (Y,N)	Length of abnormal bowel (cm)	Stensois causing functional obstruction (Y/N)	Disease early (1) or advanced (2)	If Surgical resection available, does the segmental disease show fibrosis? (Y/N/NA)	If Surgical resection or endoscopy available, is the segmental disease active?	comments
				Example								
Overall	Y	Y	Y-il	NA	N	Y	15	Y	2	Y	Y	
Site 1	Y	Y	Y-il	NA	N	Y	10	Y	2	Y	Y	
Site 2	Y	N	NA	NA	N	N	5	N	1	Y	Y	
					Terminal il	leum						
Overall												
Site 1												
Site 2												
					Ileum							
Overall												
Site 1												
Site 2												
Site 3												
Site 4												
					Jejunum							
Overall												
Site 1												
Site 2												
Site 3												



Patient Number			Initials		
ratient Number			IIIIIIIIIII		

	 								<u> </u>	
Site 4										
			Duodenum	l						
Overall										
Site 1										
Site 2										
			Caecum							
Overall										
Site 1										
Site 2										
			Ascending colon							
Overall										
Site 1										
Site 2										
Site 3										
			Transverse colon							
Overall										
Site 1										
Site 2										
Site 3										
			Descending	g colon						
Overall										
Site 1										
Site 2										
Site 3										
			Sigmoid co	lon						
Site 1										
Site 2										
Site 3										
			Rectum							
Overall										
Site 1										



		Pa	atient Numb	er	Init	ials			Unit	
Site 2										l

*Please record if the consensus panel agrees MRE or USS has correctly identified the disease but have located in an alternative segment to the panel eg If the panel states that is a single segment of ileal disease, but USS reports a single segment of jejunal disease which the panel agrees is the same segment-state "Y-jej" in the appropriate USS column of the ileal segment. If MRI or US have either correctly identified the segment or missed the disease, state "NA"



Patient Number						Initials				
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Complications	Present							
	Yes	No	If yes state size			If yes state site		
Abscess								
Fistula			If yes state type					
Please state fistula type	lleo- ileal	lleo- colic	Entero- cutaneous	lleo- vesical	Colon- vesical	Jejuno- jejunal	Jejuno- colic	Other (state)

Other small bowel	Present						
diagnosis (e.g. adhesions,	Yes	No					
meckels, radiation enteritis etc)							
If yes, state diagnosis							

Other extra-enetic	Pre	sent
abnormality (e.g. aortic aneurysm gallstones,	Yes	No
solid organ abnormality, phelgmon,)		
If yes, state diagnosis		



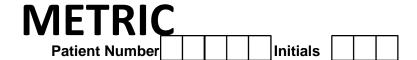
e tick C	omments	

/IETRIC		
Site	Dat Dat	te of form
Patient Number	Initials Dat	e of birth
CASE REPORT FORM: DIAGNOSTIC	AND THERAPUTIC IMPACT	
Date of assessment	mmm yyyy	
Name of gastroenterologist		
Name of Radiologist		
Data available for this assessment (please circle one only)	Clinical and endoscopic information only	Clinical and endoscopic information PLUS conventional imaging (e.g. barium, CT)
Clinical and endoscopic information PLUS MRI	Clinical and endoscopic information PLUS US	Clinical and endoscopic information PLUS ALL imaging (i.e. final assessment)
Small bowel and colonic disease (p	lease tick yes or no, and estimat	e diagnostic confidence).
Do you think the patient has small bowel Crohn's disease?	□yes	%
Do you think the patient has colonic Crohn's disease?	□no □ yes	
IF YES COMPLETE SECTION B. IF NO	CARRY ON FROM SECTION C	%





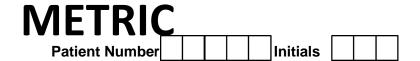
Please indicate your opinion for the presence of each diagnosis (where applicable) and circle a number to estimate your diagnostic certainty, as follows: 1=No 2=Unlikely Small bowel Extent A) Is the small bowel disease extensive (>30cm)? B) Does the disease affect the terminal ileum only? C) Is there upper GI or jejunal disease (as opposed to ileal disease only) Stricture A) Is there a small bowel disease B) What is the nature of the stricture present? If judged at least "possible" B) What is the nature of the stricture Colonic disease A) Is there Colonic disease A) Is there Colonic disease A) Is there Colonic disease B) Is the colonic disease B) Is the colonic disease Figure 4-Probable 5-Almost Certainly 6-Yes NA=not applicable 1 2 3 4 5 6 Definitely fibrostenotic/ probably fibrostenotic/ uncertain/ stricture Definitely fibrostenotic/ probably fibrostenotic/ uncertain/ stricture Disease activity A) Is the small bowel disease Active (as opposed to non active) Colonic disease B) Is there Colonic disease Figure 4-Probable 1 2 3 4 5 6 Colonic disease A) Is there Colonic disease B) Is the colonic disease Figure 4-Probable 1 2 3 4 5 6 Colonic disease A) Is the colonic disease Figure 4-Probable B-Almost Aller 4-Probable Figure 4-Probable B-Almost Certainly 6-Yes NA=not applicable 5-Almost Certainly 6-Yes NA=not applicable Figure 4-Probable Figu	SECTION B						
3=Possible 4=Probable 5=Almost Certainly 6=Yes NA=not applicable		-			_	is (whe	re applicable) and circle a
2=Unlikely Small bowel Extent A) Is the small bowel disease extensive (>30cm)? B) Does the disease affect the terminal ileum only? C) Is there upper GI or jejunal disease (as opposed to ileal disease only) Stricture A) Is there a small bowel stricture present? If judged at least "possible" B) What is the nature of the stricture Disease activity A) Is the small bowel disease Active (as opposed to non active) Colonic disease A) Is there Colonic disease present A) Is there Colonic disease If judged at least "possible" B) Is the colonic disease 1 2 3 4 5 6 6 SYes NA=not applicable 1 2 3 4 5 6 Definitely fibrostenotic/ probably fibrostenotic/ uncertain/ probably inflammatory/ definitely inflammatory Disease activity A) Is the small bowel disease Active (as opposed to non active) Colonic disease A) Is there Colonic disease Present If judged at least "possible" B) Is the colonic disease				, as follo	ows:	1	
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Colonic disease A) Is there Colonic disease present If judged at least "possible" 1 2 3 4 5 6 B) Is the colonic disease	1	1	2	3	4	5	6
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If judged at least "possible" 1 2 3 4 5 6 B) Is the colonic disease	-	1	Z	3	4	5	U
B) Is the colonic disease	ļ						
B) Is the colonic disease	If judged at least "possible"	1	2	3	1	5	6
		1	۷	3	7	J	5
	extensive (>2 colonic segments)						





Please indicate your opinion for the presence of each diagnosis (where applicable) and circle a number to estimate your diagnostic certainty, as follows: 1=No 3=Possible 5=Almost Certainly 2=Unlikely 4=Probable 6=Yes NA=not applicable **Extra-luminal complications** Is there an Entero-enteric fistula Entero-colic fistula Enterovaginal fistula Entero-vesical fistula Inflammatory mass Abscess Will the patient require surgery for Crohns disease within 3 months B2) Proposed L and B Montreal classification (based on above). Please see definitions.

MFTRIC I	Diganostic and	Theraneutic Impact	V1 0	25Nov201





ς	F	\boldsymbol{C}	П	0	N	1 C

SECTION C		
What other tests would you now reques	t (if not	already done)? Please tick any that apply.
None		
MRI enterography		
Barium Follow through		
CT enterography		
CT abdomen and pelvis		
Abdo USS		
Flexi sig		
Colonoscop		
Blood tests		
Capsule endoscopy		
Other (please state)		
SECTION D Patient Management		
	patient?	Please tick one of the following, providing details,
if necessary.		
		FURTHER DETAILS
Patient is on no medication for active		
Crohn's and none will be added		
Patient is not on medication for active		
Crohn's but will be started on some		
Maintain <u>current</u> medication for active		
Crohn's		
Reduce dose of <u>current</u> medication for		
active Crohn's		
Increase dose of <u>current</u> medication for		
active Crohn's		
Stop <u>current</u> medication for active		
Crohn's		
Change current medication for active		
Crohn's to similar drug class (eg		
conventional or biological)		
Change current medication for active		
Crohn's to different drug class (eg from		
conventional to biological)		
Refer for surgical therapy		
Other (please state)		

Completed by:	
Print name:	Signature:
Date:	
Office Hee Only	

Date:

METRIC Site Date of form Date of birth Date

Patient Resource Use Diary

Each diary covers a three month period

This diary is to help you keep a record of contacts you make with the NHS about your Crohn's disease. A contact is any visit you attend at your hospital/GP or other eg. Physio related to your Crohn's disease. This will allow us to calculate the cost to the NHS of your care so we can help with the planning of NHS services in the future.

Please record as accurately as possible the number of contacts you make each week about your Crohn's disease, indicating who you contacted and how. We would like you to record contacts you have had with the hospital and with your GP and community care services. You will see there is one table for hospital visits and one for contacts with your GP and community services, and we ask you to complete both of these, please. There is a third blank table for you to record any visits which do not fit into the other two tables. An example may be a session of acupuncture or physiotherapy. Please also record the medications you take because of your Crohn's disease on the last table in the form.

You might find that the easiest way to record the contacts you have made is to put a tick in the appropriate column each time you make a contact, or to write the number of contacts down each week. It should not take you more than a few minutes each week and you may find it useful to keep a copy for your own records.

Here is an example of a completed week for hospital contacts:

	You are	treated	You had an	You had an	You had an appointment to	You were admitted to a		You were treated at
	overni	ght in a	appointment to	appointment for	have a scan such as CT,	day ward in hospital	You had an appointment with a	the Accident and
	hos	pital	receive treatment	endoscopy	ultrasound or MRI scan	without staying	doctor or nurse in the hospital or	Emergency
			(e.g. infliximab			overnight (not routine	attended a clinical appointment	Department
	(Please r	record the	infusion)			drug administration such	such as outpatients (not routine	
	number o	f stays and		(Please record the		as infliximab)	drug administration such as	
		er of nights	(Please record the	number of			infliximab)	
		ch stay)	number of	appointments you	(Please record the number of			
			appointments you	attended)	scan appointments you	(Please record the	(Please record the number of	(Please record the
	No of Stays	No of Nights	attended)		attended)	number of days)	appointments you attended)	number of times)
Week	1	1		_				
1	2	3	0	0	1	0	1	1

This example would tell us that during week 1 this person was treated overnight in a hospital for 4 nights over 2 stays, that they had one outpatient appointment for something other than routine medication, they attended the hospital for one scan, and that they had one accident and emergency visit.

Please only record those contacts related to your Crohn's disease.

Thank you for taking the time to complete this form.

Please return in the stamped address envelope you were provided with when you have completed the diary for the three month period covered. If you no longer have your stamped address envelope please contact the hospital who recruited you to the trial.

Record of hospital contacts

Please record the contacts you have had with the hospital services.

	You are treated overnight in a hospital (Please record the number of stays and the number of nights for each stay) No of Stays No of Nights	You had an appointment to receive treatment (e.g. infliximab infusion) (Please record the number of appointments you attended)	You had an appointment for endoscopy (Please record the number of appointments you attended)	You had an appointment to have a scan such as CT, ultrasound or MRI scan (Please record the number of scan appointments you attended)	You were admitted to a day ward in hospital without staying overnight (not routine drug administration such as infliximab) (Please record the number of days)	You had an appointment with a doctor or nurse in the hospital or attended a clinical appointment such as outpatients (not routine drug administration such as infliximab) (Please record the number of appointments you attended)	You were treated at the Accident and Emergency Department (Please record the number of times)
Week 1	, ,	,			, , ,		
Week 2							
Week 3							
Week 4							
Week 5							
Week 6							
Week 7							
Week 8							
Week 9							
Week 10							
Week 11							
Week 12							

Please only record those contacts related to your Crohn's disease

Record of primary care and community care contacts

Please record the contacts you have had with GP and community care services.

	You visit your GP at the GP practice or health centre	Your GP visits you at home	You speak with your GP over the telephone	You visit an NHS nurse at the GP practice or health centre	An NHS nurse visits you at home	You speak with an NHS nurse over the telephone
	(Please record the number of visits)	(Please record the number of visits)	(Please record the number of contacts)	(Please record the number of visits)	(Please record the number of visits)	(Please record the number of contacts)
Week 1						
Week 2						
Week 3						
Week 4						
Week 5						
Week 6						
Week 7						
Week 8						
Week 9						
Week 10						
Week 11						
Week 12						

Please only record those contacts related to your Crohn's disease.

Record of other contacts

Please record in this table any other NHS contacts you have had to do with your Crohn's disease which are not recorded in the tables above. Please record the type of contact or health care professional that you contacted, where the contact took place (e.g., at home, at the hospital, at the GP practice or health centre) and the number of contacts over the whole 12 week period.

Type of contact	Where the contact took place	Number of contacts
Physiotherapy	Physiotherapy Centre	2

Please only record those contacts related to your Crohn's Disease.

Record of medications

Please record in the table below the medications you take during the 12 week period. Please record the name of the medication, the dosage you take each time, the number of doses you take each day, and the number of days you take the medication. Please also record whether the medication was prescribed by a doctor or nurse, or bought over the counter.

We realise you may not know the details of any medicines you receive in hospital, so just list "medicines in the hospital" if you are not sure. Please only record the medications you have taken that are related to your Crohn's disease

If you are admitted to hospital, please try and continue to fill in this table if possible.

Dosage	Number of doses per day	Number of days	Prescribed by a doctor or nurse, or bought over the counter
250mg	Twice a day	3 days	Over the counter

Office Use Only:				
Received by (Print name &	sign): Da	te:	Entered by: (Print name & sign):	Date:
<u> </u>			 	

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Site Date of form Date of form	
Patient Number Initials Date of birth Date of birth	
PATIENT CASE REPORT FORM: MRI INTERPRETATION	
Radiologist Initials	
MRI platform	
Central review (due to unblinding at recruitment site) Y/N	
Are you blinded to other clinical tests and investigations and patient clinical history (other than previous surgical history and new diagnosis or relapse cohort) Y/N	
If N state what information/ test data you are aware of (e.g. barium FT)	

Segment	visualisation to make correct diagnosis					If poor visualisation, tick why 1- poor distension/ 2- oral contrast not reached segment/ 3-Other (state)				
	1	2	3	4	1	2	3			
duodenum										
Jejunum*										
ileum										
Terminal ileum**										
Caecum										
Ascending										
Transverse										
Descending										
Sigmoid										
Rectum										

^{*} small bowel from DJ flexure mainly to the left of a diagonal running from the RUQ to LLQ showing typical feathery fold pattern, ** last 10cm of ileum upstream of IV valve/anastomosis

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Patient Number				Initiale		



PATIENT CASE REPORT FORM: MRI INTERPRETATION

Overall disease assessment (to be completed for all patients)									
	Normal		Equivocal		Abnormal				
Confidence of presence	1 (disease definitely not present)	2 (disease probably not present)	3 (disease possibly not present)	possibly not possibly		6 (disease definitely present)			
Any small bowel disease PRESENT?- tick confidence box									
Confidence of activity	1 (disease definitely not active)	2 (disease probably not active)	3 (disease possibly not active)	4 (disease possibly active)	5 (disease probably active)	6 (disease definitely active)			
If present (confidence score ≥3) is it ACTIVE? tick confidence box Confidence of presence	1 (disease definitely not	2 (disease probably not	3 (disease possibly not	4 (disease possibly	5 (disease probably present)	6 (disease definitely			
Any colonic disease PRESENT? tick confidence box	present)	present)	present)	present)		present)			
Confidence of activity	1 (disease definitely not active)	2 (disease probably not active)	3 (disease possibly not active)	4 (disease possibly active)	5 (disease probably active)	6 (disease definitely active)			
If present (confidence score ≥3) is it ACTIVE? tick confidence box									



			1		
Patient Number			Initials		

PATIENT CASE REPORT FORM: MRI INTERPRETATION

Lymphadenopathy (0-3)	По			Пз
Abnormal free fluid (Y/N)	Yes		□No	
Abscess present	Yes		□No	
If yes please state size & loc	ation			
Fistula present (circle all that apply)	Yes		□ _{No}	
If yes please circle location				
		Ileo-ileal Ile	neous ileo-vesical	
		Other (state)
Other small bowel diagnosis (e.g. adhesions, meckels, radiation enteritis etc	Yes		□No	
If yes please state				
Extra enteric findings (e.g. aortic aneurysm gallstones, solid organ abnormality, phelgmon)	Yes		□No	
If yes please state				
Are you recommending any further tests?	Yes			

METRIC____



Patient Number	Initials											
PATIENT CASE REPORT FORM	1: MRI INTERPRETATI	ON										
Please complete for each segr	ment			Confidence of disease PRESENCE								
	Noi	mal		Equi	vocal	Abnormal						
Segment	1 (disease definitely not present)	2 (disease pro not present)	bably	3 (disease possibly not present)	4 (disease possibly present)	5 (disease probably present)	6 (disease definitely present)					
Duodenum (D)												
Jejunum (J)												
lleum (I)												
Terminal ileum (TI)*												
Caecum (C)												
Ascending colon (A)												
Transverse colon (T)												
Descending colon (D)												
Sigmoid (S)												
Rectum (R)												

PATIENT CASE REPORT FORM: MRI INTERPRETATION

^{*}throughout, if TI disease is contiguous for over 10cm count just as TI not TI and ileum

METRIC
Patient Number Initials



Patient	Patient Number												
Confidence of d	isease ACTIVITY Please co	mplete for each seg	ment if confidence sco	ores 3-6 for disease pres	sence above i.e. pr	esent or equivocal							
		No	rmal	Equivo	cal	Ac	tive						
Segment	No disease (i.e. confidence scores 1 or 2 for disease presence)	1 (disease definitely not active)	2 (disease probably not active)	3 (disease possibly not active)	4 (disease possibly active)	5 (disease probably active)	6 (disease definitely active)						
Duodenum (D)													
Jejunum (J)													
Ileum (I)													
Terminal ileum (TI)													
Caecum (C)													
Ascending colon (A)													
Transverse colon (T)													
Descending colon (D)													
Sigmoid (S)													
Rectum (R)													

VI	ET	R					



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	nt Num			lnitials										
PATIE	PATIENT CASE REPORT FORM: MRI INTERPRETATION Disease Description Please complete for each disease site (defined as >3cm of normal bowel between disease sites). Use													
one table	one table for each disease site. Only record segments which if you have a confidence score of 3 or more for disease presence. Use score definitions at the start of this CRF													
	NICEACE CITE 4													
DISEASE	DISEASE SITE 1													
Location	Tick one	Single Wall	Wall	Length of	Stensois	Peri-mural T2	Mural T2	Ulceration	Contrast	Contrast	Diffusion	Does the	Segmental	Segment
	location	thickness	thickening	abnormal	causing	signal	signal		enhancement	enhancement	signal	segment	disease	shows active
		(mm)		bowel (cm)	functional					pattern		contain	severity	disease
		thickest portion			obstruction							established fibrosis	assessment	(Y/N)
		portion										(Y/N)		
Duo														
J														
I														
TI														
С														
Α														
Des														
S														
R														
				I							l .	l .		

METRIC					
Patient Number			Initials		



PATIENT CASE REPORT FORM: MRI INTERPRETATION Disease Description Please complete for each disease site (defined as >3cm of normal bowel between disease sites). Use <u>one</u> table for each disease site. Only record segments which if you have a confidence score of 3 or more for disease presence. *Use score definitions at the start of this CRF*

DISEASE SITE 2

Location	Tick one location	Single Wall thickness (mm) thickest portion	Wall thickening	Length of abnormal bowel (cm)	Stensois causing functional obstruction	Peri-mural T2 signal	Mural T2 signal	Ulceration	Contrast enhancement	Contrast enhancement pattern	Diffusion signal	Does the segment contain established fibrosis (Y/N)	Segmental disease severity assessment	Segment shows active disease (Y/N)
Duo														
J														
I														
TI														
С														
Α														
Des														
S														
R														

METRIC	,				
Patient Number			Initials		



PATIENT CASE REPORT FORM: MRI INTERPRETATION Disease Description Please complete for each disease site (defined as >3cm of normal bowel between disease sites). Use one table for each disease site. Only record segments which if you have a confidence score of 3 or more for disease presence. Use score definitions at the start of this CRF **DISEASE SITE 3** Location Tick one Single Wall Wall Peri-mural T2 Mural T2 Ulceration Diffusion Segmental Segment Length of Stensois Contrast Contrast Does the signal signal signal shows active location thickness thickening abnormal causing enhancement enhancement segment disease (mm) bowel (cm) functional pattern contain severity disease thickest obstruction established assessment (Y/N) fibrosis portion (Y/N) Duo TI С

Α

Des

S

R

METRIC	,					
Patient Number				 nitials		İ



PATIE	NT CASE	REPORT	FORM: MF	RI INTERPE	RETATION D	Disease Des	cription	Please compl	lete for each dise	ease site (defined	as >3cm of no	rmal bowel bet	ween disease s	ites). Use <u>one</u>
table for	each disea	se site. Only re	ecord segment	ts which if you	have a confide	nce score of 3 o	r more for d	isease preser	nce. Use score de	efinitions at the st	art of this CRF			
DISEASE	SITE 4													
Location	Tick one location	Single Wall thickness (mm) thickest portion	Wall thickening	Length of abnormal bowel (cm)	Stensois causing functional obstruction	Peri-mural T2 signal	Mural T2 signal	Ulceration	Contrast enhancement	Contrast enhancement pattern	Diffusion signal	Does the segment contain established fibrosis (Y/N)	Segmental disease severity assessment	Segment shows active disease (Y/N)
Duo														
J														
I														
TI														
С														
Α														
Des														
S														
R														
			., .	1 10 111					1			/ \		

Please attach additional pages if required. If additional pages added, insert total number of additional pages used: _____page(s)

METRIC)					
Patient Number				Initials		



PATIENT CASE REPORT FORM: MRI IN	TERPRETATION: Addit	ional Sequences
	Diffusion weighted	Contrast enhanced
Not helpful		
Diagnosis unchanged but increased confidence		
Diagnosis changed-additional disease site detected		
Diagnosis changed-disease site now discounted		
Diagnosis changed –disease re-classified as active		
Diagnosis changed –disease re-classified as inactive		
Other-state		

Completed by:		
Print name:	Signature:	Date:
Office Use Only:		

Date:

Received by (Print name & sign):

Entered by: (Print name & sign):

Date:

Yes No	
nt clinical history (other than	her clinical tests and investigations and
Yes No	her clinical tests and investigations and
Yes No	her clinical tests and investigations and before the control of th
Yes No	her clinical tests and investigations and or clinical tests and investigations and or clipse cohor
Yes No	ory and new diagnosis or relapse cohor
FT)	nation/ test data you are aware of (eg b
	cle)
Reader agreement substudy	Hydosonography substudy
examination? Yes No	this a repeat USS due to unblinded firs
	study
	contrast
No	RE (circle) Yes

Time for ingestion





atient Number				Initials				
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PATIENT CASE REPORT FORM: US INTERPRETATION: Scan quality

Segment	Quality of segmental visualisation to make correct diagnosis 1-good/ 2-moderate/ 3-poor/ 4- N/A or excised						If poor visualisation, tick why 1- overlying bowel gas/ 2- increased patient BM/ 3-Difficult anatomy***/ 4-patient pain/ 5-other (state)					
	1	2	3	4	1	2	3	4	5			
duodenum												
Jejunum*												
ileum												
Terminal ileum**												
Caecum												
Ascending												
Transverse												
Descending												
Sigmoid												
Rectum												
									or from the DUO to U.O. showing			

st small bowel from DJ flexure mainly to the left of a diagonal running from the RUQ to LLQ showing
typical feathery fold pattern,
** last 10cm of ileum upstream of IV valve/anastomosis

***E.g. low lying caecum

lleocaecal valve identified	Yes	No





Patient Number			Initials		

PATIENT CASE REPORT FORM: US INTERPRETATION Disease Assessment

Overall disease assessment (to be completed for all patients)												
	Normal		Equivocal		Abnormal							
Confidence	1 (disease definitely not present)	2 (disease probably not present)	3 (disease possibly not present)	4 (disease possibly present)	5 (disease probably present)	6 (disease definitely present)						
Any small bowel disease PRESENT?-tick confidence box												
	1 (disease definitely not active)	2 (disease probably not active)	3 (disease possibly not active)	4 (disease possibly active)	5 (disease probably active)	6 (disease definitely active)						
If present (confidence score ≥3) is it ACTIVE? tick confidence box												
	1 (disease definitely not present)	2 (disease probably not present)	3 (disease possibly not present)	4 (disease possibly present)	5 (disease probably present)	6 (disease definitely present)						
Any colonic disease PRESENT? tick confidence box												
	1 (disease definitely not active)	2 (disease probably not active)	3 (disease possibly not active)	4 (disease possibly active)	5 (disease probably active)	6 (disease definitely active)						
If present (confidence score ≥3) is it ACTIVE? tick confidence box												

PATIENT CASE REPORT FORM: US INTERPRETATION Other findings



Patient Number	Initia	ls		
Lymphodonousthy (0.2)	I			
Lymphadenopathy (0-3)				
	LJ0	□ 1		
Abnormal free fluid (Y/N)				
	Yes		No	
Abscess present				
	Yes		No	
If yes please state size & loc	ation			
Fistula present (circle all				
that apply)	Yes		□No	
If yes please circle location				
		Ileo-ilealIleo-co	lic entero-cutaneou	s ileo-vesical
		colon-vesicaljej	juno- jejunaljejuno-c	olic
		Other (state)
Other small bowel				
diagnosis (e.g. adhesions, meckels, radiation	Yes		□No	
enteritis etc				
If yes please state				
Extra enteric findings (e.g.				
aortic aneurysm	Yes		\square_{No}	
gallstones, solid organ abnormality, phelgmon)				
If yes please state				
Are you recommending				
any further tests?	Yes		□No	
If yes please state which				



Patient Number				Initials				ı
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PATIENT CASE REPORT FORM: US INTERPRETATION Disease Presence													
Please complete for each segr	nent		Confidence of disease PRESENCE										
	Nor	mal		Equi	rmal								
Segment	1 (disease definitely not present)	2 (disease pro not present)	bably	3 (disease possibly not present)	4 (disease possibly present)	5 (disease probably present)	6 (disease definitely present)						
Duodenum (D)													
Jejunum (J)													
Ileum (I)													
Terminal ileum (TI)*													
Caecum (C)													
Ascending colon (A)													
Transverse colon (T)													
Descending colon (D)													
Sigmoid (S)	Sigmoid (S)												
Rectum (R)													

^{*}throughout, if TI disease is contiguous for over 10cm count just as TI not TI and ileum



Patient Number	Initials
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PATIENT CASE REPO	RT FORM: US INTERPF	RETATION Disease Activity
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Confidence of disease ACTIVITY Please complete for each segmentif confidence scores 3-6 for disease presence above i.e. present or equivocal

		Nor	mal	Equivo	ocal	Active		
Segment	No disease (i.e. confidence scores 1 or 2 for disease presence)	1 (disease definitely not active)	2 (disease probably not active)	3 (disease possibly not active)	4 (disease possibly active)	5 (disease probably active)	6 (disease definitely active)	
Duodenum (D)								
Jejunum (J)								
Ileum (I)								
Terminal ileum (TI)								
Caecum (C)								
Ascending colon (A)								
Transverse colon (T)								
Descending colon (D)								
Sigmoid (S)								
Rectum (R)								

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				Unit
Patient Number			Initials	

PATIENT CASE REPORT FORM: US INTERPRETATION Disease Description Disease Site 1

PLEASE COMPLETE FOR EACH DISEASE SITE (DEFINED AS >3CM OF NORMAL BOWEL BETWEEN DISEASE SITES). USE <u>ONE</u> TABLE FOR EACH DISEASE SITE. ONLY RECORD SEGMENTS WHICH IF YOU HAVE A CONFIDENCE SCORE OF 3 OR MORE FOR DISEASE PRESENCE. USE SCORE DEFINITIONS AT THE START OF THIS CRF

Complete for equivocal or abnormal sites (i.e. confidence scores 3-6). Complete additional tables as required if multiple disease sites per segment

Location	Tick one location	Single Wall thickness (mm) thickest portion	Wall thickening	Length of abnormal bowel (cm)	Stensois causing functional obstruction	Mesenteric fat echogenicity	Anti- mesenteric border	Mesenteric border	Submucosal layer	Submucosal layer echogenicity	Submucosal layer clarity	Mucosal layer	Ulceration	Doppler vascular pattern axial section	Peristaltic distension	Does the segment contain established fibrosis (Y/N)	Segmental disease severity assessment	Segment shows active disease (Y/N)
Duo																		
J																		
1																		
ТІ																		
С																		
Α																		
Des																		
S																		
R																		



Patie	nt Nu	mber[Initials													
PATIEN	IT CAS	E REPO	RT FORM	1: US INT	ERPRETAT	TION Disea	se Descrip	otion Disea	ase Site 2									
SEGME	NTS W	/HICH I	F YOU HA	AVE A CO	NFIDENCE	FINED AS >	3 OR MC	RE FOR D	ISEASE PR	ESENCE. U	SE SCORE	DEFINIT	IONS AT	THE STA	ART OF TH		ONLY RE	CORD
Location Location	Tick one	Single Wall thickness (mm) thickest portion	Wall thickening	Length of abnormal bowel (cm)	Stensois causing functional obstruction	Mesenteric fat echogenicity	Anti- mesenteric border	Mesenteric border	Submucosal layer	Submucosal layer echogenicity	ed if multip Submucosal layer clarity	Mucosal layer	e sites per	Doppler vascular pattern axial section	Peristaltic distension	Does the segment contain established fibrosis (Y/N)	Segmental disease severity assessment	Segmen shows active disease (Y/N)
Duo																		+
J																		+
I																		
TI																		1
С																		1
Α																	-	
Des																		1



	Offic
Patient Number Initials	

PATIE	NT CAS	E REPO	RT FORM	1: US INT	ERPRETAT	ION Diseas	se Descrip	tion Disea	ase Site 3									
PLEAS	E COM	PLETE F	OR EACH	DISEASE	SITE (DE	FINED AS >	3CM OF N	IORMAL B	OWEL BET	TWEEN DIS	EASE SITES	S). USE (ONE TABL	E FOR E	ACH DISE	ASE SITE.	ONLY REC	CORD
						SCORE OF												
Comple	ete for e	equivoca	l or abno	rmal sites	(i.e. confid	lence scores	3-6). Com	plete addi	tional table	s as require	ed if multip	le diseas	e sites per	segmen	it			
Location	Tick one location	Single Wall thickness (mm) thickest portion	Wall thickening	Length of abnormal bowel (cm)	Stensois causing functional obstruction	Mesenteric fat echogenicity	Anti- mesenteric border	Mesenteric border	Submucosal layer	Submucosal layer echogenicity	Submucosal layer clarity	Mucosal layer	Ulceration	Doppler vascular pattern axial section	Peristaltic distension	Does the segment contain established fibrosis (Y/N)	Segmental disease severity assessment	Segment shows active disease (Y/N)
Duo																		
J																		
Ī																		
TI																		
С																		
Α																		
Des																		
S																		
R																		



				Oint
Patient Number		Initials		

PATIENT CASE REPORT FORM: US INTERPRETATION Disease Description Disease Site 4

PLEASE COMPLETE FOR EACH DISEASE SITE (DEFINED AS >3CM OF NORMAL BOWEL BETWEEN DISEASE SITES). USE <u>ONE</u> TABLE FOR EACH DISEASE SITE. ONLY RECORD SEGMENTS WHICH IF YOU HAVE A CONFIDENCE SCORE OF 3 OR MORE FOR DISEASE PRESENCE. USE SCORE DEFINITIONS AT THE START OF THIS CRF

Complete for equivocal or abnormal sites (i.e. confidence scores 3-6). Complete additional tables as required if multiple disease sites per segment

Location	Tick one location	Single Wall thickness (mm) thickest portion	Wall thickening	Length of abnormal bowel (cm)	Stensois causing functional obstruction	Mesenteric fat echogenicity	Anti- mesenteric border	Mesenteric border	Submucosal layer	Submucosal layer echogenicity	Submucosal layer clarity	Mucosal layer	Ulceration	Doppler vascular pattern axial section	Peristaltic distension	Does the segment contain established fibrosis (Y/N)	Segmental disease severity assessment	Segment shows active disease (Y/N)
Duo																		
J																		
I																		
TI																		
С																		
Α																		
Des																		
S																		
R																		



			Unit
Patient Number	Initial	s 🔲	

PATIENT CASE REPORT FORM: US INTERPRETATION Disease Description Disease Site 5

PLEASE COMPLETE FOR EACH DISEASE SITE (DEFINED AS >3CM OF NORMAL BOWEL BETWEEN DISEASE SITES). USE ONE TABLE FOR EACH DISEASE SITE. ONLY RECORD SEGMENTS WHICH IF YOU HAVE A CONFIDENCE SCORE OF 3 OR MORE FOR DISEASE PRESENCE. USE SCORE DEFINITIONS AT THE START OF THIS CRE

Complete for equivocal or abnormal sites (i.e. confidence scores 3-6). Complete additional tables as required if multiple disease sites per segment

Location	Tick one location	Single Wall thickness (mm) thickest portion	Wall thickening	Length of abnormal bowel (cm)	Stensois causing functional obstruction	Mesenteric fat echogenicity	Anti- mesenteric border	Mesenteric border	Submucosal layer	Submucosal layer echogenicity	Submucosal layer clarity	Mucosal layer	Ulceration	Doppler vascular pattern axial section	Peristaltic distension	Does the segment contain established fibrosis (Y/N)	Segmental disease severity assessment	Segment shows active disease (Y/N)
Duo																		
J																		
ı																		
TI																		
С																		
Α																		
Des																		
S																		
R																		



Comple	ete for e	equivoca	al or abnor		(i.e. confic	lence score	s 3-6). Com					DEFINITI le diseas						
Location	Tick one location	Single Wall thickness (mm) thickest portion	Wall thickening	Length of abnormal bowel (cm)	Stensois causing functional obstruction	Mesenteric fat echogenicity	Anti- mesenteric border	Mesenteric border	Submucosal layer	Submucosal layer echogenicity	Submucosal layer clarity	Mucosal layer	Ulceration	Doppler vascular pattern axial section	Peristaltic distension	Does the segment contain established fibrosis (Y/N)	Segmental disease severity assessment	Segm show active disea (Y/N)
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METRIC Patient Informed Consent Form

Version 10.0, -- May, 2015

This Informed Consent Form is intended for consenting patients into the METRIC study

MREnterography or ulTRasound In Crohn's disease (METRIC)

Please initial the boxes to confirm consent:

1	I confirm that I have read and understand the Patient Information Sheet (Version 10.0, 15 June , 2015) for the METRIC study and have had the opportunity to ask questions which have been answered to my satisfaction.	[]
2	I understand that my participation is voluntary and that I am free to withdraw at any time, without giving any reason, without my medical care or legal rights being affected.	[]
3	I understand that relevant sections of my medical notes and images and data collected during this study, may be looked at by authorised individuals from University College London, regulatory authorities, or from the NHS Trust, where it is relevant to my taking part in this research. I give permission for these individuals to have access to my records.	[]
4	I understand that my taking part in this study will mean that I have additional tests.	[]
5	I agree to my anonymised imaging and clinical data acquired during the METRIC study being used now and in future ethically approved research related to Crohn's Disease	[]
6	I agree to take part in the METRIC study.	[]

	OPTIONAL TESTS, These are optional tests; declining to participate in them will not prevent you taking part in the METRIC study.						
7	I consent to providing blood samples, which will be tested for inflammatory markers]]				
8	I consent to providing stool samples, which will be tested for inflammatory markers	[]				
9	I consent and agree to complete questionnaires specific to this study.	[]				
10	I consent to take part in the sub study which requires me to undergo hydrosonography and I understand that this test involves drinking up to 1L of fluid	[]				

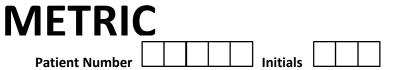
11	I consent for relevant results from tests and questionnaires performed as part of my usual clinical care before consenting to join the trial to be used -retrospectively by the research team if needed.	[]
12	I agree to my GP being informed of my participation in this study	[]

Patient Name	Date	Signature
Person taking Consent	Date	Signature
Witness (if applicable)	Date	Signature

METRIC	Clinical Trials Unit
Site Date of form	
Patient Number Initials Date of birth	

MEDICATIONS

MEDICATION PATIENT RECEIVED FOR CROHN'S DISE	ASE					
(e.g. azathioprine, methotrexate, steroids, Infliximab, Humira etc.)						
Drug	Dose (if known)					





PATIENT CASE REPORT FORM: MEDICAL TREATMENT, INVESTIGATIONS AND INTERVENTIONS: 0-3 MONTHS Include all tests performed following recruitment

IMAGING AND ENDOSCOPY

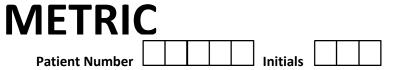
IMAGING TESTS AND ENDOSCO	PY PERFORM	ED					
(Do include tests performed in diagnostic work up already documented on the "Endoscopic and imaging interventions CRF")							
Test	Number performed over time period	Dates Performed					
Example	2	12/2/14, 18/3/14					
Colonoscopy							
Flexible sigmoidoscopy							
Capsule endoscopy							
MRI small bowel							
Ultrasound small bowel							
CT enterography							
CT enteroclysis							
CT abdomen and pelvis							
MRI enteroclysis							
Barium follow though							
Barium enteroclysis							
MRI pelvis							
Other (state)							
Other (state)							





STUDY 0-3MONTHSSURGICAL TREATMENT

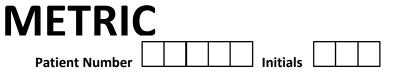
PROCEDURE (e.g. ileal resection, colectomy, pouch formation, anal fistula lay open, EUA etc.)	DATES PERFORMED	DAY CASE (Y/N)	NUMBER OF IN PATIENT DAYS (I.E. OVERNIGHT STAY IF NOT DAY CASE)
Total days			





3MONTHSCROHN'S RELATED OUTPATIENT VISITS

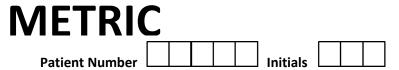
OUTPATIENT VISITS (excluding visits or Crohn's related therapy e.g. infliximab infusions)					
e period					
g. infliximab infusions)					
over time period					
Total number of day case visits	Total number of inpatient days (i.e. with overnight stay) if applicable				
	g. infliximab infusions) over time period				





Day case VISITS - OTHER

Day case VISITS (Other day case visits excluding planned Crohn's treatment Total number outpatient visits over time period		
REASON (e.g. blood transfusion)	Date	





INPATIENT stays-excluding those related to surgery recorded above

INPATIENT Stays				
REASON (E.G. FLARE OF CROHNS, INFECTION)	DATES	TOTAL NUMBER OF INPATIENT DAYS (I.E. WITH OVERNIGHT STAY)		

Completed by:		
Print name:	Signature:	Date:
Office Use Only:		